

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104687.D
 Acq On : 20 Apr 2018 21:01
 Operator : JU/SJ
 Sample : PB108449BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Manual Integrations
 APPROVED

Sohil
 4/23/2018 2:18:32 PM

Quant Time: Apr 21 04:47:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116257	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	441852	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176079	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	289861	20.00	ng	0.00
75) Chrysene-d12	13.98	240	212917	20.00	ng	0.00
86) Perylene-d12	15.44	264	160939	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	644533	84.77	ng	0.01
7) Phenol-d6	6.45	99	769951	82.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	673815	99.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	158050	86.53	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1101419	98.82	ng	0.00
78) Terphenyl-d14	12.92	244	977567	104.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	130661	36.881	ng	88
3) Pyridine	3.32	79	374807	37.629	ng	86
4) n-Nitrosodimethylamine	3.28	42	145610	41.819	ng	# 76
6) Aniline	6.47	93	248592	19.154	ng	# 88
8) 2-Chlorophenol	6.59	128	345825	43.094	ng	96
9) Benzaldehyde	6.36	77	177503	36.488	ng	96
10) Phenol	6.46	94	410203	41.384	ng	90
11) bis(2-Chloroethyl)ether	6.55	93	328076	41.477	ng	93
12) 1,3-Dichlorobenzene	6.75	146	360659	39.671	ng	99
13) 1,4-Dichlorobenzene	6.82	146	368693	40.683	ng	99
14) 1,2-Dichlorobenzene	6.97	146	342503	40.783	ng	99
15) Benzyl Alcohol	6.95	79	269336	37.959	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	401550	37.801	ng	84
17) 2-Methylphenol	7.07	107	279695	40.096	ng	95
18) Hexachloroethane	7.32	117	100382	31.067	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	221454	36.277	ng	93
20) 3+4-Methylphenols	7.22	107	332360	38.416	ng	# 73
22) Acetophenone	7.22	105	445880	40.989	ng	99
24) Nitrobenzene	7.39	77	340995	45.643	ng	99
25) Isophorone	7.63	82	614865	42.970	ng	99
26) 2-Nitrophenol	7.70	139	134157	44.110	ng	98
27) 2,4-Dimethylphenol	7.75	122	291169	46.107	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	404074	46.186	ng	98
29) 2,4-Dichlorophenol	7.95	162	267834	44.450	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	278055	42.048	ng	99
31) Naphthalene	8.12	128	926218	42.097	ng	100
32) Benzoic acid	7.87	122	156400m	31.040	ng	
33) 4-Chloroaniline	8.16	127	127122	13.486	ng	96
34) Hexachlorobutadiene	8.22	225	151129	41.724	ng	98
35) Caprolactam	8.54	113	86854m	41.320	ng	
36) 4-Chloro-3-methylphenol	8.65	107	273580	42.344	ng	99
37) 2-Methylnaphthalene	8.80	142	585669	41.152	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	245844	48.775	ng	98
40) Hexachlorocyclopentadiene	8.95	237	20885	7.401	ng	99

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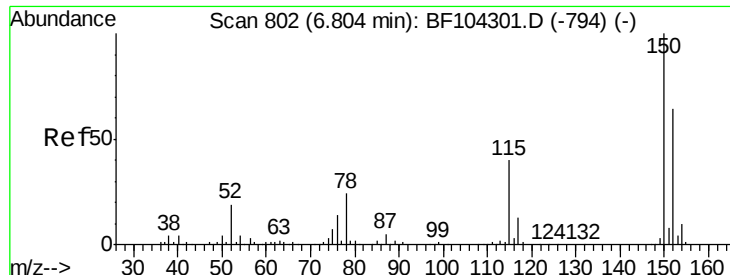
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	166647	47.628	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	172015	43.932	nq	98
45) 1,1'-Biphenyl	9.27	154	670145	45.305	nq	99
46) 2-Chloronaphthalene	9.29	162	517252	44.271	nq	99
47) 2-Nitroaniline	9.39	65	170593	59.041	nq	98
48) Acenaphthylene	9.71	152	762376	41.589	nq	100
49) Dimethylphthalate	9.57	163	634852	45.721	nq	100
50) 2,6-Dinitrotoluene	9.63	165	117193	45.613	nq	96
51) Acenaphthene	9.88	154	437157	39.086	nq	99
52) 3-Nitroaniline	9.80	138	137685	45.775	nq	99
53) 2,4-Dinitrophenol	9.92	184	7394	14.944	nq	# 22
54) Dibenzofuran	10.05	168	662113	42.479	nq	98
55) 4-Nitrophenol	9.97	139	194266	82.219	nq	96
56) 2,4-Dinitrotoluene	10.04	165	140466	41.679	nq	95
57) Fluorene	10.40	166	503213	44.354	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	126392	43.269	nq	95
59) Diethylphthalate	10.27	149	588851	42.582	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	235404	46.591	nq	96
61) 4-Nitroaniline	10.42	138	148369	50.448	nq	95
62) Azobenzene	10.55	77	516134	39.066	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	7332	11.746	nq	75
65) n-Nitrosodiphenylamine	10.50	169	454294	45.202	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	143519	46.549	nq	96
67) Hexachlorobenzene	10.95	284	154280	44.471	nq	# 90
68) Atrazine	11.03	200	133843	44.120	nq	100
69) Pentachlorophenol	11.15	266	142334	66.318	nq	97
70) Phenanthrene	11.36	178	700456	43.393	nq	99
71) Anthracene	11.41	178	729899	44.482	nq	100
72) Carbazole	11.57	167	675105	42.104	nq	99
73) Di-n-butylphthalate	11.89	149	848232	43.307	nq	99
74) Fluoranthene	12.55	202	742967	44.053	nq	99
76) Benzidine	12.68	184	641716	Below	Cal	97
77) Pyrene	12.78	202	738290	46.780	nq	100
79) Butylbenzylphthalate	13.39	149	366266	49.261	nq	97
80) Benzo(a)anthracene	13.97	228	594310	46.723	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	227919	48.057	nq	97
82) Chrysene	14.01	228	564336	43.194	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	494355	51.692	nq	100
84) Di-n-octyl phthalate	14.57	149	806896	50.495	nq	95
85) Indeno(1,2,3-cd)pyrene	16.91	276	444194	40.022	nq	97
87) Benzo(b)fluoranthene	15.02	252	454811	44.744	nq	98
88) Benzo(k)fluoranthene	15.05	252	460391	47.976	nq	99
89) Benzo(a)pyrene	15.39	252	421014	46.292	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	376089	50.349	nq	97
91) Benzo(g,h,i)perylene	17.34	276	365041	50.443	nq	97

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



#1

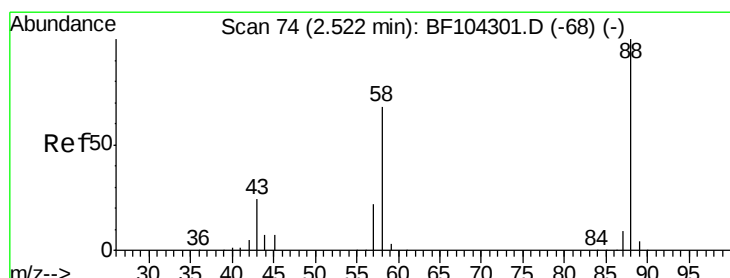
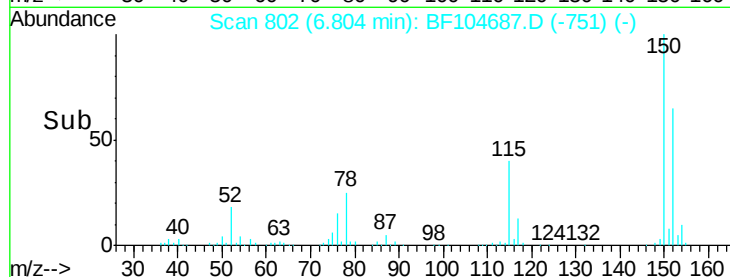
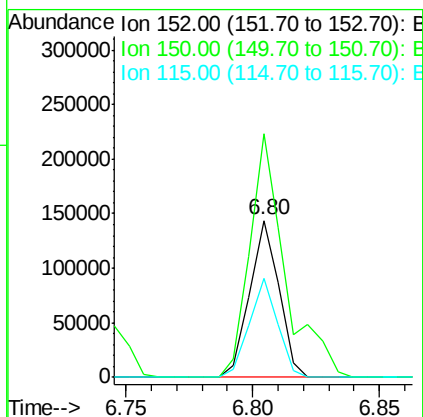
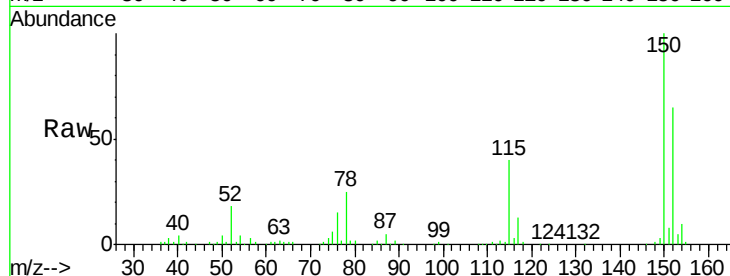
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	62.7	50.1	75.1

Manual Integrations
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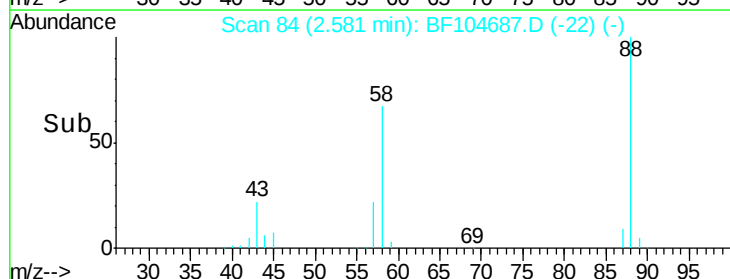
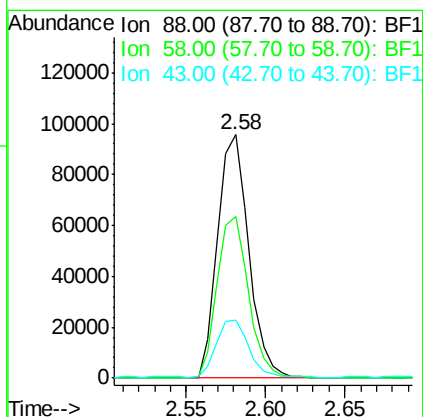
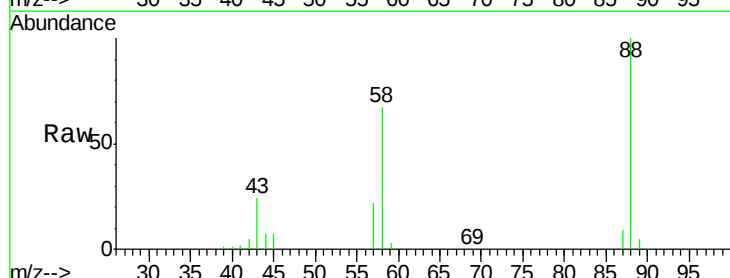
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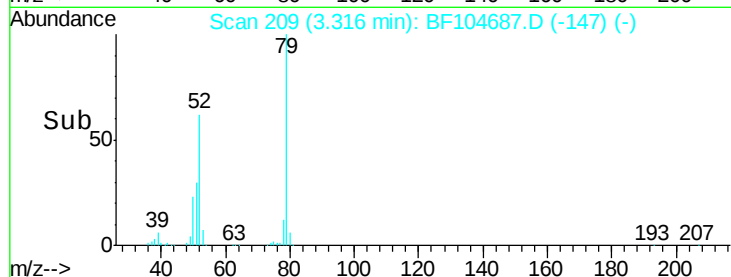
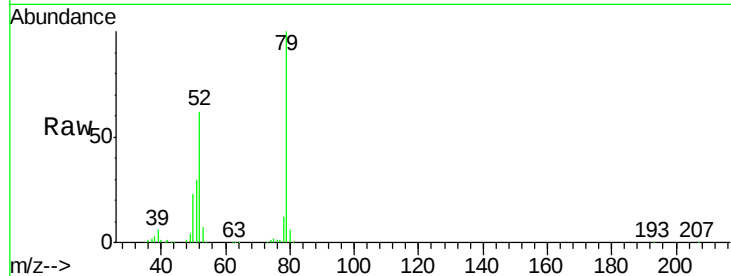
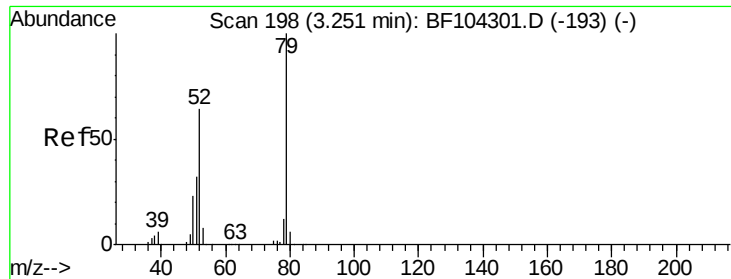


#2

1,4-Dioxane
Concen: 36.881 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	62.6	93.8
43	24.8	24.6	37.0





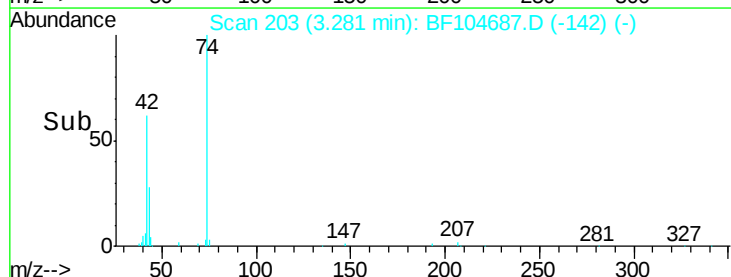
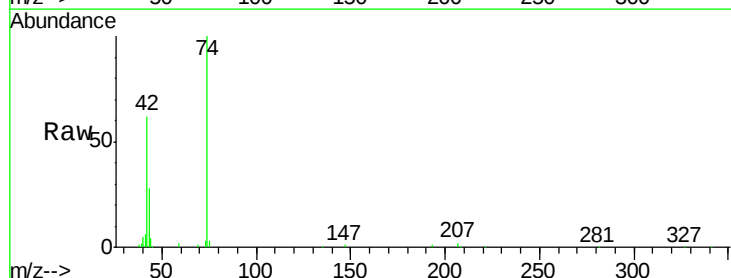
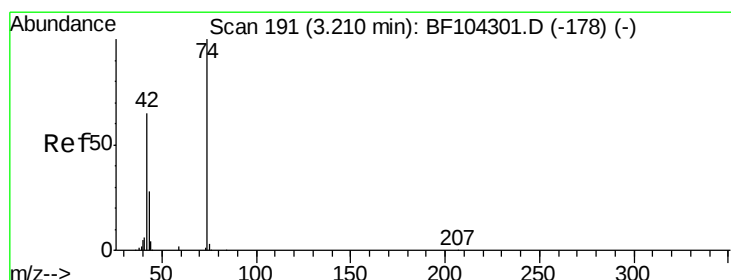
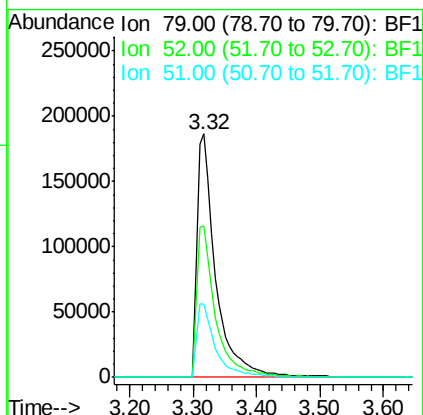
#3
 Pvridine
 Concen: 37.629 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.0	59.8	89.6
51	29.9	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

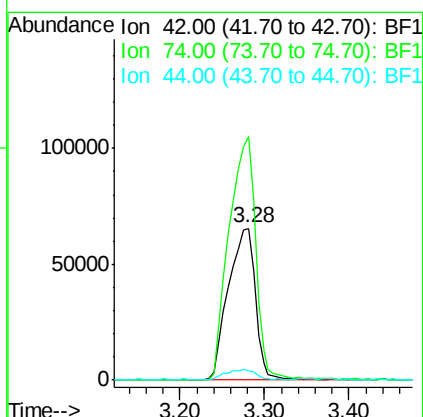
Manual Integrations
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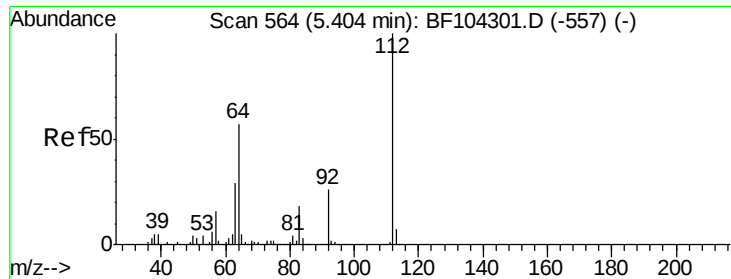
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#4
 n-Nitrosodimethylamine
 Concen: 41.819 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.06 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.1	104.9	157.3#
44	6.6	6.9	10.3#





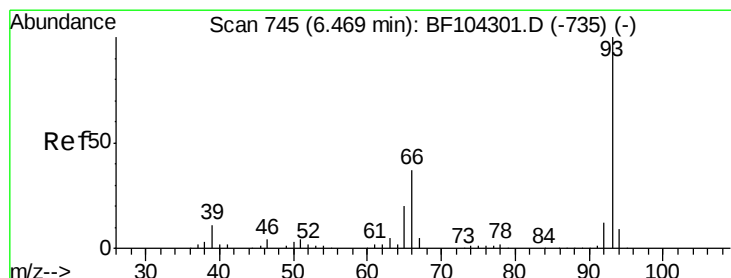
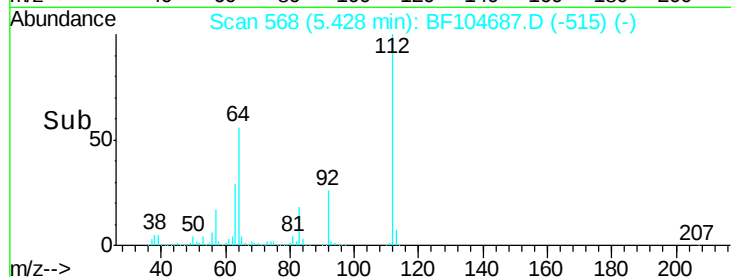
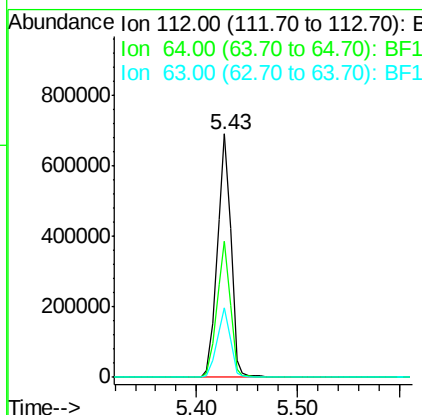
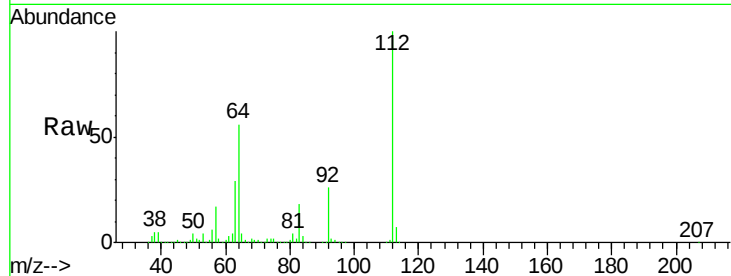
#5
2-Fluorophenol
Concen: 84.771 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	644533		
64	55.9	47.9	71.9	
63	28.5	23.7	35.5	

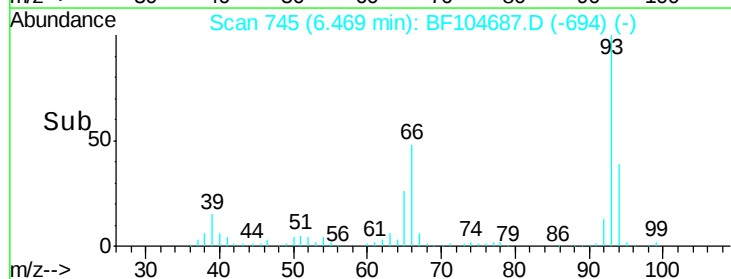
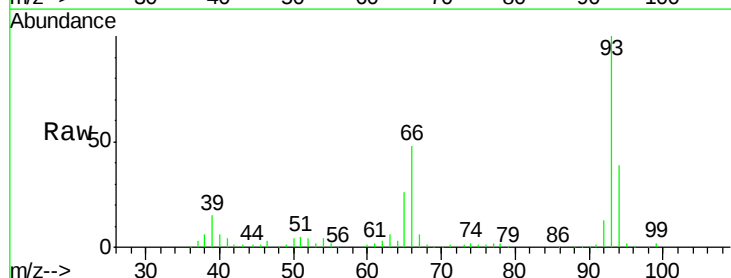
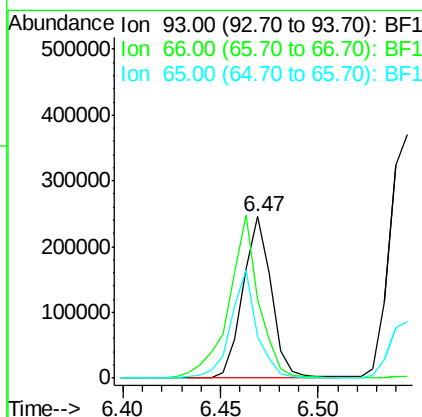
Manual Integrations
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#6
Aniline
Concen: 19.154 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	248592		
66	48.3	32.2	48.2#	
65	25.6	16.4	24.6#	





#7

Phenol-d6

Concen: 82.420 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

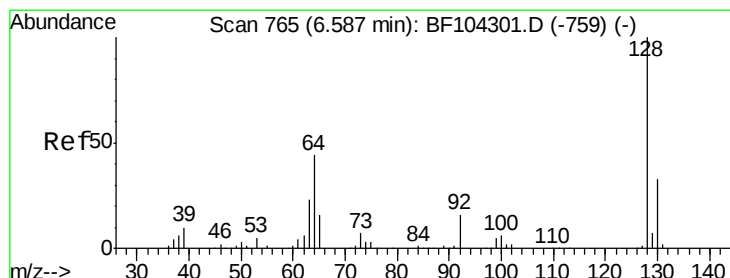
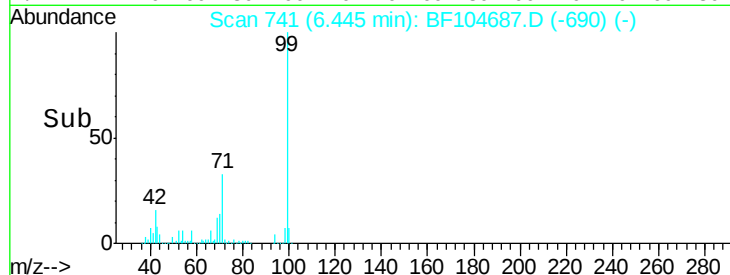
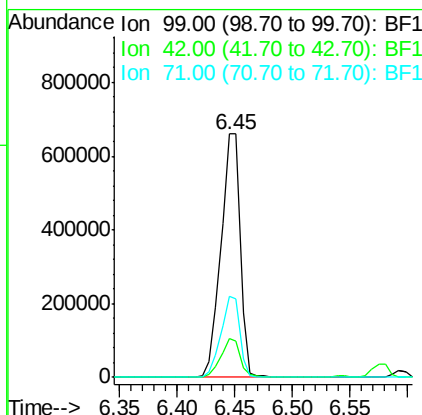
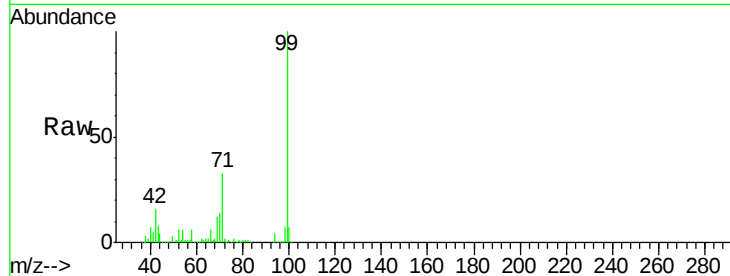
ClientSampleId :

PB108449BS

Tot Ion:	99	Resp:	769951
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	33.3	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.094 ng

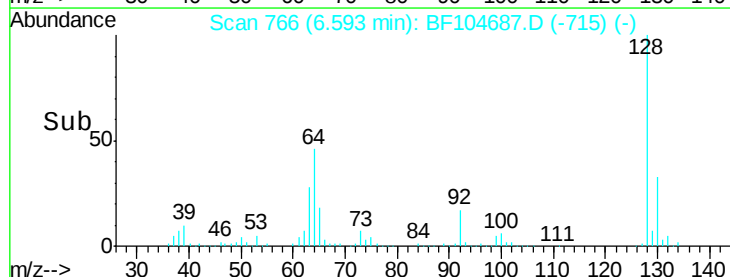
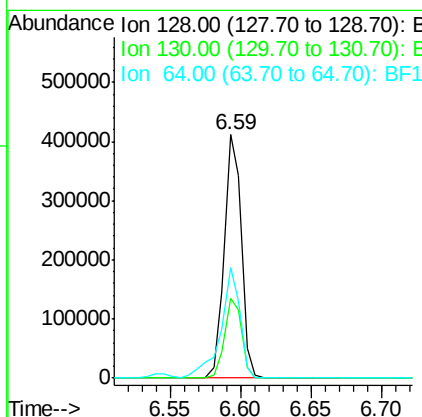
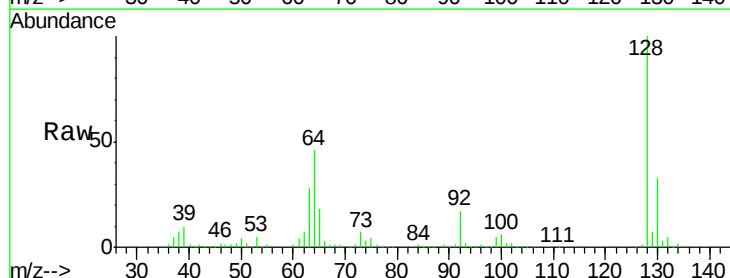
RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	128	Resp:	345825
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	45.6	29.4	69.4





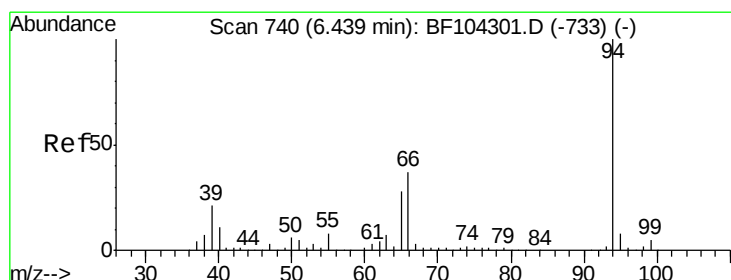
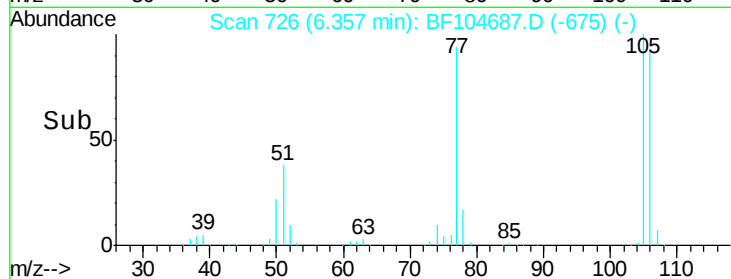
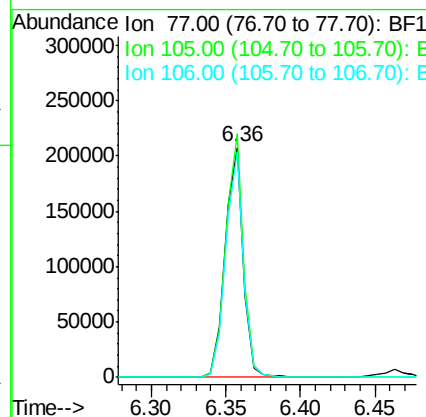
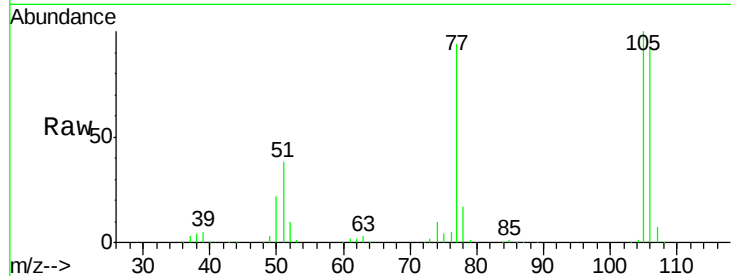
#9
Benzaldehyde
Concen: 36.488 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.0	81.1	121.1
106	98.3	74.5	114.5

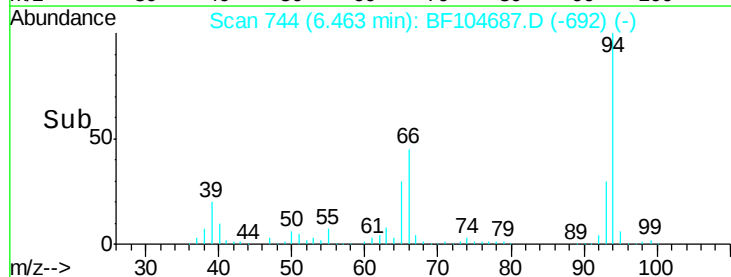
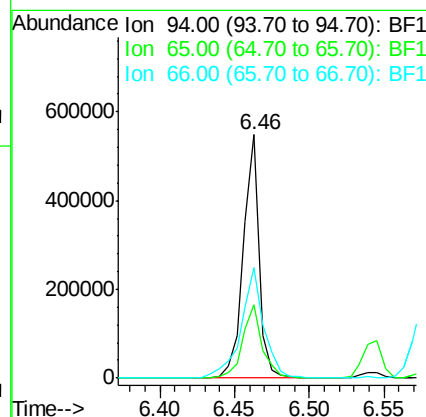
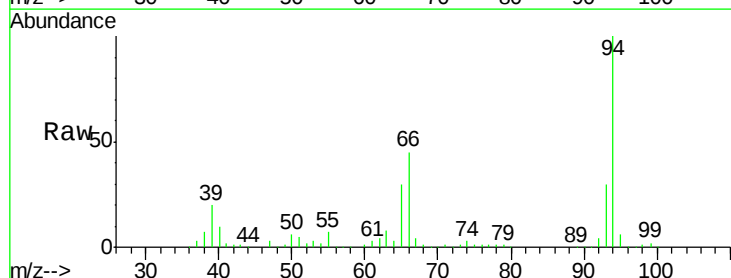
Manual Integrations
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#10
Phenol
Concen: 41.384 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	7.9	47.9
66	45.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.477 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

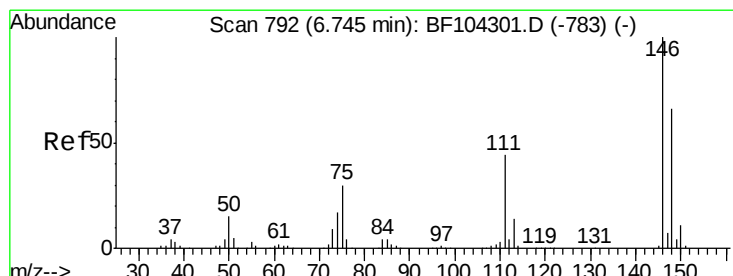
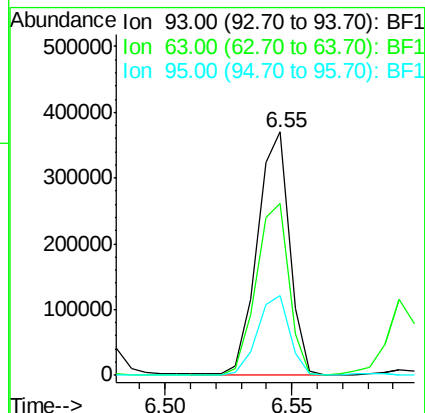
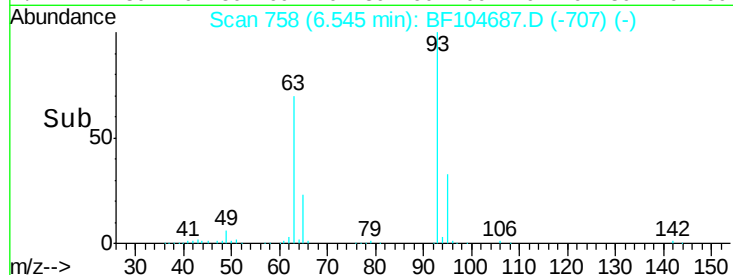
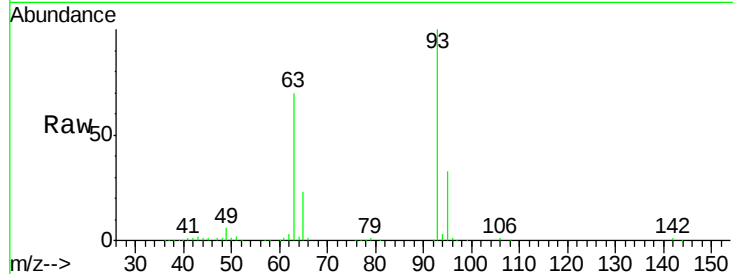
ClientSampleId :

PB108449BS

Tot Ion:	93	Resp:	328076
Ion Ratio	Lower	Upper	
93	100		
63	70.5	58.6	98.6
95	32.9	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.671 ng

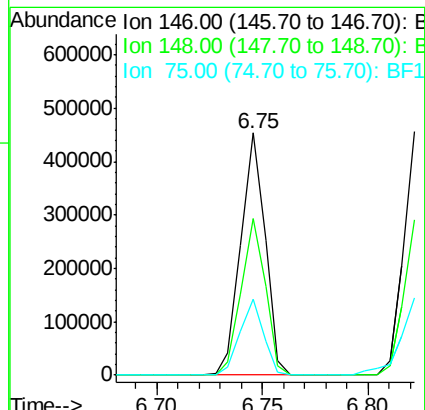
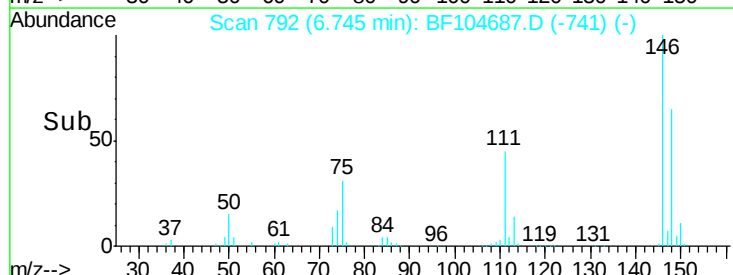
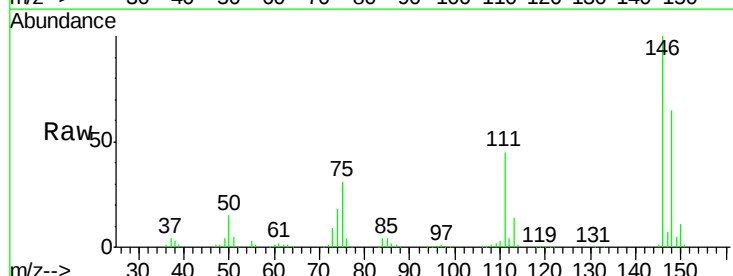
RT: 6.75 min Scan# 792

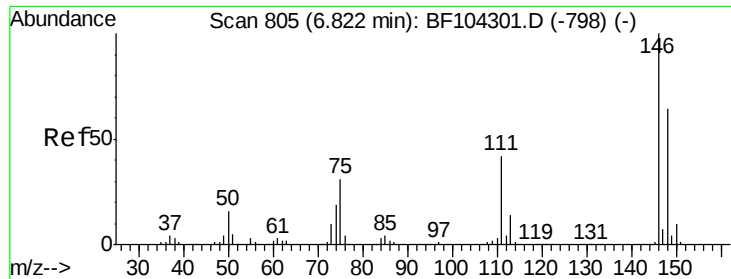
Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	146	Resp:	360659
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	31.2	24.2	36.4





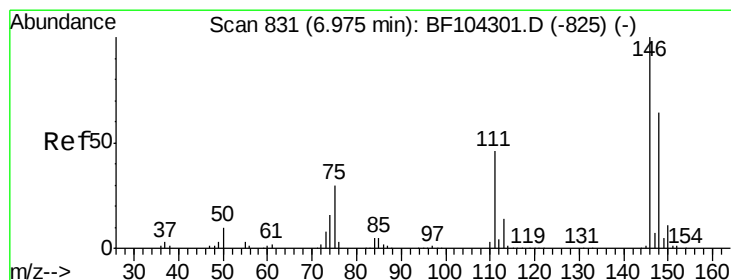
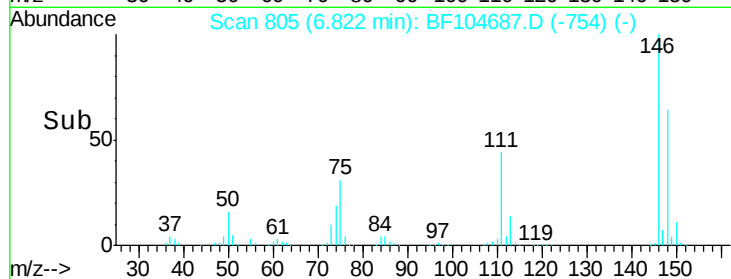
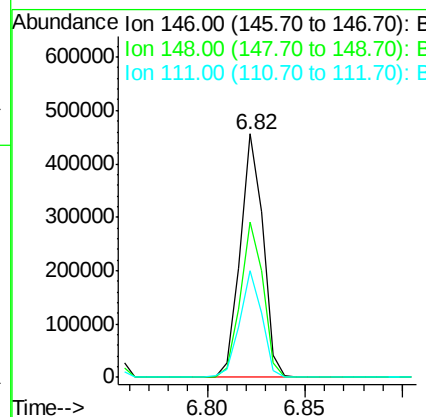
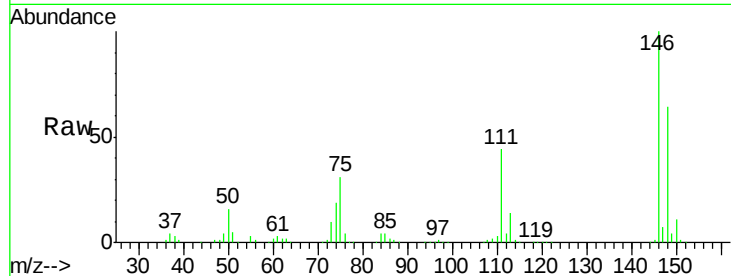
#13
 1,4-Dichlorobenzene
 Concen: 40.683 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	43.8	34.2	51.2

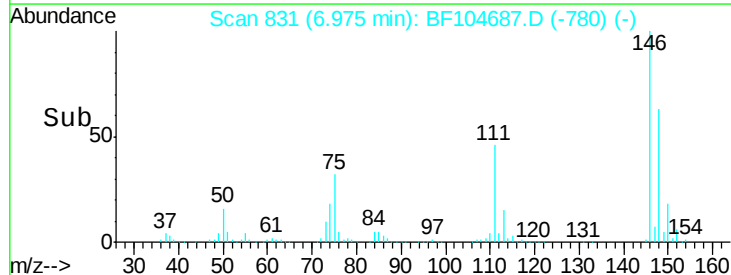
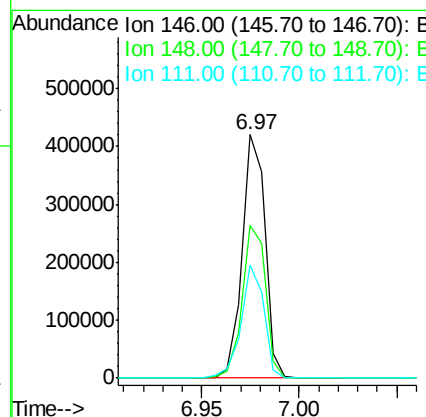
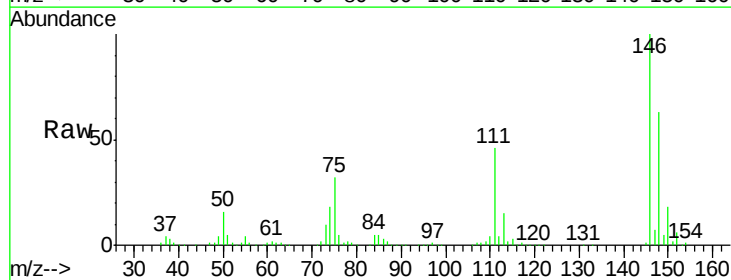
Manual Integrations
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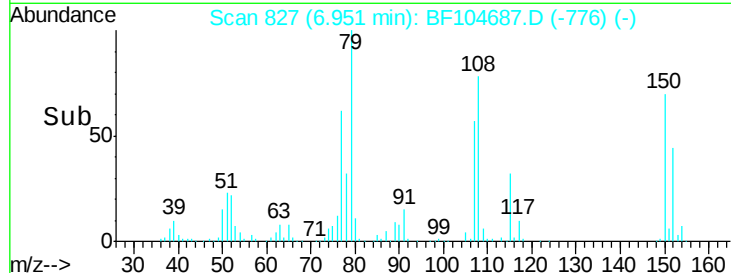
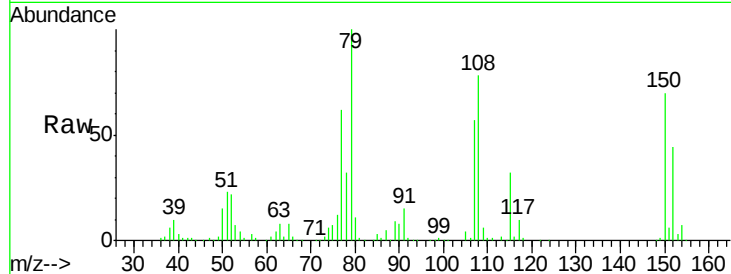
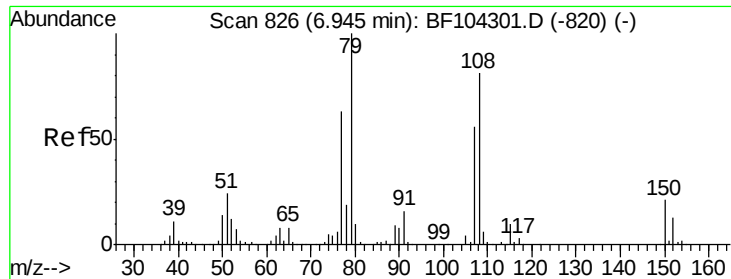
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#14
 1,2-Dichlorobenzene
 Concen: 40.783 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	46.3	36.0	54.0





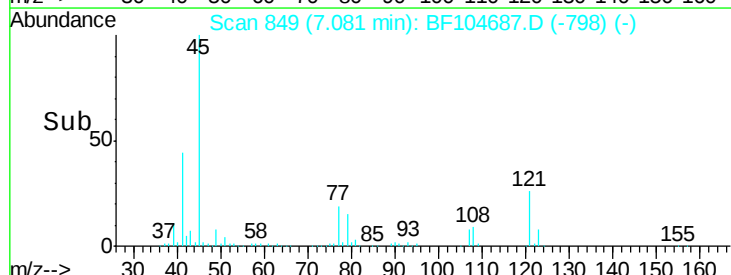
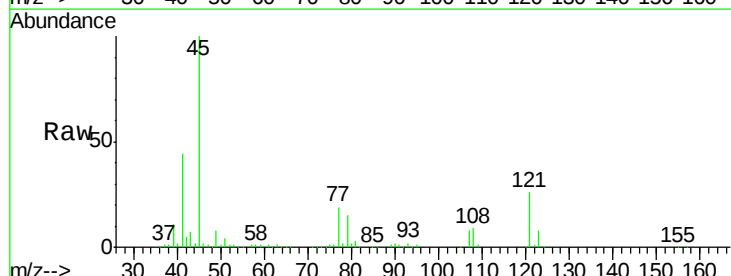
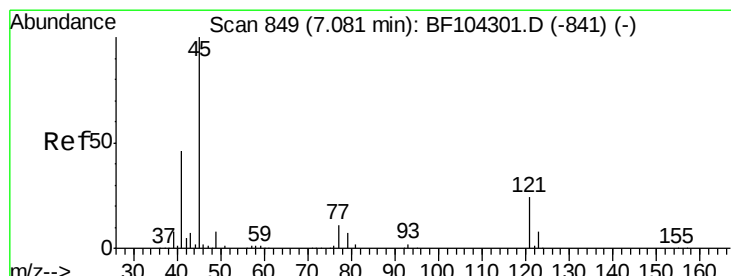
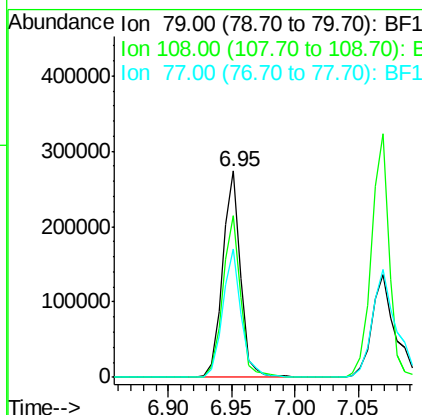
#15
Benzyl Alcohol
Concen: 37.959 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tot Ion	Ratio	Resp	Lower	Upper
79	100	269336		
108	78.3	65.1	97.7	
77	62.3	50.6	75.8	

Instrument :
BNA_F
ClientSampled :
PB108449BS

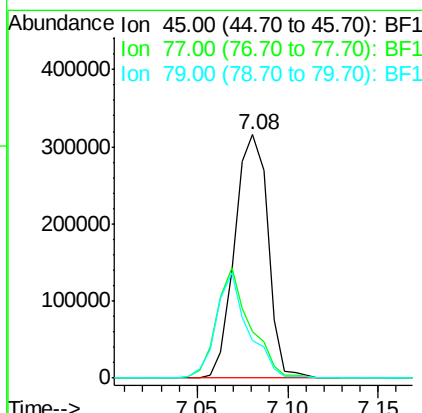
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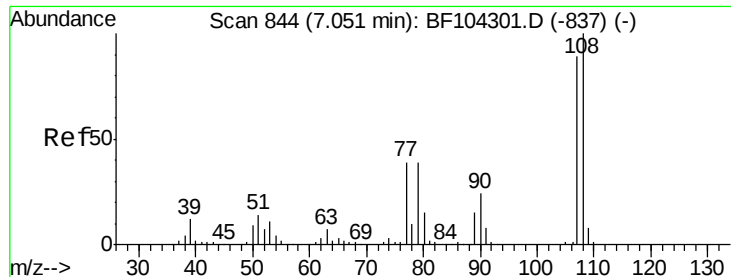
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.801 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	401550		
77	19.0	0.0	32.9	
79	15.4	0.0	29.6	





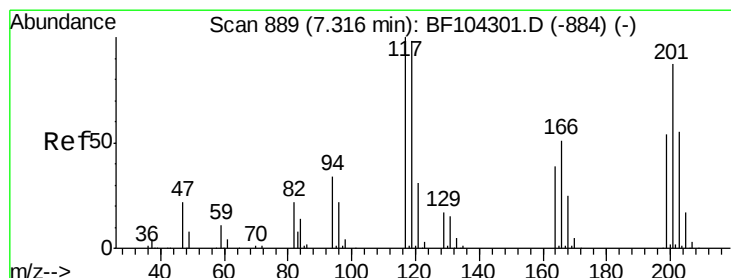
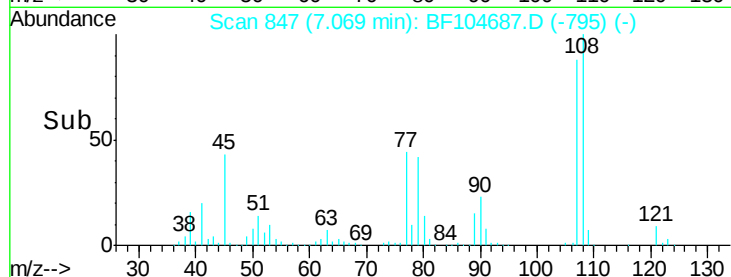
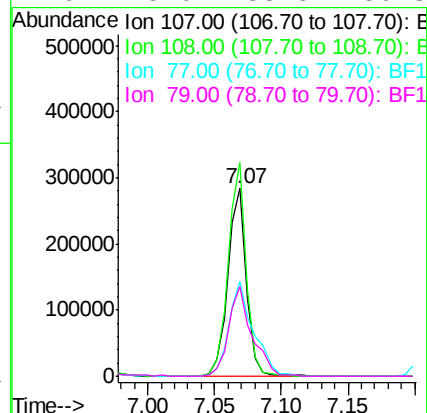
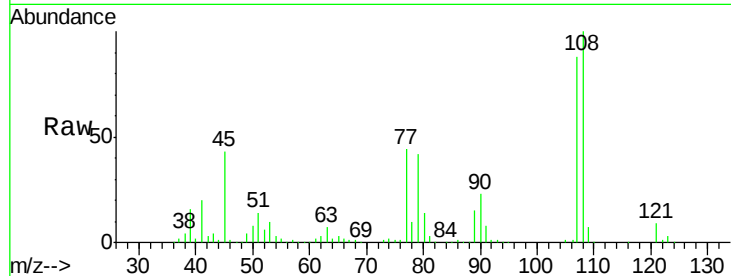
#17
2-Methylphenol
Concen: 40.096 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.7	137.5	
77	50.2	33.8	50.8	
79	48.0	33.8	50.8	

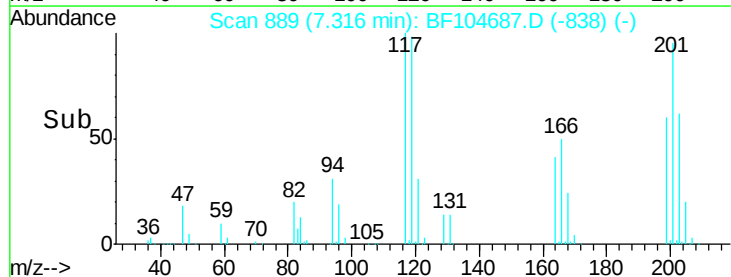
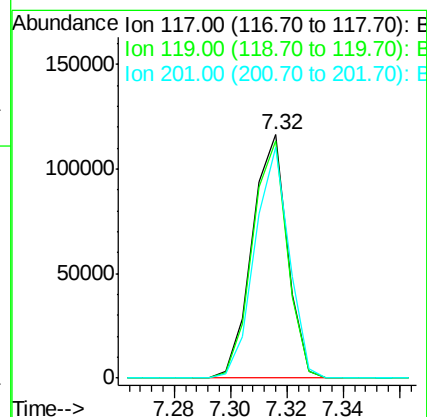
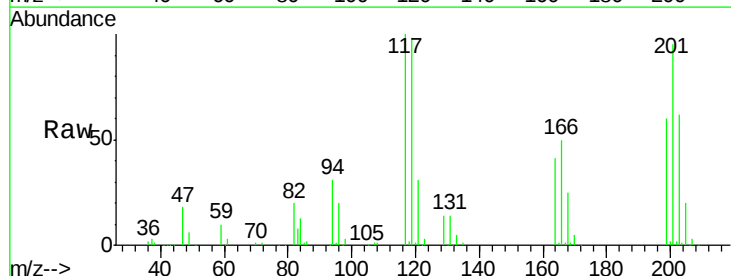
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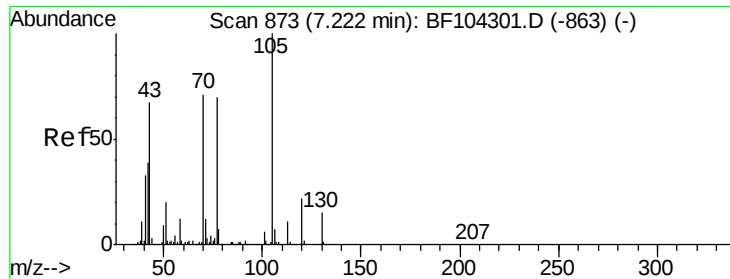
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#18
Hexachloroethane
Concen: 31.067 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.8	113.8	
201	95.0	75.7	113.5	





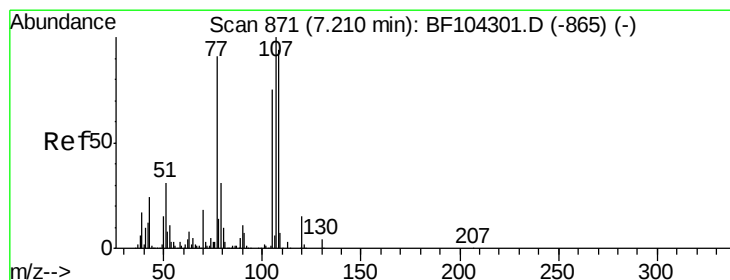
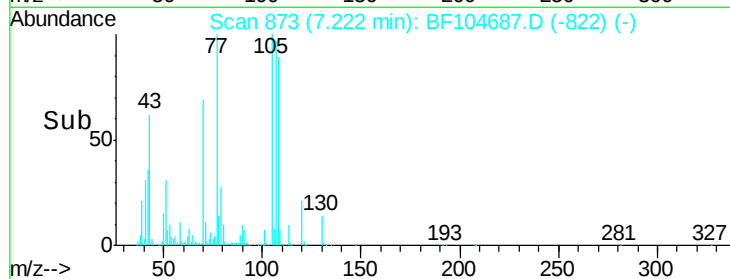
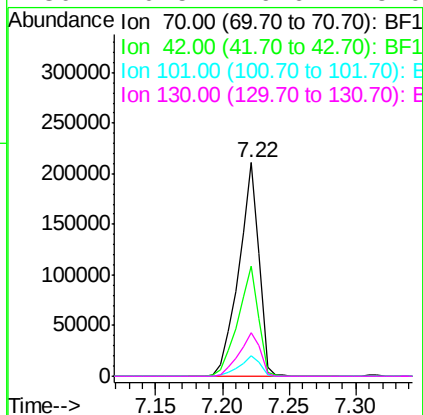
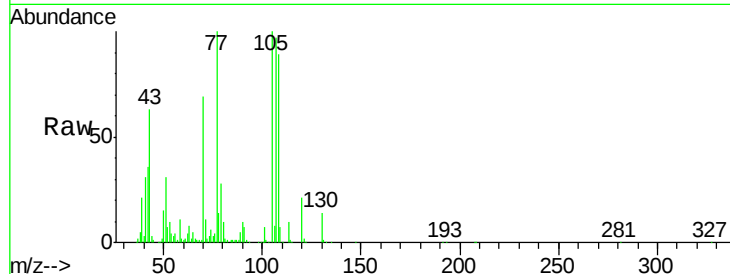
#19
n-Nitroso-di-n-propylamine
Concen: 36.277 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	9.8	7.4	11.2
130	20.5	16.6	25.0

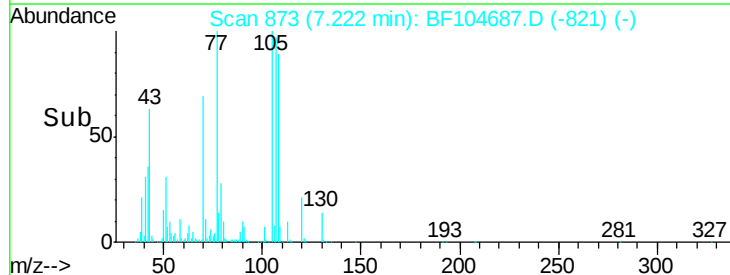
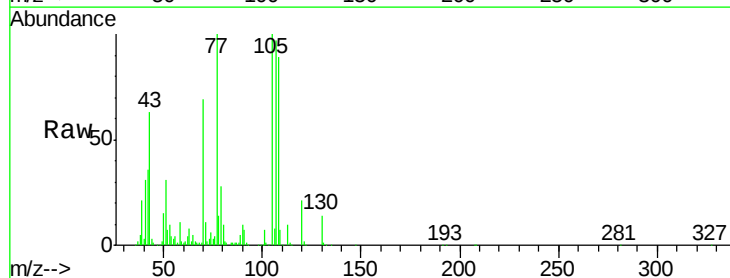
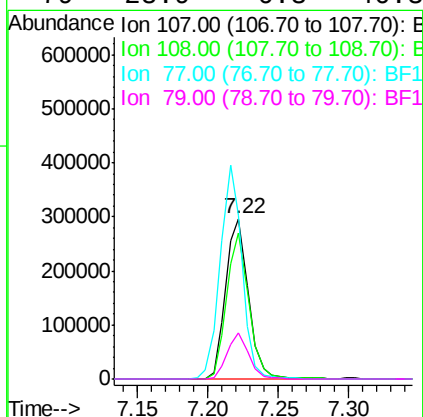
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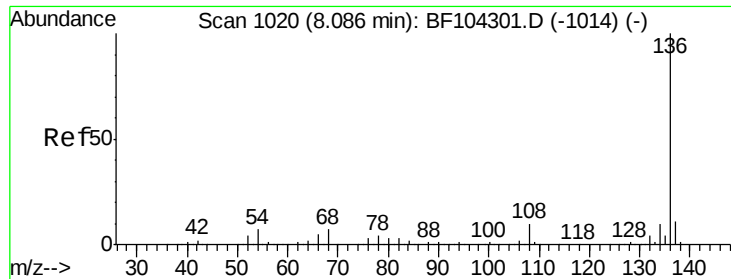
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#20
3+4-Methylphenols
Concen: 38.416 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	102.5	26.7	66.7#
79	28.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

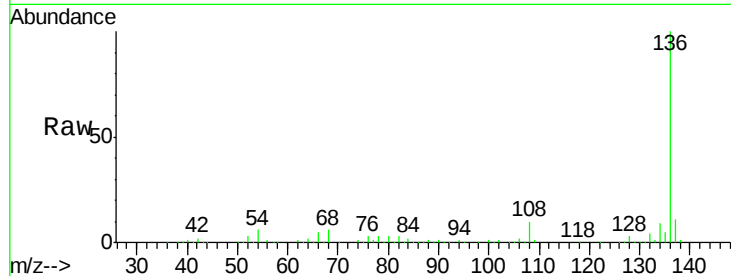
ClientSampleId :

PB108449BS

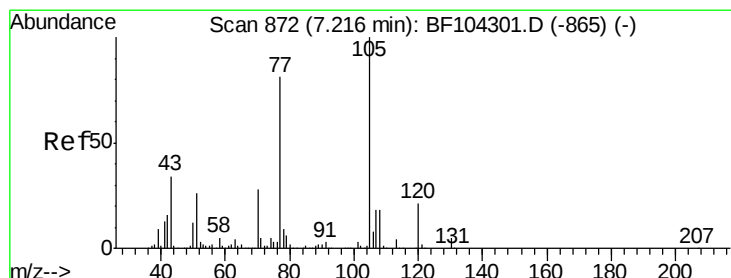
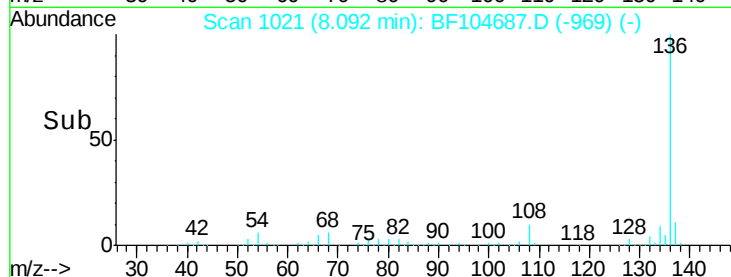
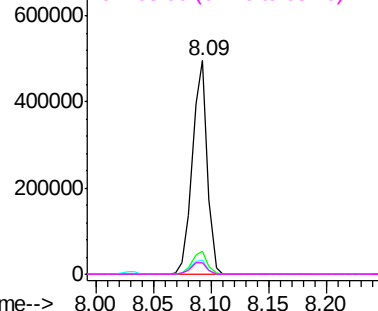
Tot Ion	Ratio	Resp	Lower	Upper
136	100	441852		
137	10.6	8.9	13.3	
54	6.3	6.6	9.8	
68	5.7	5.0	7.4	

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



#22

Acetophenone

Concen: 40.989 ng

RT: 7.22 min Scan# 872

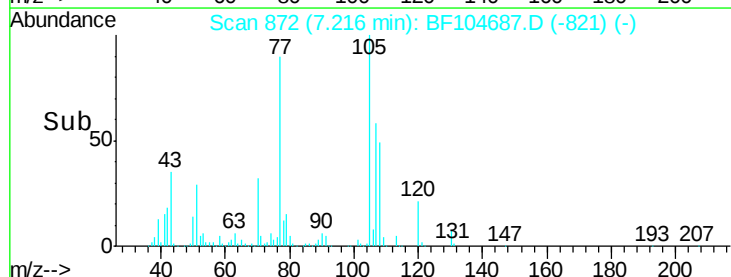
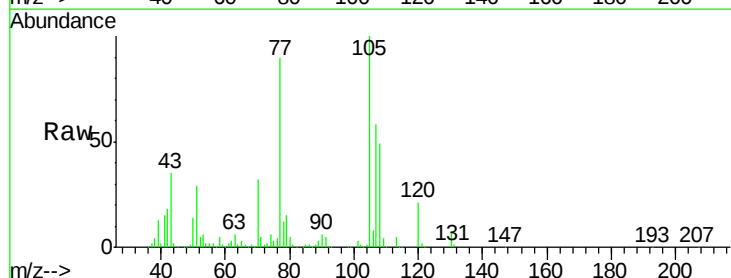
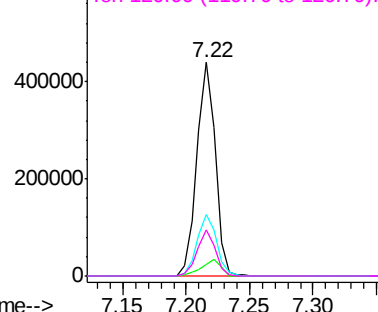
Delta R.T. -0.00 min

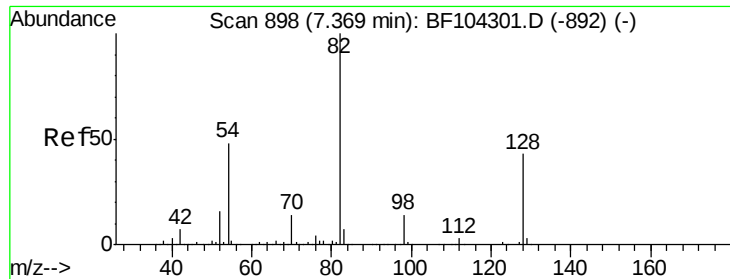
Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	445880		
71	5.3	4.4	6.6	
51	28.7	22.3	33.5	
120	21.3	16.9	25.3	

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





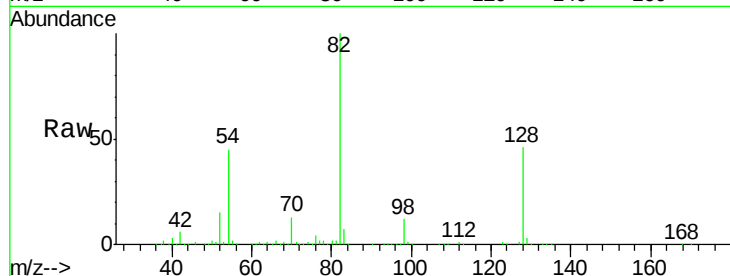
#23
Nitrobenzene-d5
Concen: 99.578 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

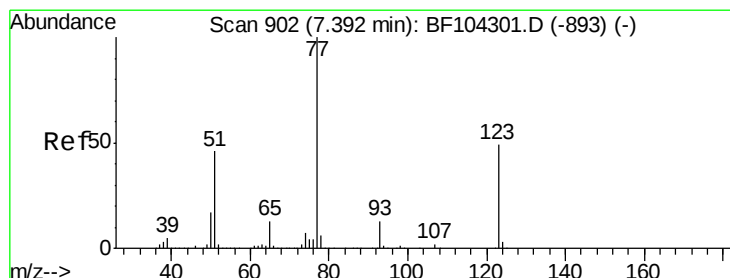
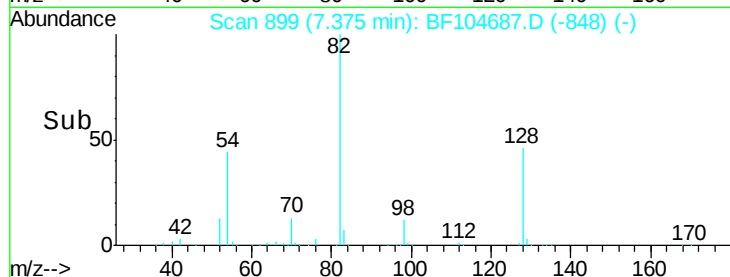
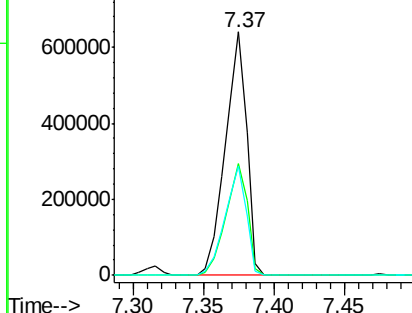
Tot Ion	Ratio	Resp	Lower	Upper
82	100	673815		
128	45.9	36.1	54.1	
54	45.0	41.4	62.2	

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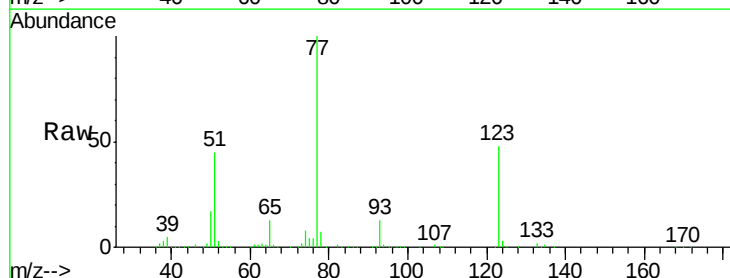


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

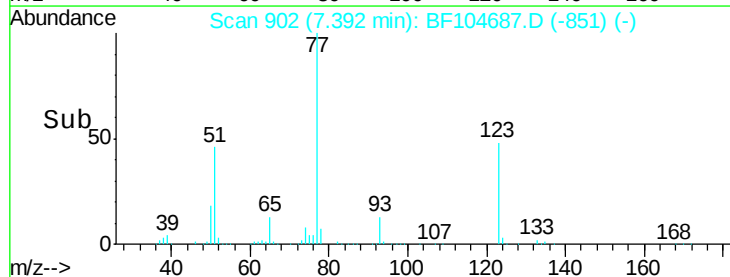
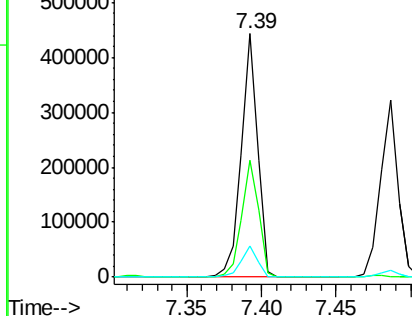


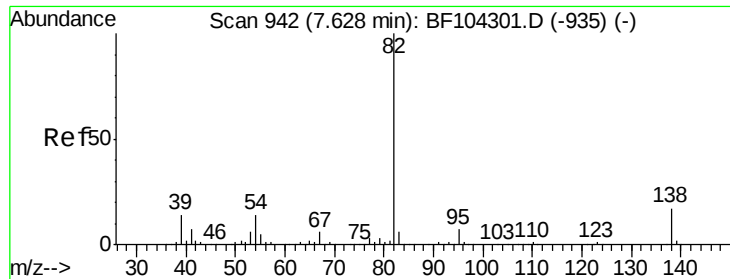
#24
Nitrobenzene
Concen: 45.643 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	340995		
123	48.1	37.9	56.9	
65	12.7	11.0	16.4	



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





#25

Isophorone

Concen: 42.970 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

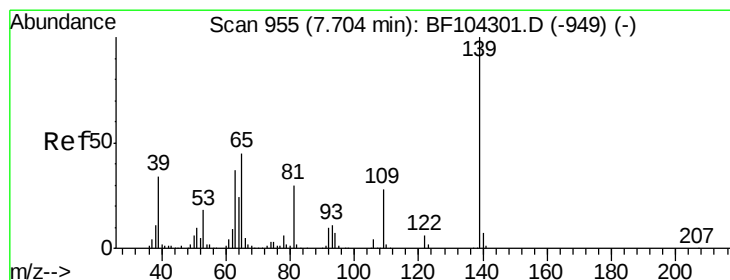
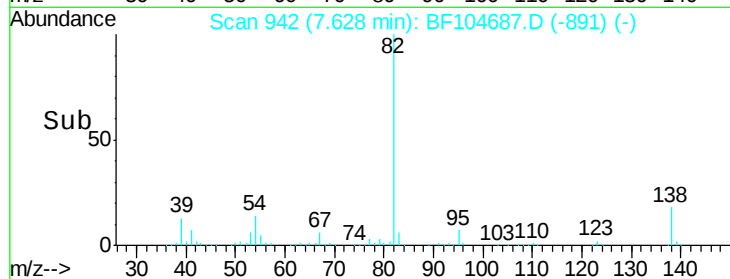
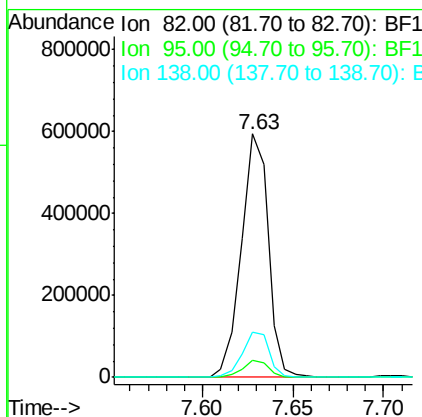
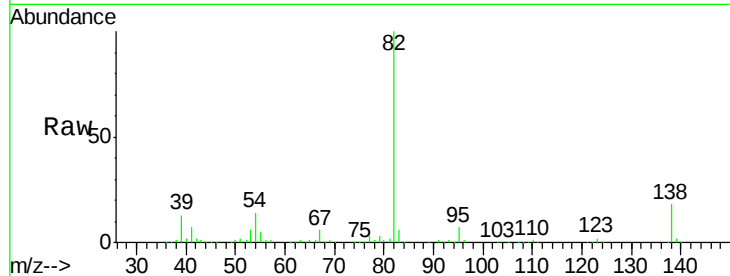
ClientSampleId :

PB108449BS

Tot Ion:	82	Resp:	614865
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.110 ng

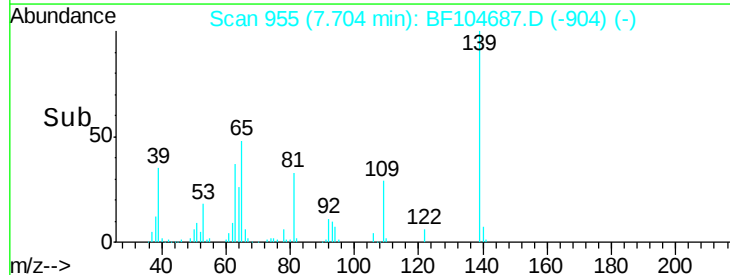
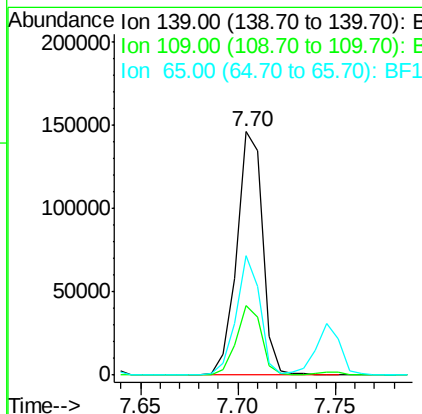
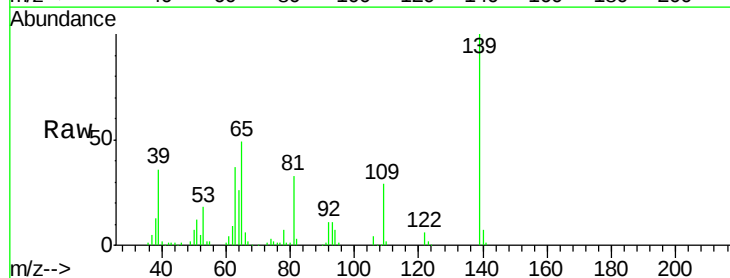
RT: 7.70 min Scan# 955

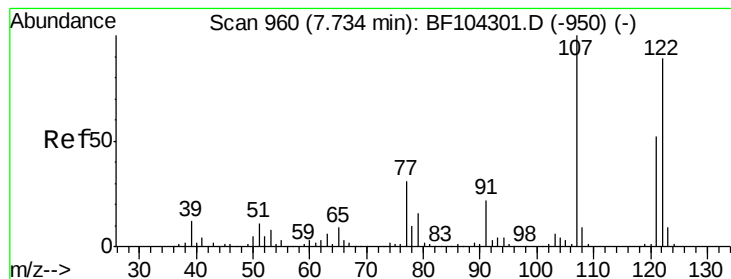
Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	139	Resp:	134157
Ion Ratio		Lower	Upper
139	100		
109	28.8	22.7	34.1
65	49.1	40.5	60.7





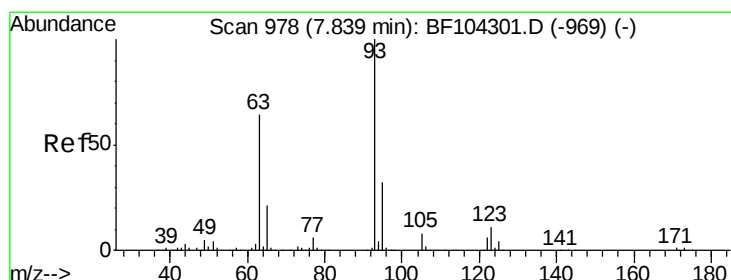
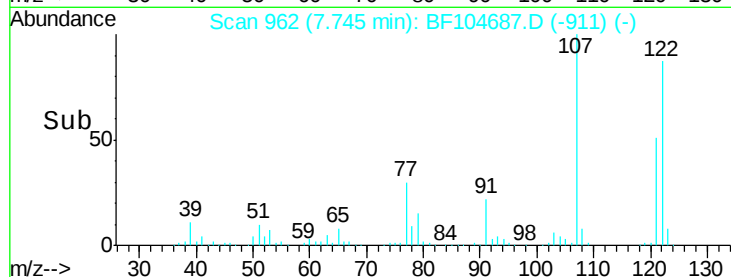
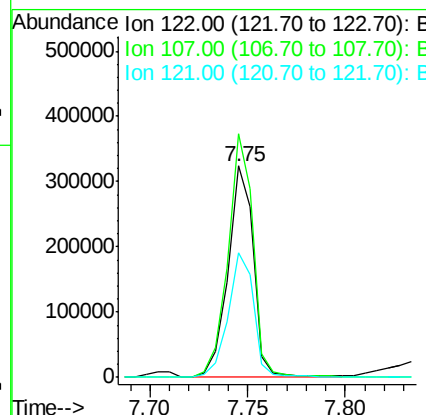
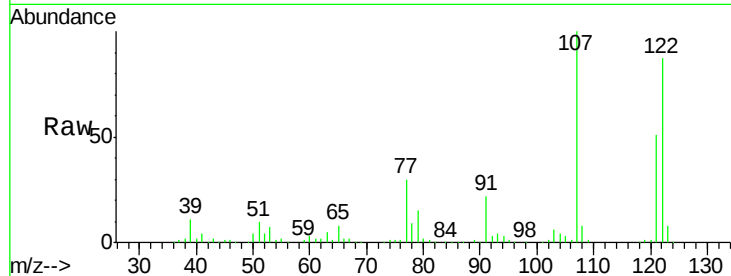
#27
2,4-Dimethylphenol
Concen: 46.107 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampled :
PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	291169		
107	115.3	91.2	136.8	
121	59.0	47.2	70.8	

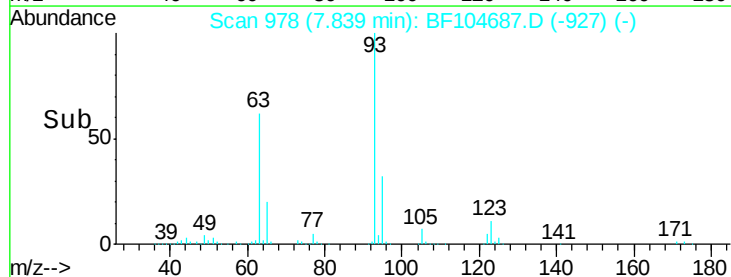
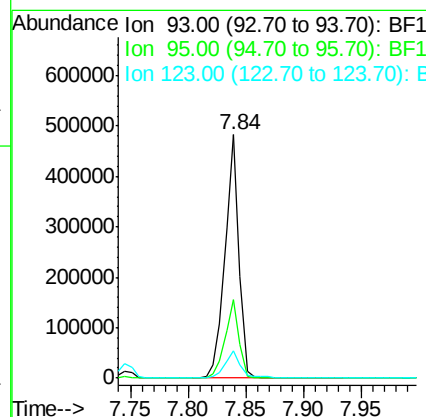
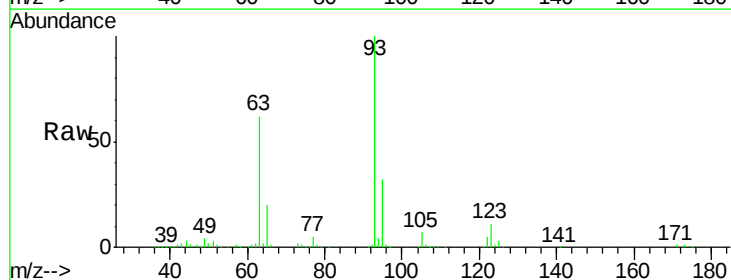
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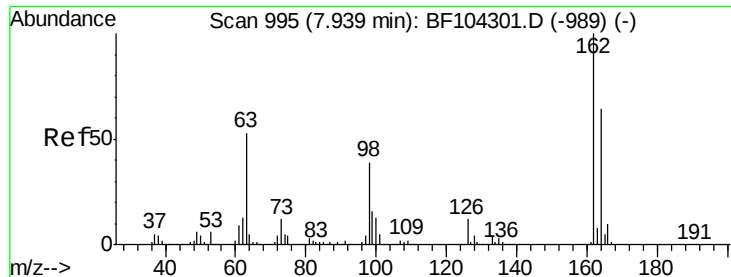
Sohil
4/23/2018 2:18:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.186 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	404074		
95	32.2	26.3	39.5	
123	11.2	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 44.450 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

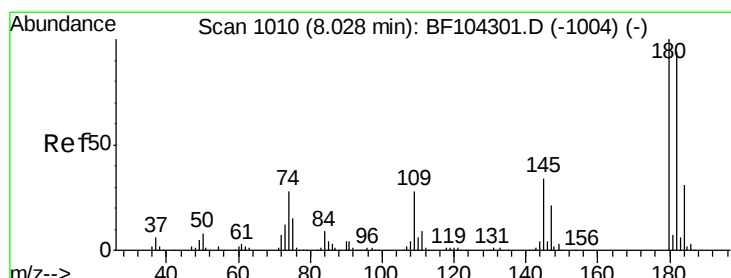
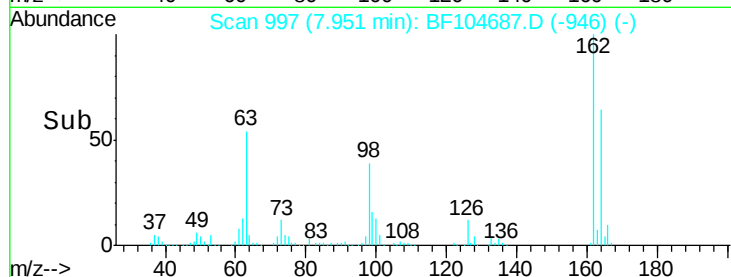
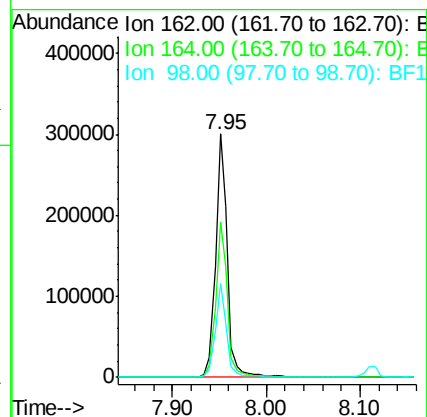
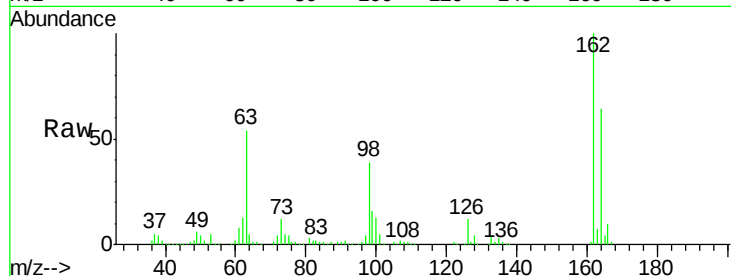
ClientSampleId :

PB108449BS

Tot Ion:	162	Resp:	267834
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.7	82.7
98	38.8	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 42.048 ng

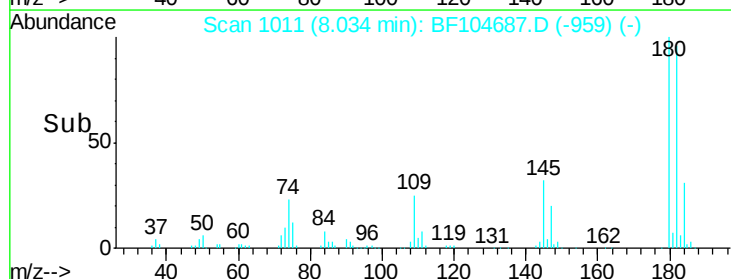
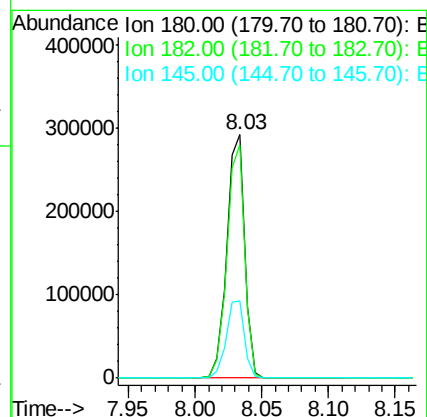
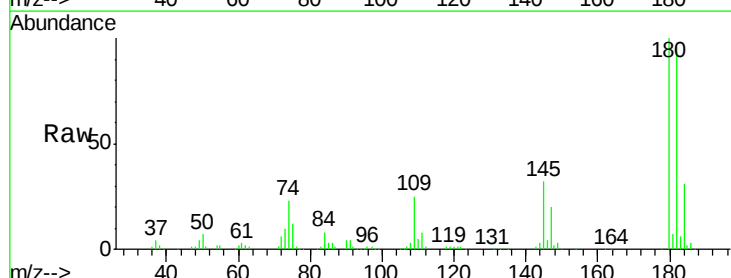
RT: 8.03 min Scan# 1011

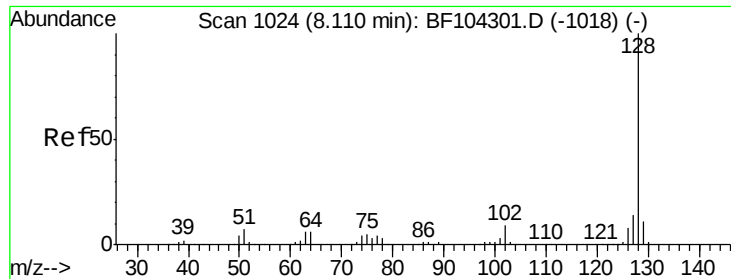
Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	180	Resp:	278055
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.8	115.2
145	31.7	26.5	39.7





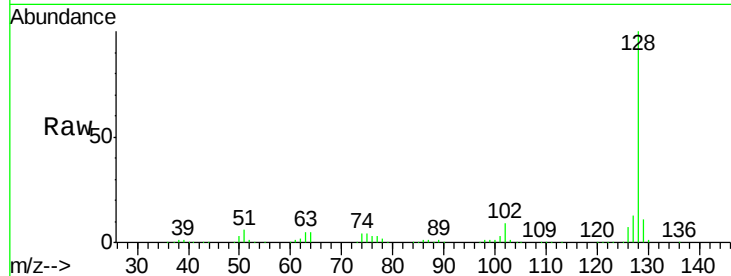
#31
Naphthalene
Concen: 42.097 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

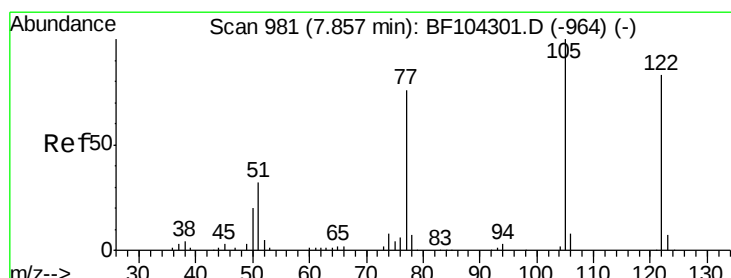
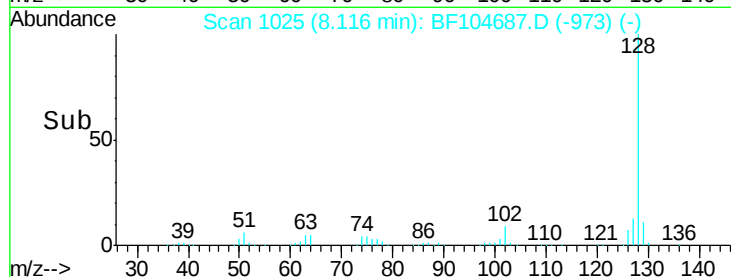
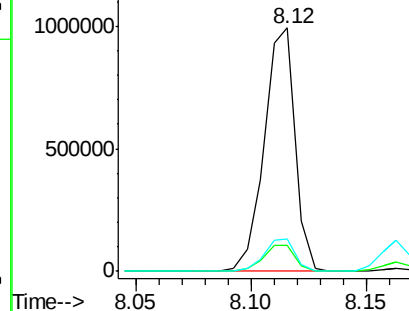
Tot Ion	Ratio	Resp	Lower	Upper
128	100	926218		
129	10.9		8.8	13.2
127	13.4		10.9	16.3

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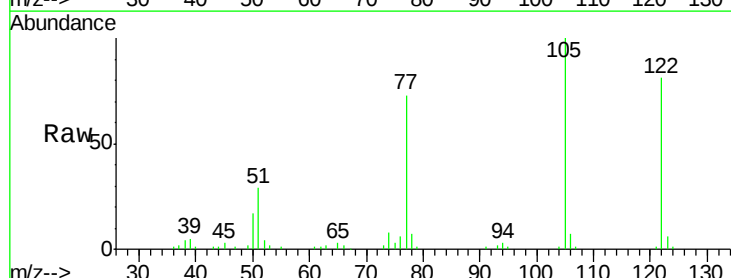


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

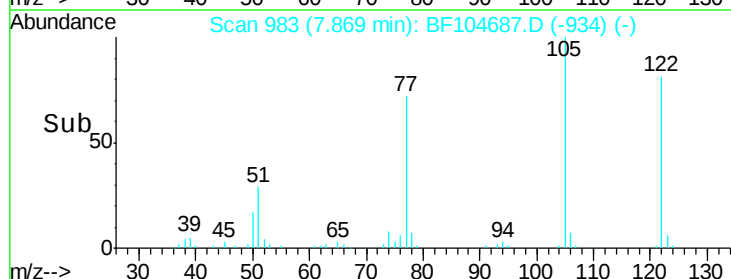
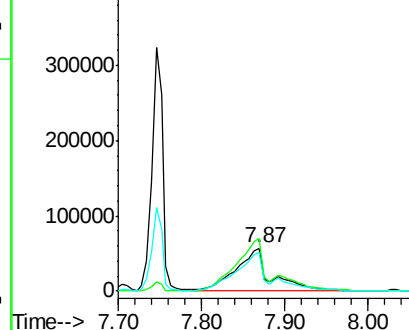


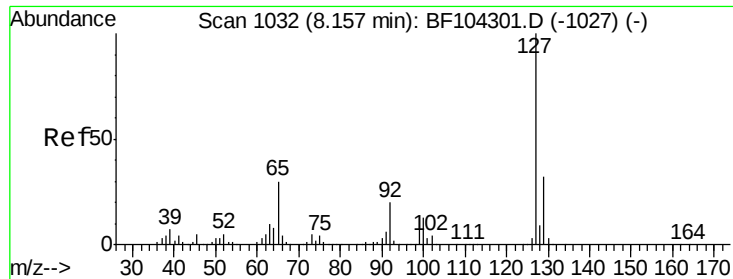
#32
Benzoic acid
Concen: 31.040 ng m
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	156400		
105	123.2		101.1	141.1
77	89.6		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





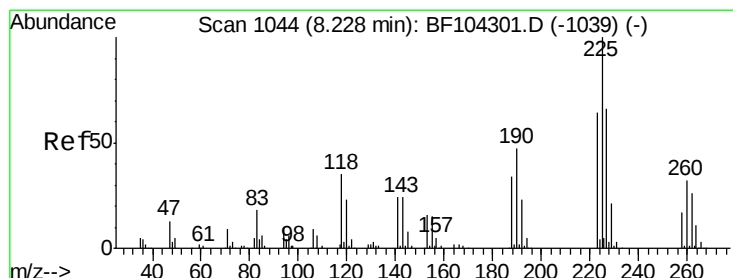
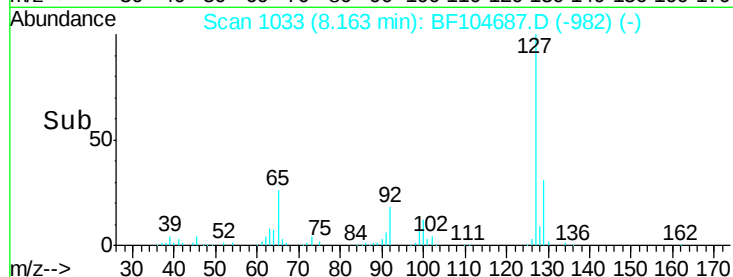
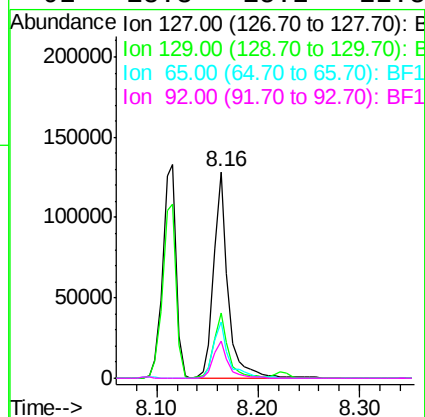
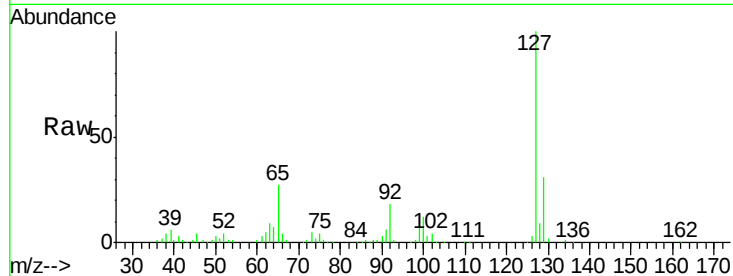
#33
4-Chloroaniline
Concen: 13.486 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5		25.9	38.9	
65	27.1		25.0	37.4	
92	18.3		15.2	22.8	

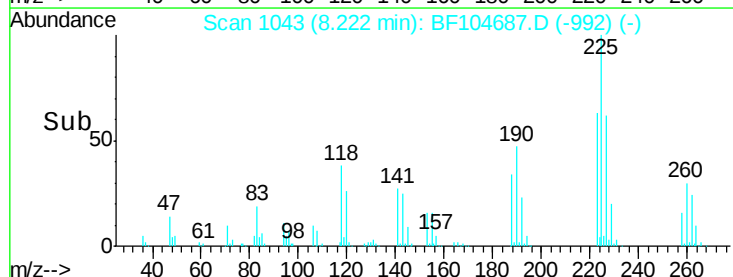
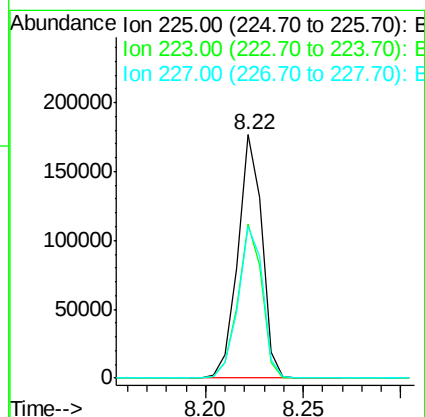
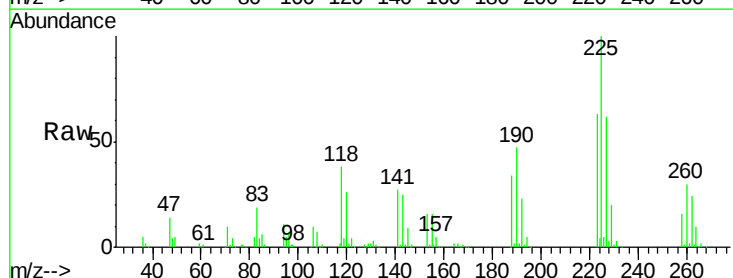
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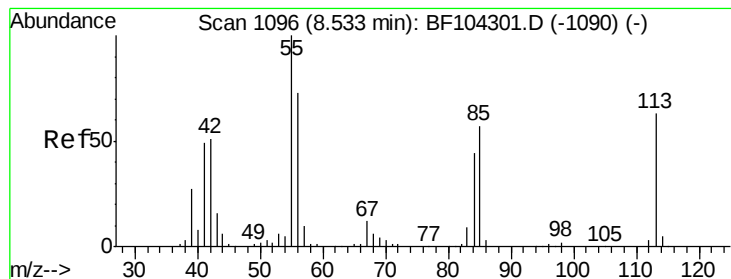
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#34
Hexachlorobutadiene
Concen: 41.724 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1		50.6	76.0	
227	62.4		51.9	77.9	





#35

Caprolactam

Concen: 41.320 ng/mL

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

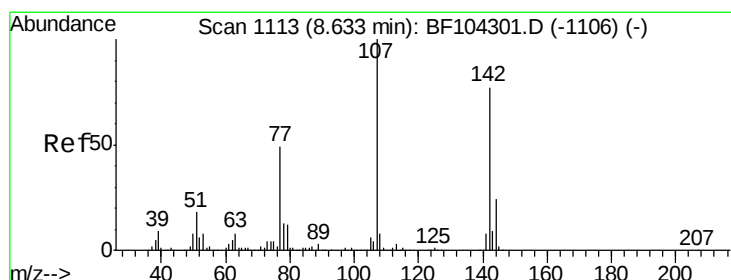
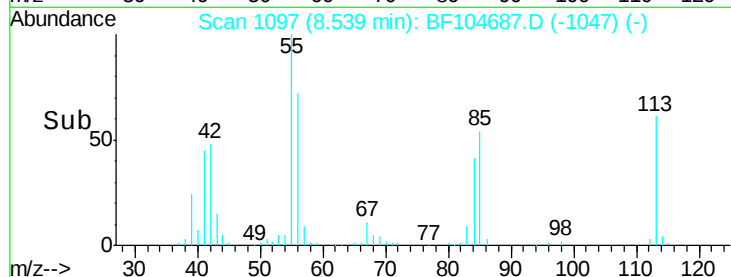
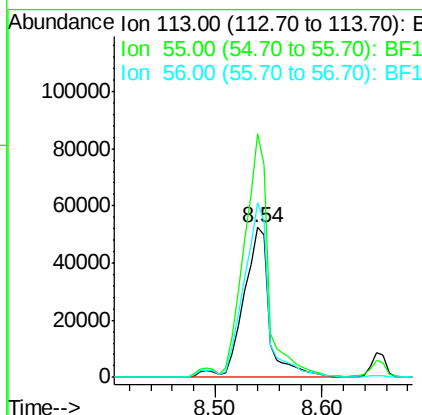
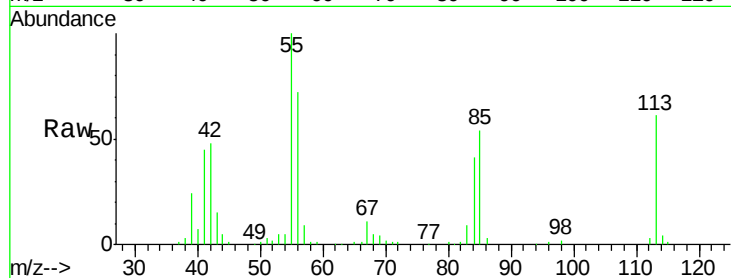
ClientSampleID :

PB108449BS

Tot Ion:	113	Resp:	86854
Ion	Ratio	Lower	Upper
113	100		
55	162.8	163.3	203.3#
56	116.8	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 42.344 ng/mL

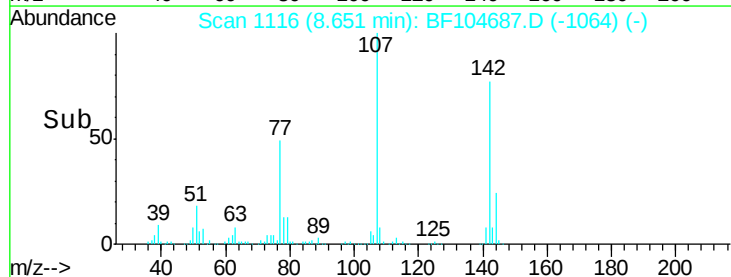
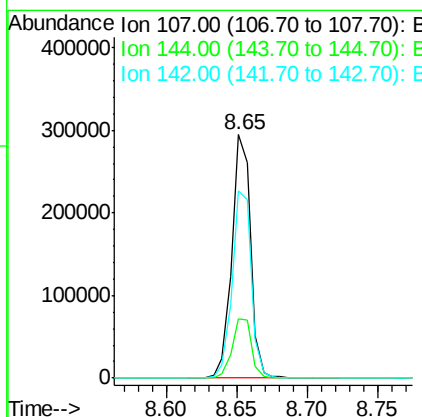
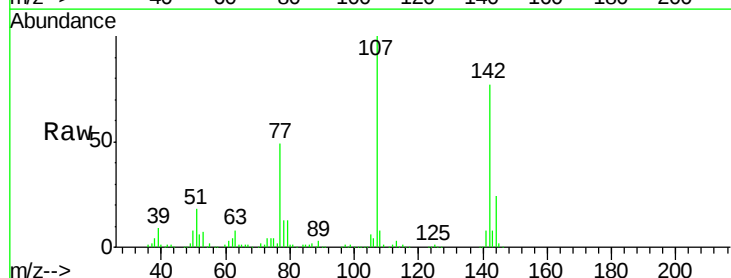
RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	107	Resp:	273580
Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.5	30.7
142	76.8	62.0	93.0





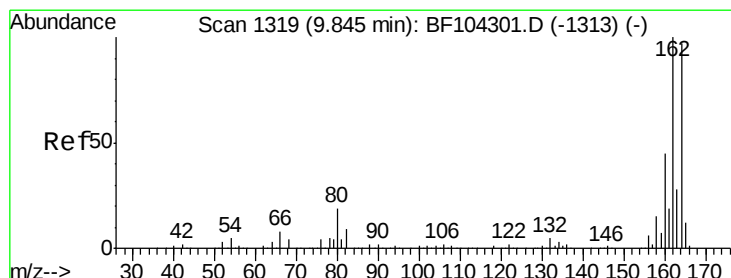
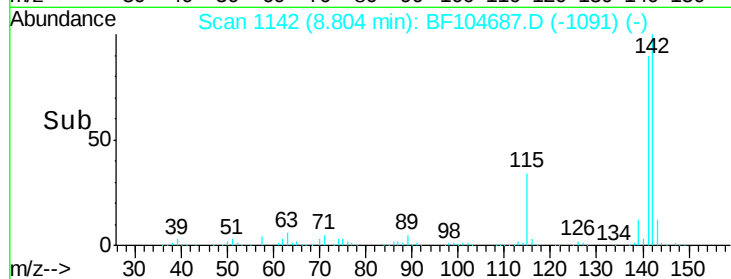
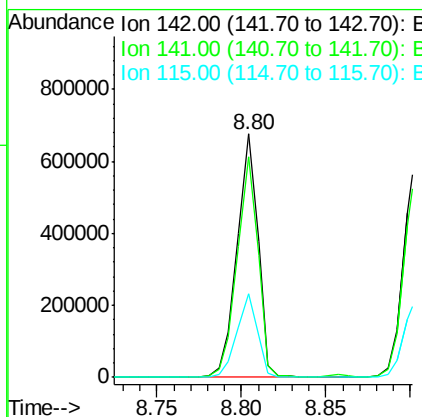
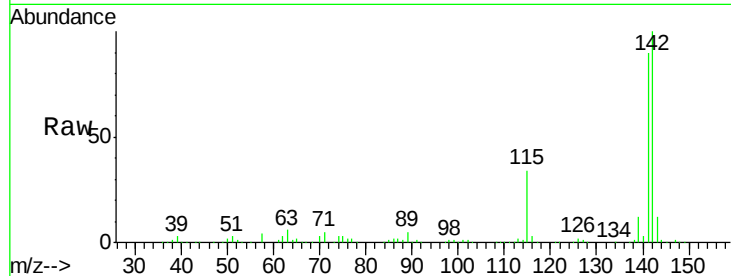
#37
2-Methylnaphthalene
Concen: 41.152 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	34.2	26.1	39.1

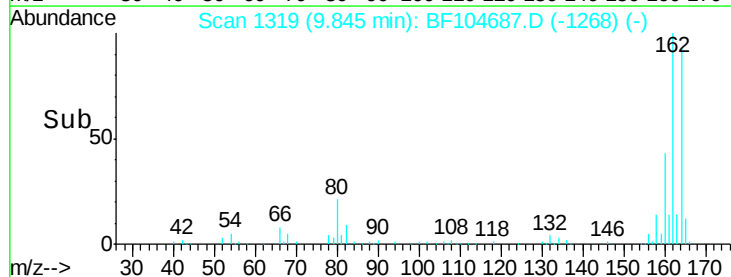
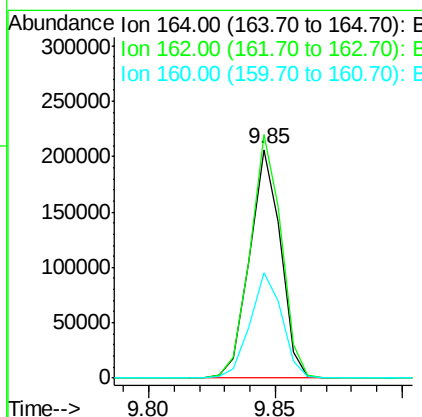
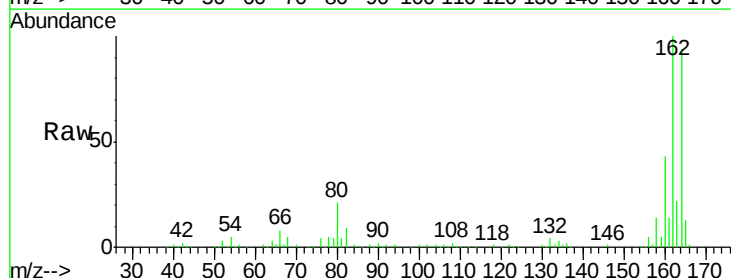
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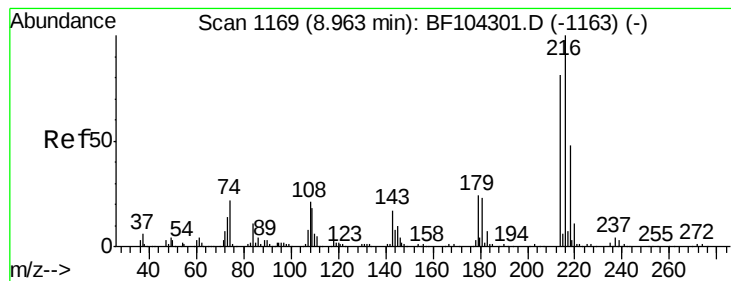
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.775 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

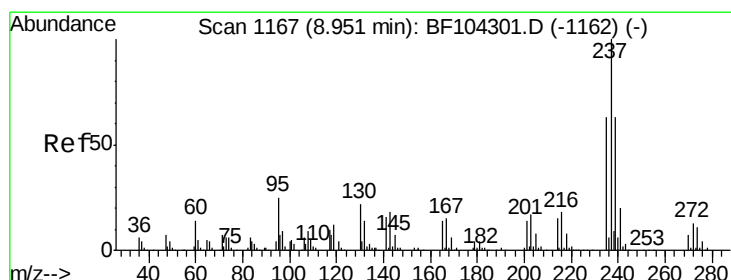
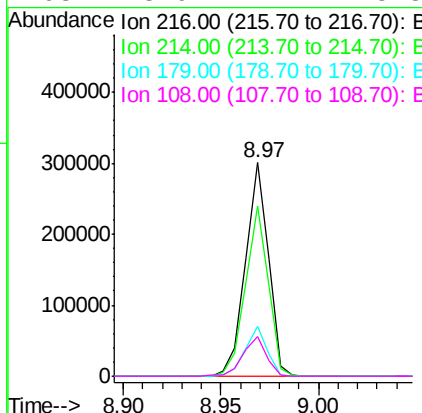
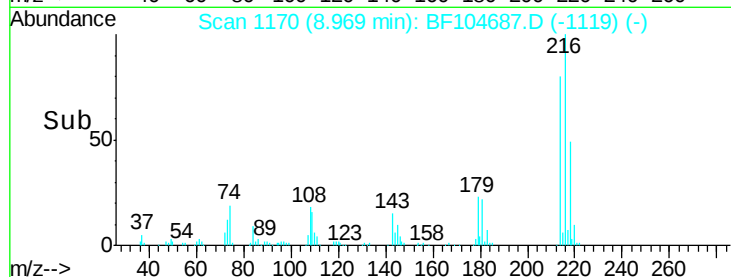
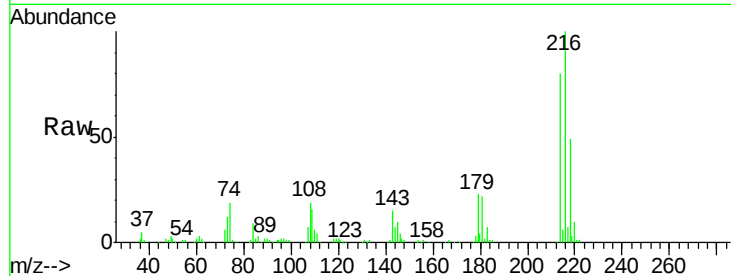
ClientSampleId :

PB108449BS

Tot Ion:	216	Resp:	245844
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.4
179	22.4	18.1	27.1
108	18.9	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 7.401 ng

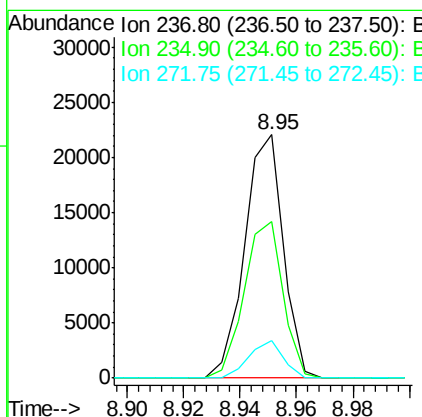
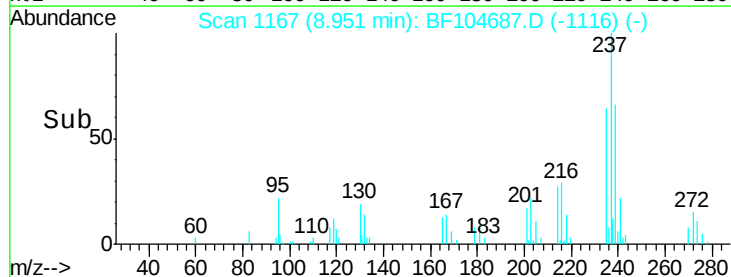
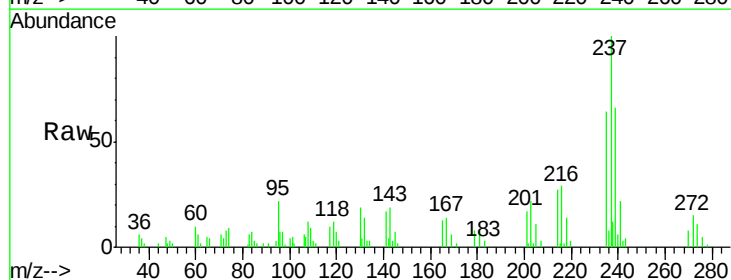
RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	237	Resp:	20885
Ion Ratio	Lower	Upper	
237	100		
235	64.5	44.8	84.8
272	15.4	0.0	33.3





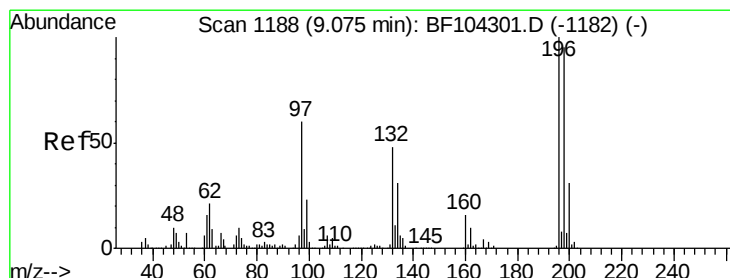
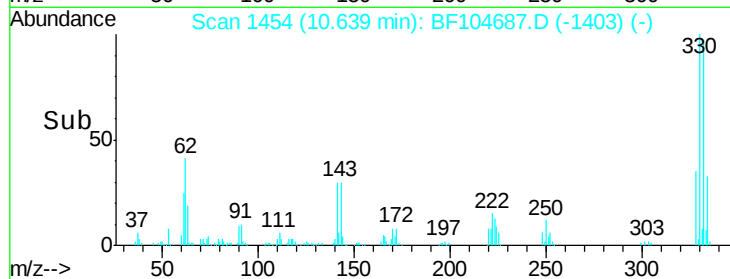
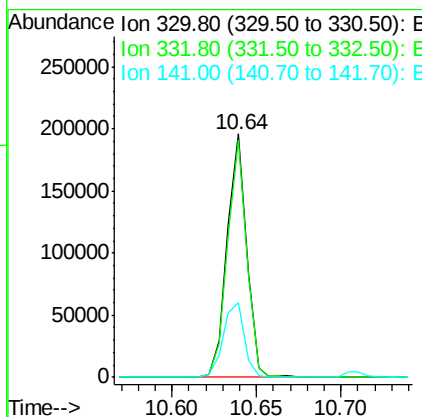
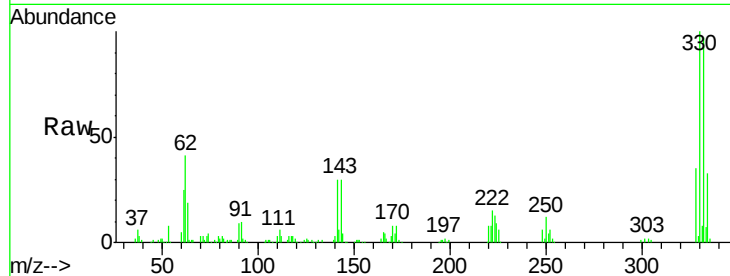
#41
 2,4,6-Tribromophenol
 Concen: 86.531 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	158050		
332	95.8	77.0	115.6	
141	33.2	29.9	44.9	

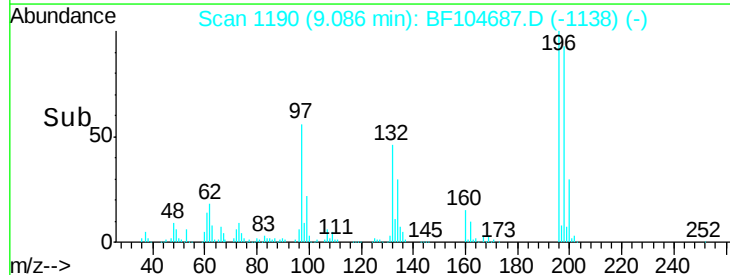
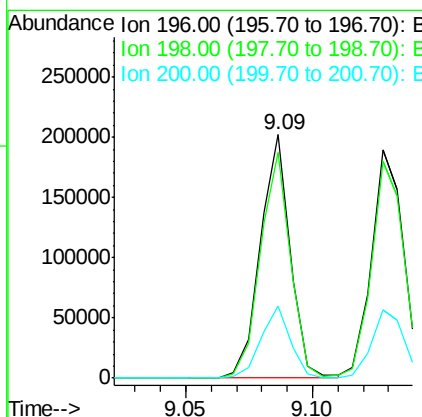
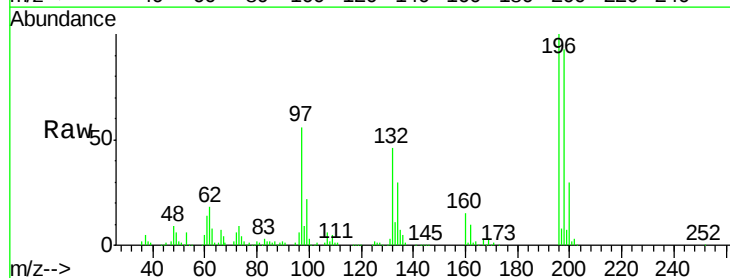
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#42
 2,4,6-Trichlorophenol
 Concen: 47.628 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166647		
198	92.9	75.7	113.5	
200	29.8	24.5	36.7	





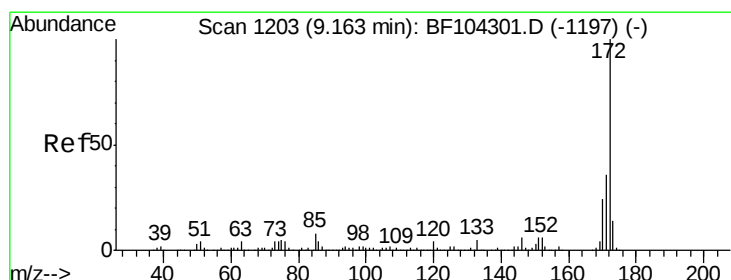
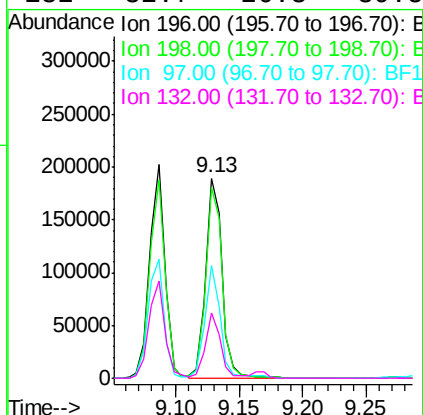
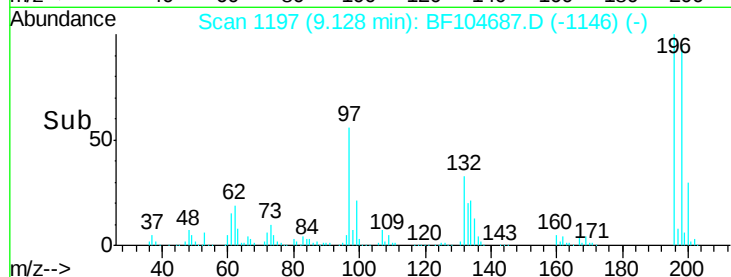
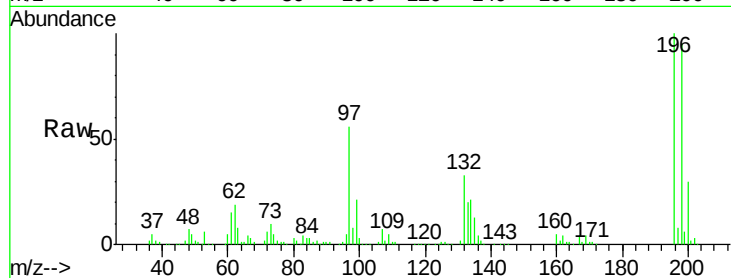
#43
 2,4,5-Trichlorophenol
 Concen: 43.932 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	172015		
198	95.4	74.6	112.0	
97	56.1	42.9	64.3	
132	32.7	26.3	39.5	

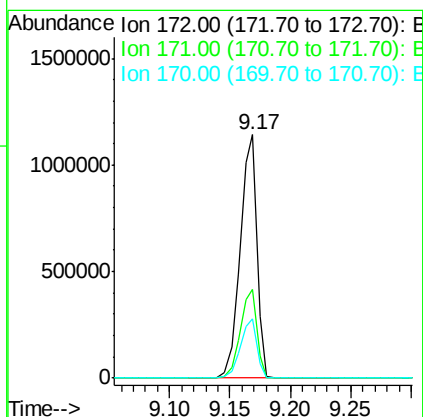
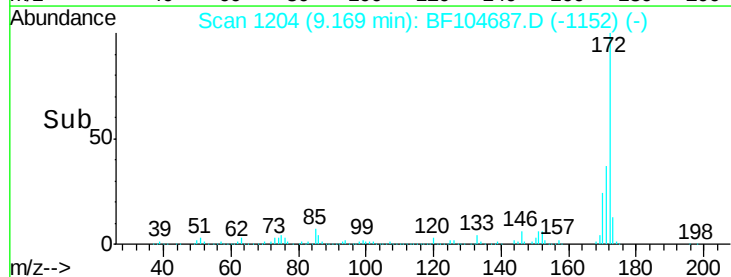
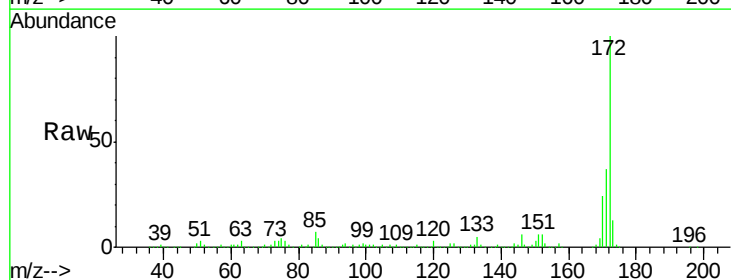
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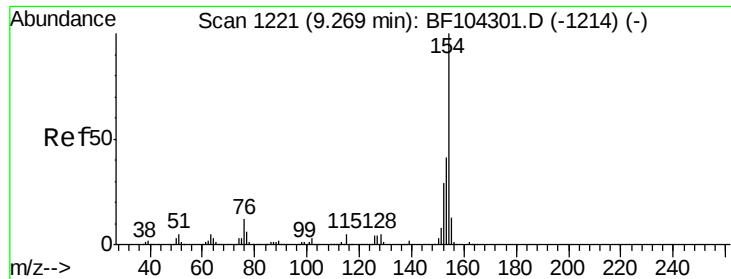
Sohil
 4/23/2018 2:18:32 PM



#44
 2-Fluorobiphenyl
 Concen: 98.817 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1101419		
171	36.7	29.7	44.5	
170	24.4	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 45.305 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

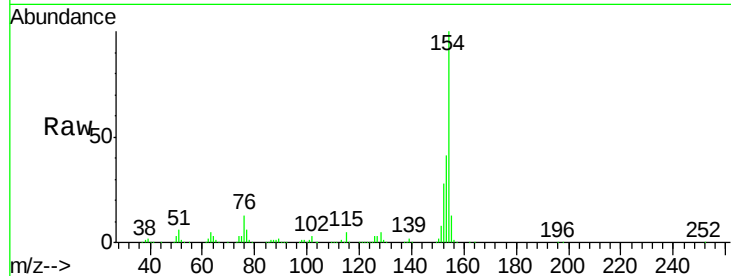
ClientSampled :

PB108449BS

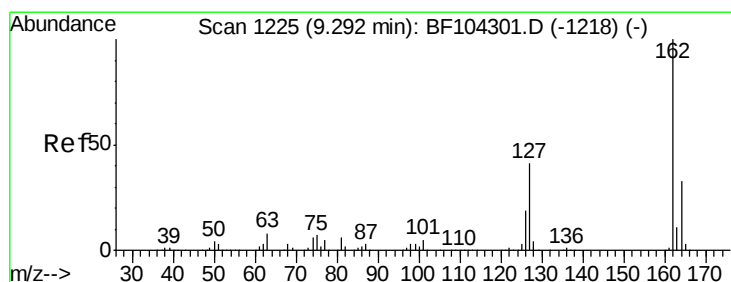
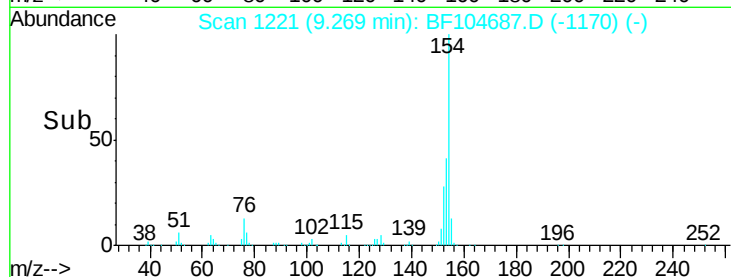
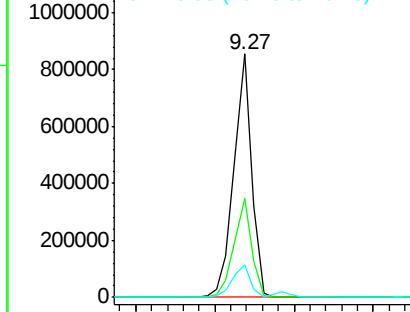
Tot Ion:	154	Resp:	670145
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	13.2	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 44.271 ng

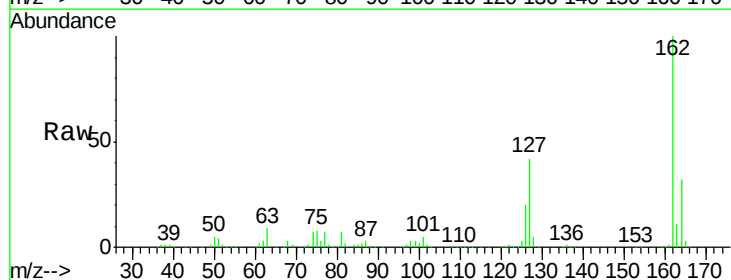
RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

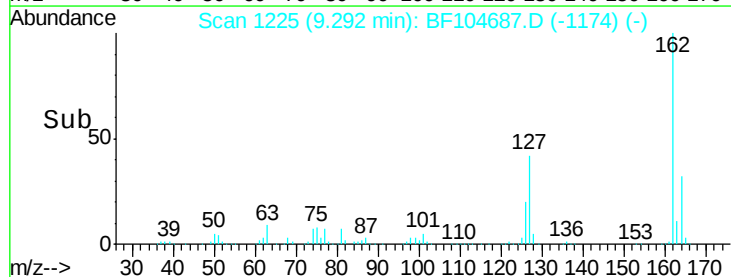
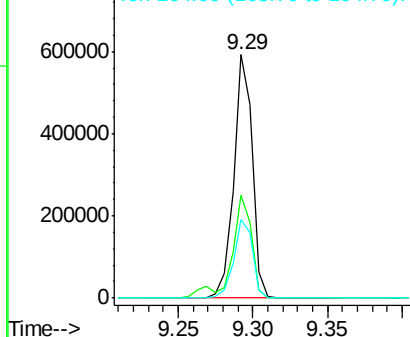
Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	162	Resp:	517252
Ion Ratio	Lower	Upper	
162	100		
127	42.1	33.9	50.9
164	32.3	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





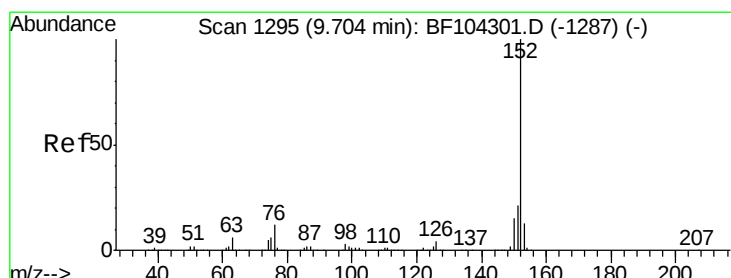
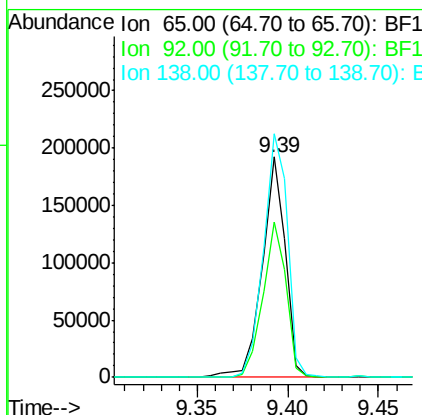
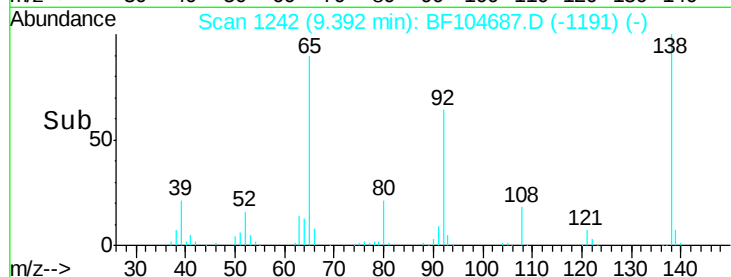
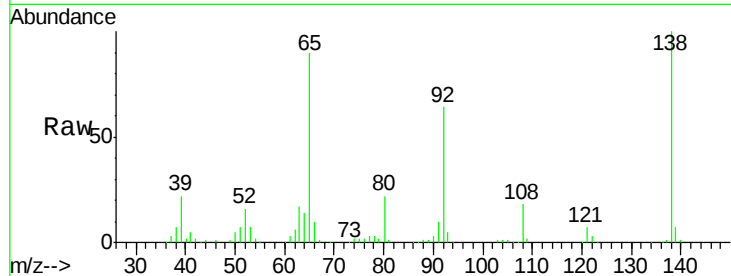
#47
 2-Nitroaniline
 Concen: 59.041 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleID :
 PB108449BS

Tot Ion:	65	Resp:	170593
Ion Ratio	Lower	Upper	
65	100		
92	70.6	55.8	83.6
138	110.6	91.2	136.8

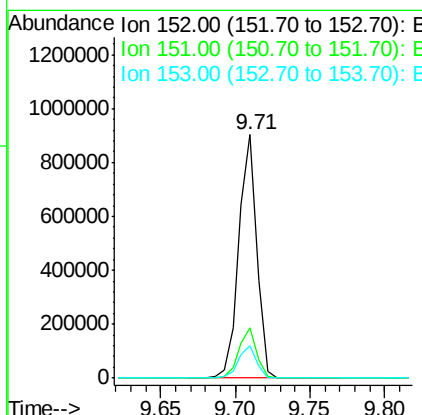
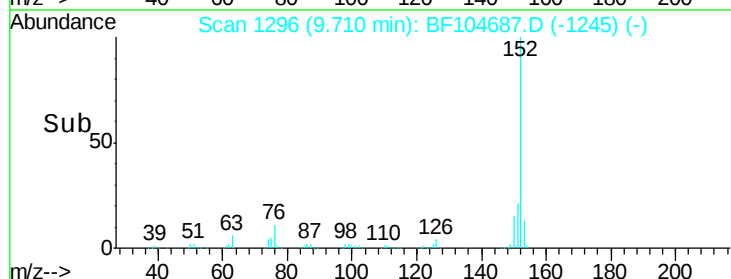
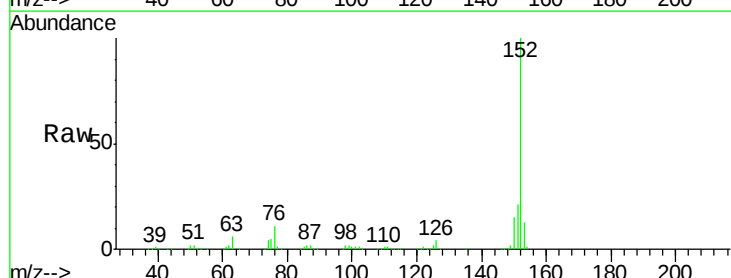
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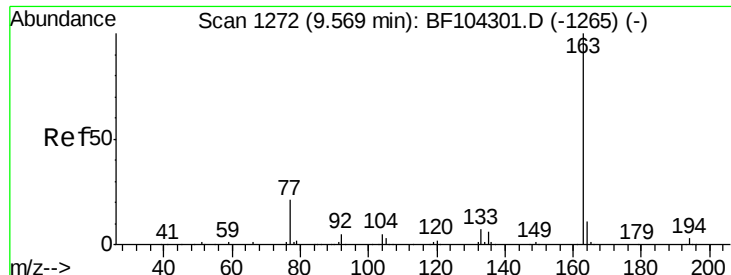
Sohil
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#48
 Acenaphthylene
 Concen: 41.589 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion:	152	Resp:	762376
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.1	10.7	16.1





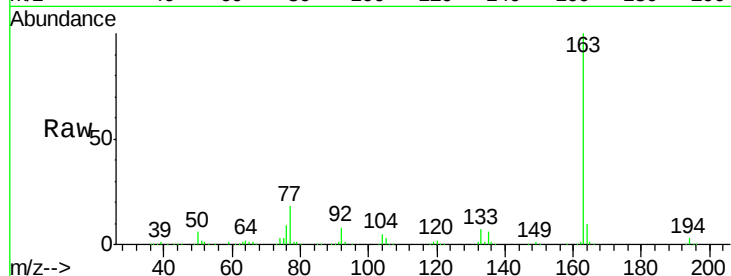
#49
Dimethylphthalate
Concen: 45.721 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

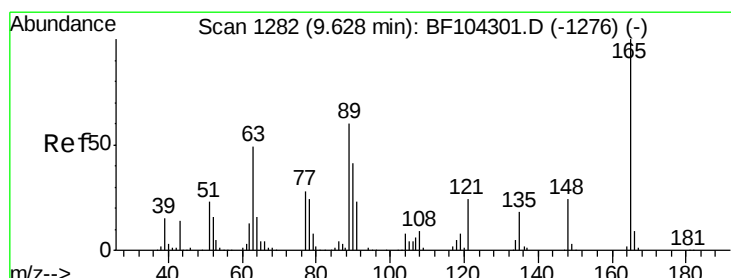
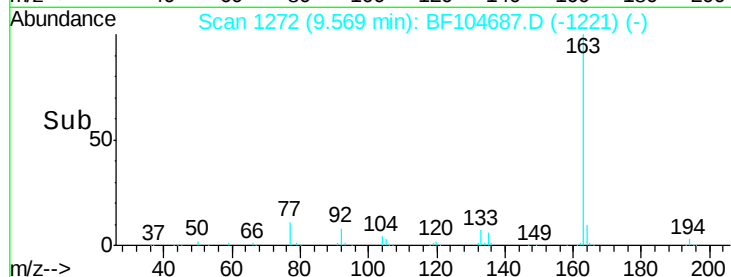
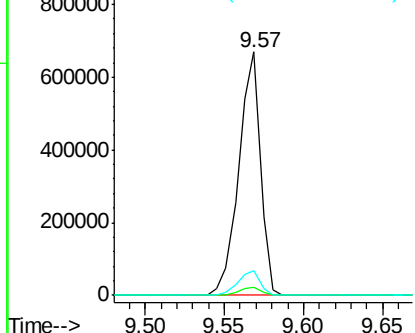
Tot Ion	Ratio	Resp	Lower	Upper
163	100	634852		
194	3.4		2.7	4.1
164	10.0		8.2	12.2

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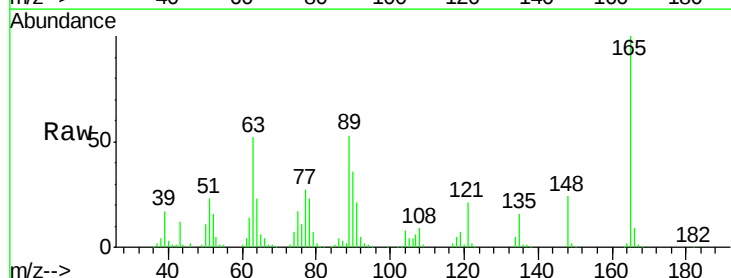


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

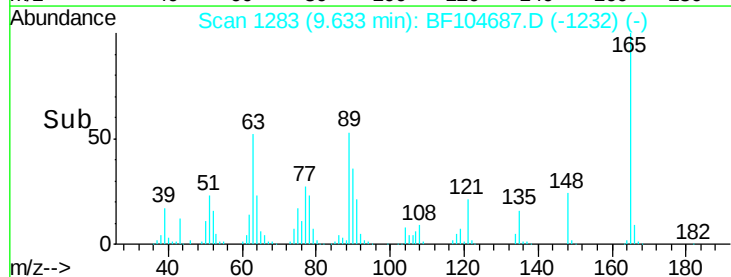
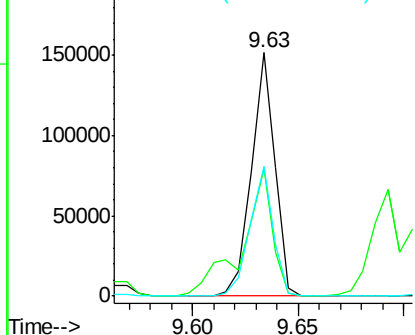


#50
2,6-Dinitrotoluene
Concen: 45.613 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117193		
63	52.1		44.7	67.1
89	53.2		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: 39.086 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

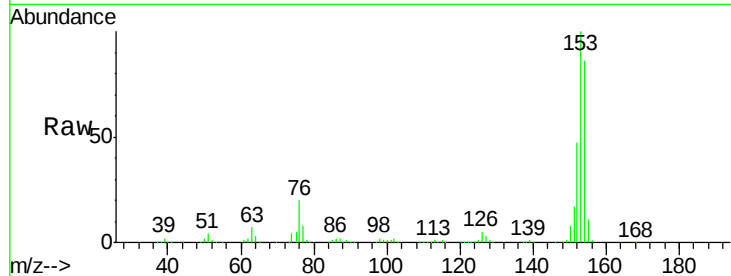
ClientSampleId :

PB108449BS

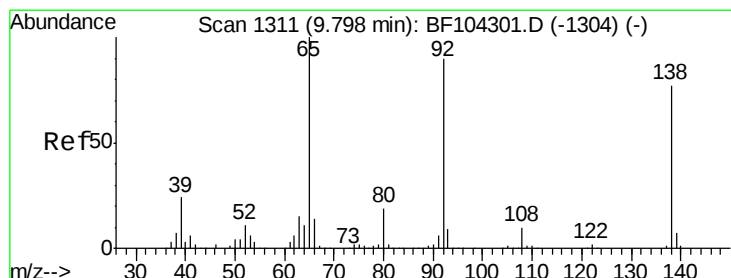
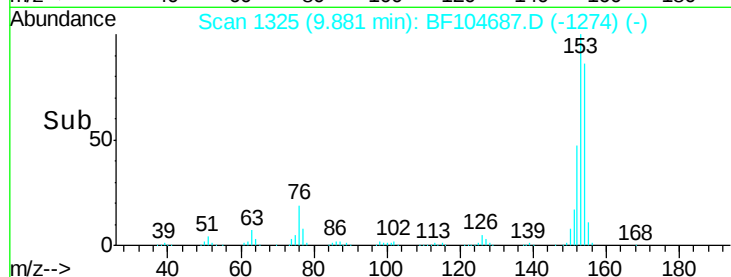
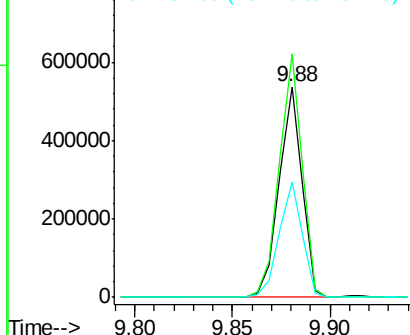
Tot Ion:	154	Resp:	437157
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.2	136.8
152	54.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 45.775 ng

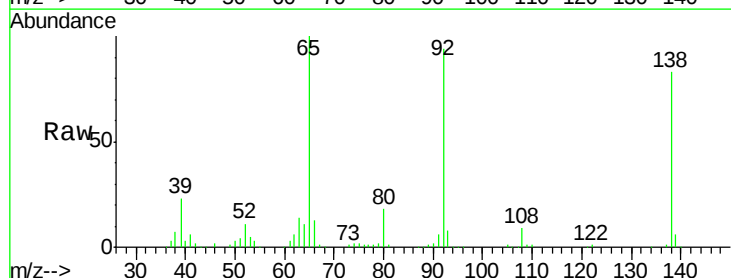
RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

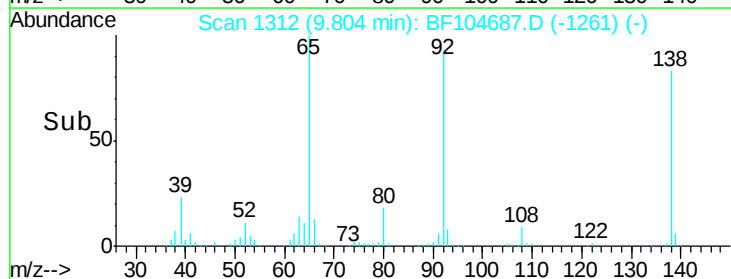
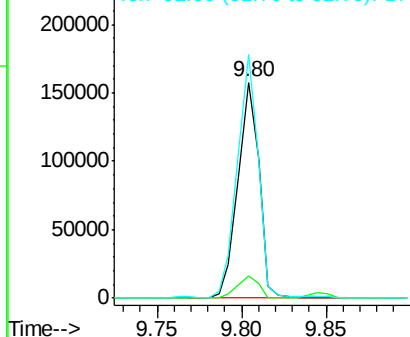
Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	138	Resp:	137685
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	112.9	89.4	134.2



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





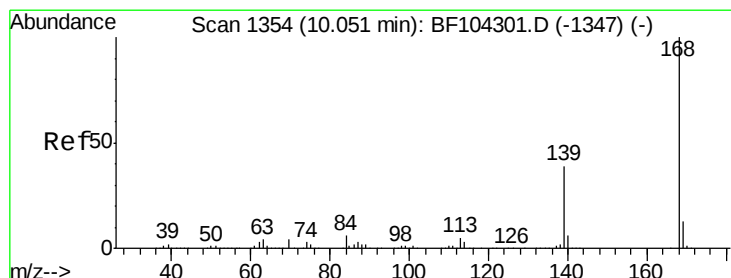
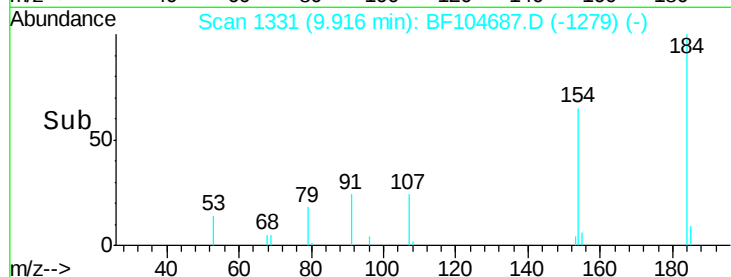
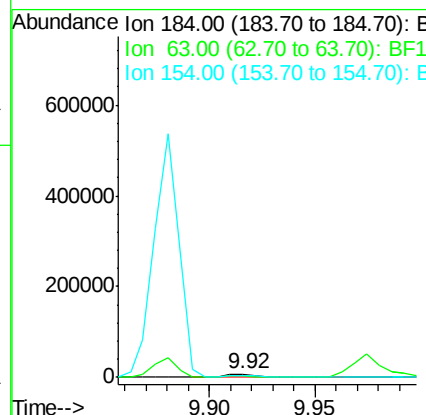
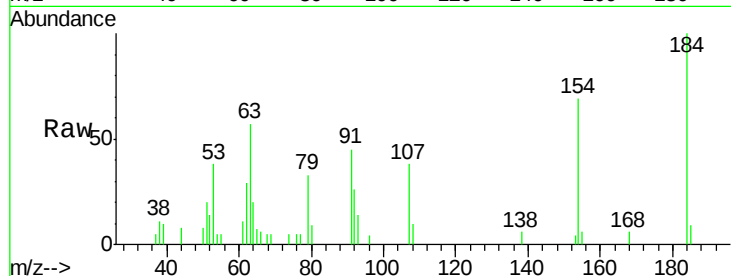
#53
 2,4-Dinitrophenol
 Concen: 14.944 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.4	54.2	81.2
154	69.2	184.0	276.0#

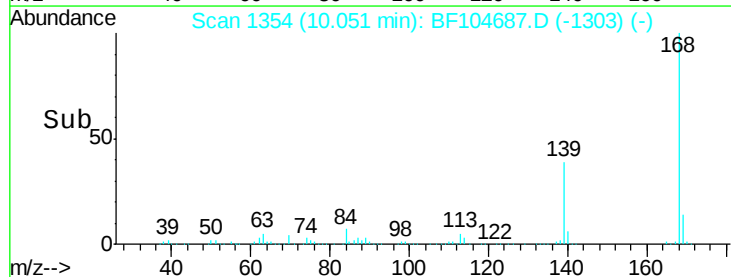
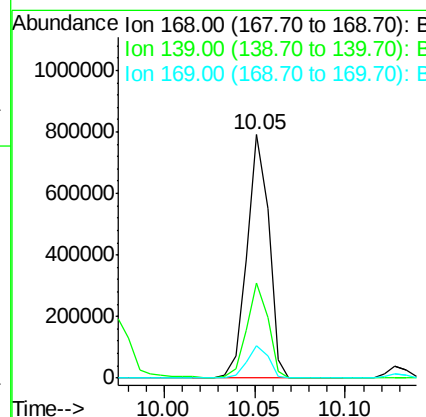
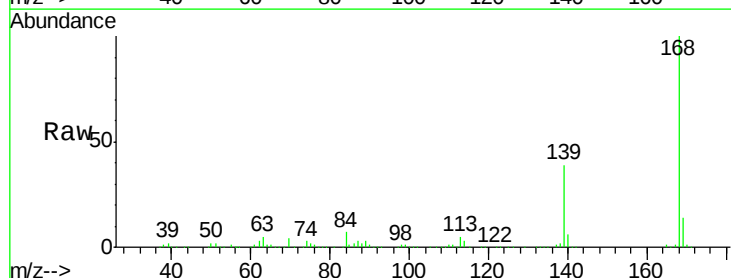
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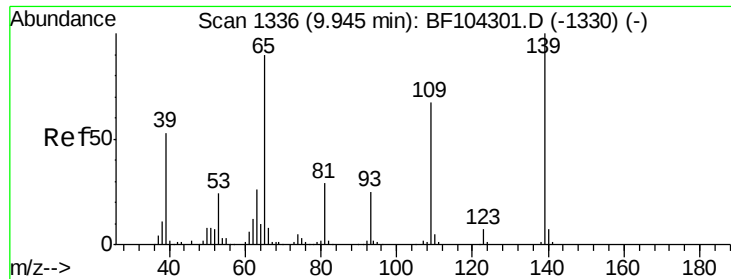
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#54
 Dibenzofuran
 Concen: 42.479 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	13.6	10.9	16.3





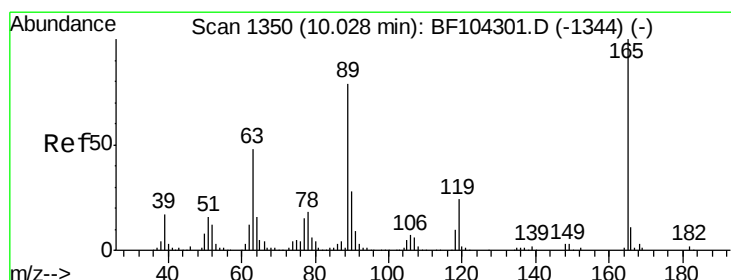
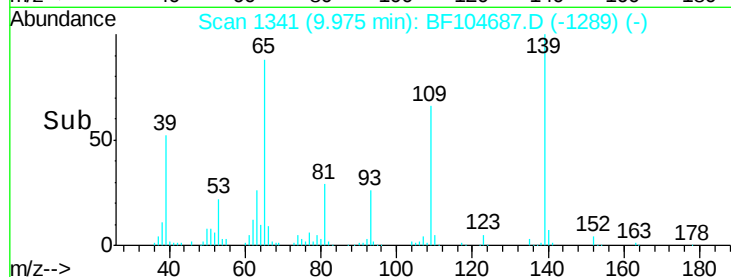
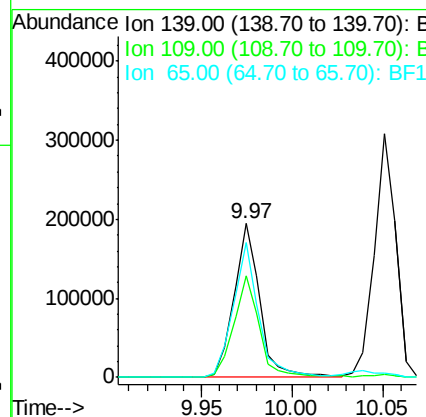
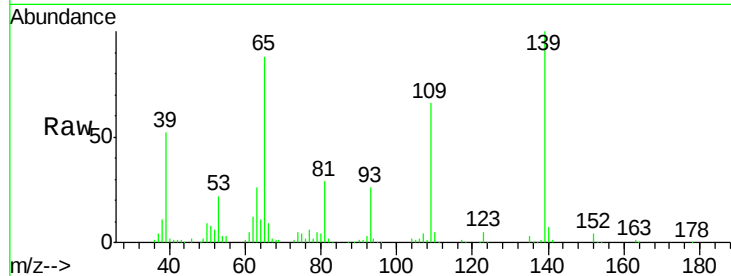
#55
4-Nitrophenol
Concen: 82.219 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	194266		
109	65.7	48.4	88.4	
65	88.0	72.6	112.6	

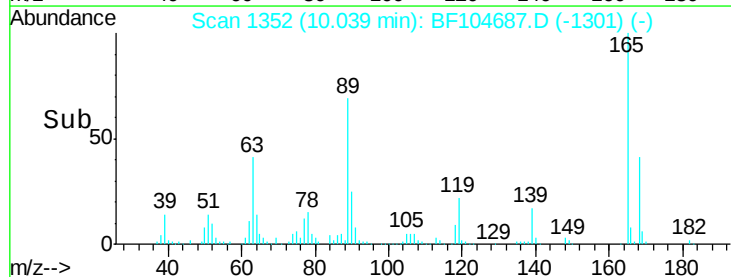
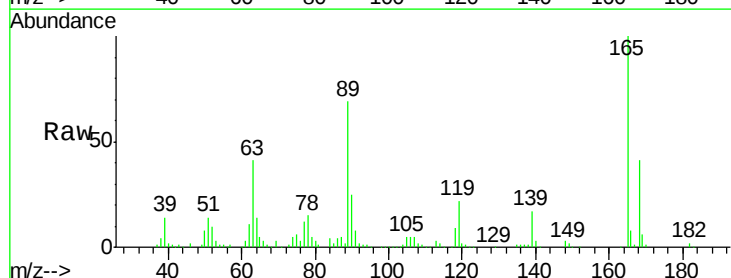
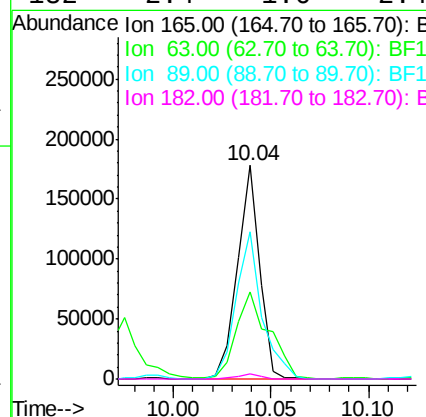
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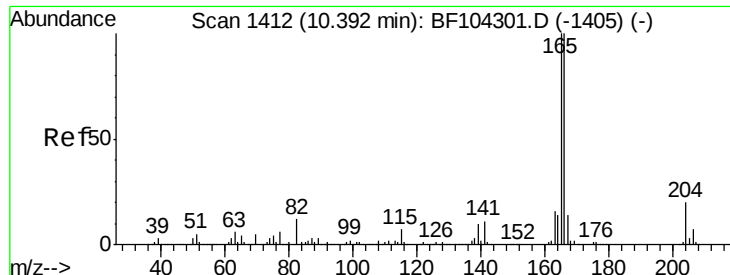
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.679 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140466		
63	40.7	36.4	54.6	
89	68.9	57.8	86.6	
182	2.4	1.6	2.4	





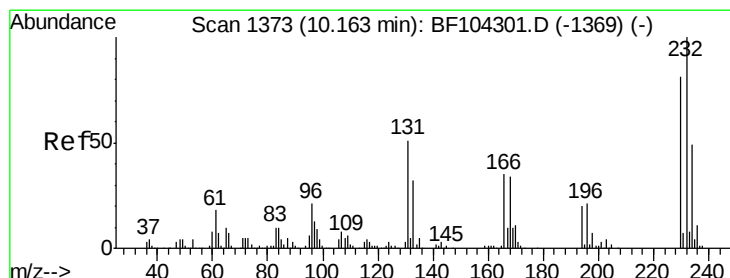
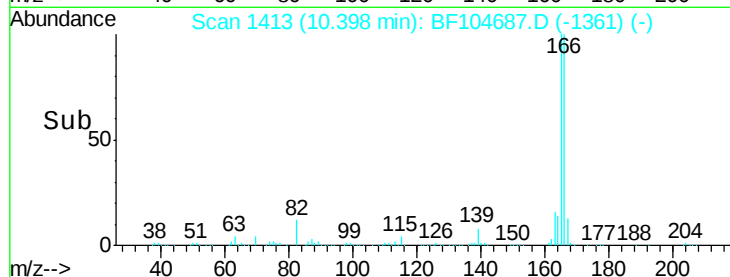
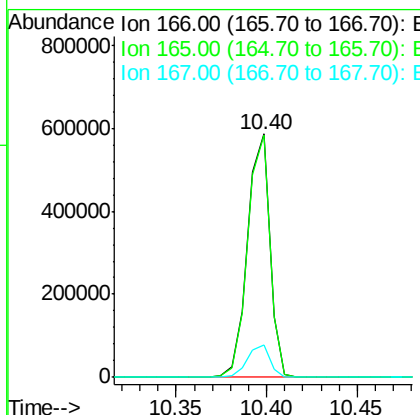
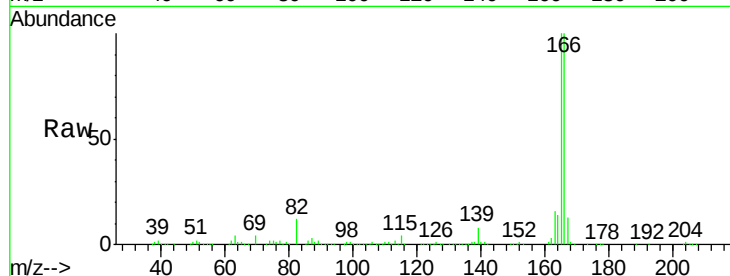
#57
Fluorene
 Concen: 44.354 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	503213		
165	99.5	79.8	119.8	
167	13.1	10.6	16.0	

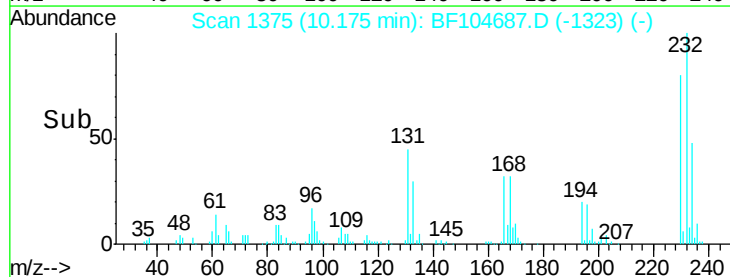
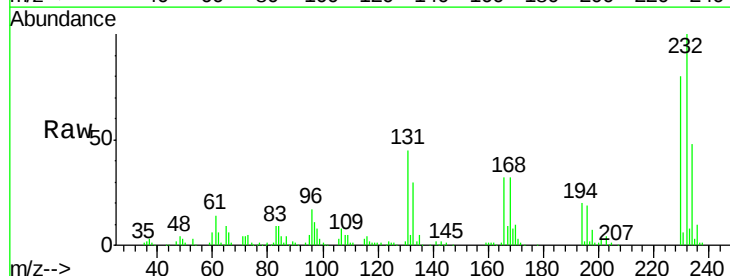
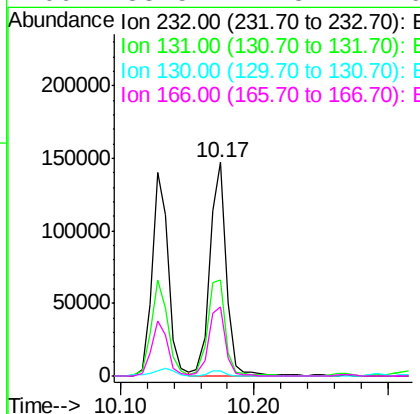
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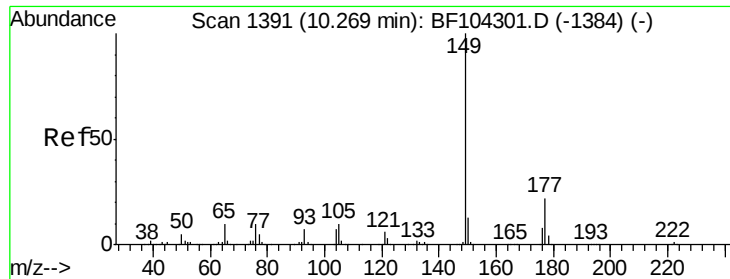
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.269 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	126392		
131	49.5	43.8	65.8	
130	2.4	2.1	3.1	
166	33.5	27.8	41.6	





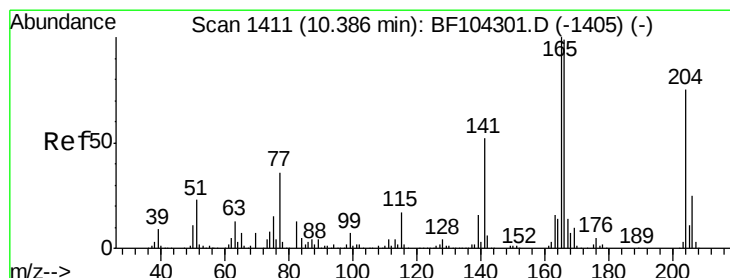
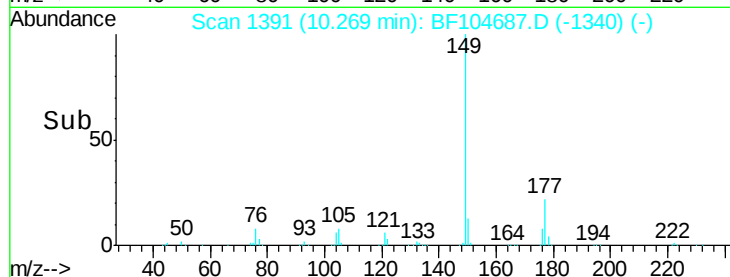
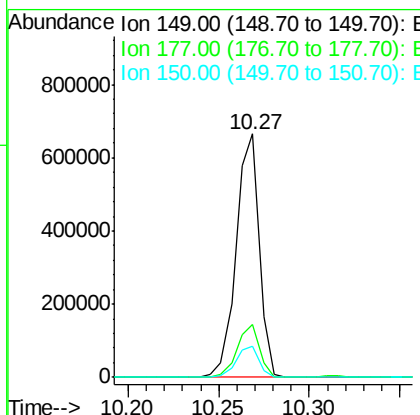
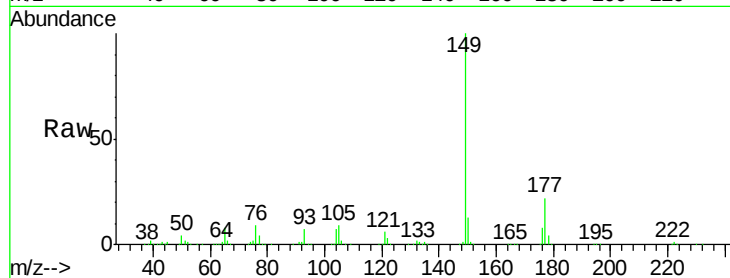
#59
Diethylphthalate
Concen: 42.582 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.6	10.1	15.1

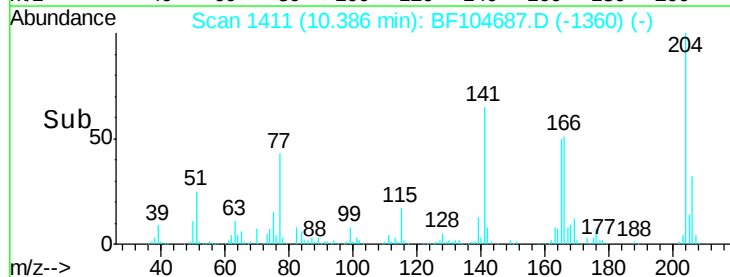
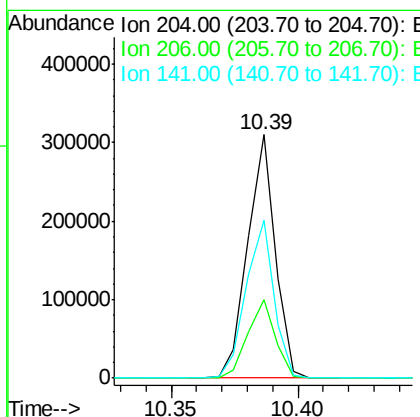
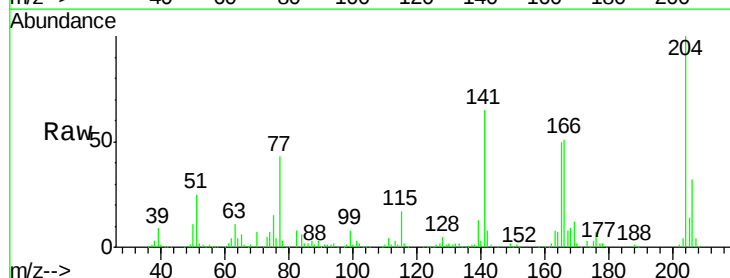
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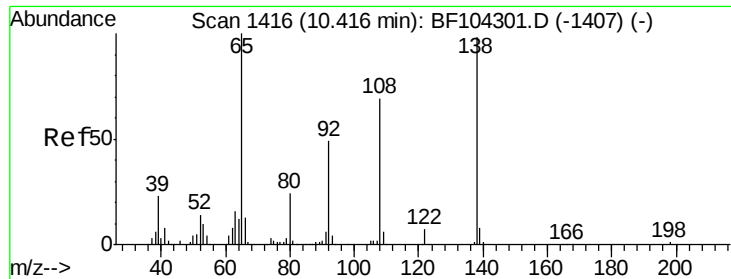
Sohil
4/23/2018 2:18:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.591 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	64.7	54.6	81.8





#61

4-Nitroaniline

Concen: 50.448 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

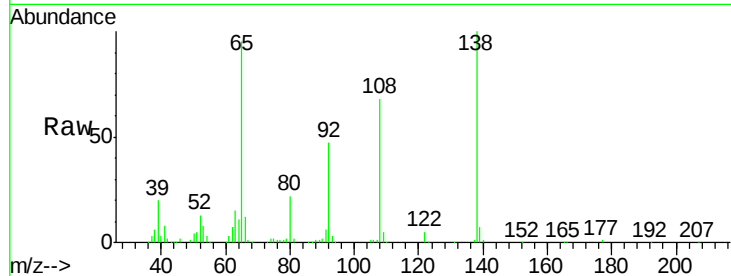
ClientSampleId :

PB108449BS

Tot Ion:	138	Resp:	148369
Ion Ratio	Lower	Upper	
138	100		
92	47.0	30.2	70.2
108	68.2	52.5	92.5

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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

10.42

150000

100000

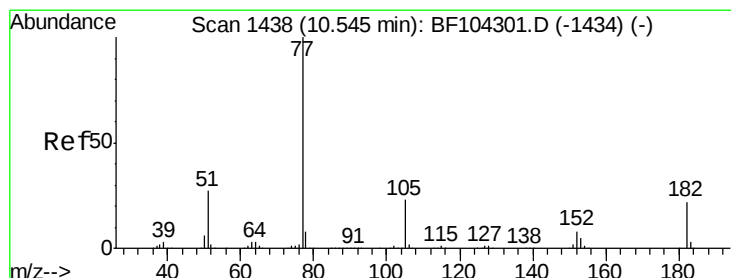
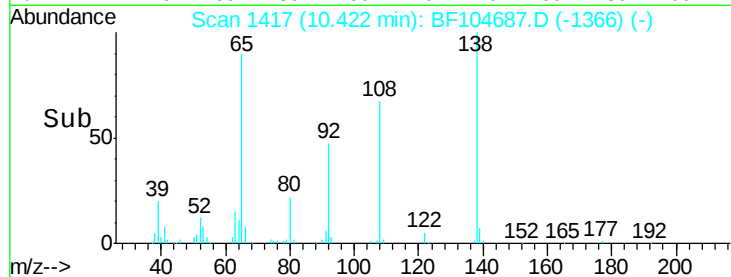
50000

0

10.40

10.50

Time-->



#62

Azobenzene

Concen: 39.066 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	77	Resp:	516134
Ion Ratio	Lower	Upper	
77	100		
182	22.4	1.7	41.7
105	23.4	3.0	43.0
51	26.0	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

10.55

800000

600000

400000

200000

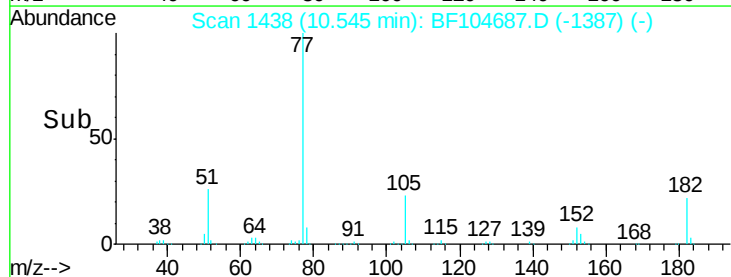
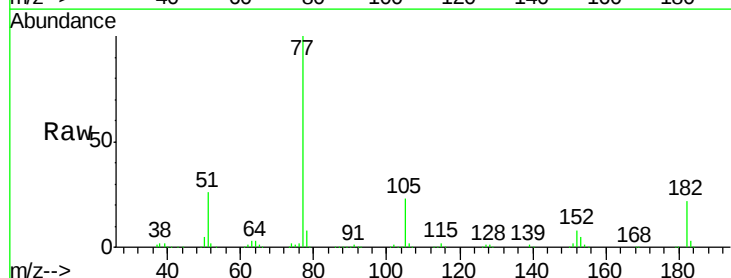
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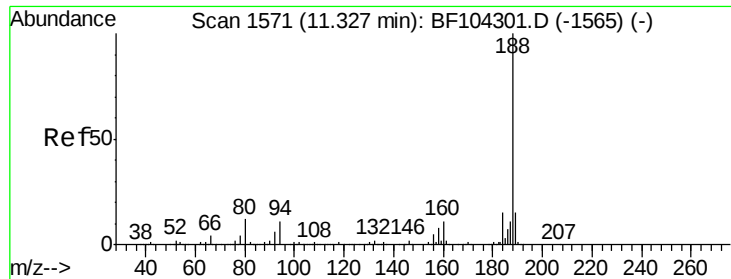
10.50

10.55

10.60

Time-->





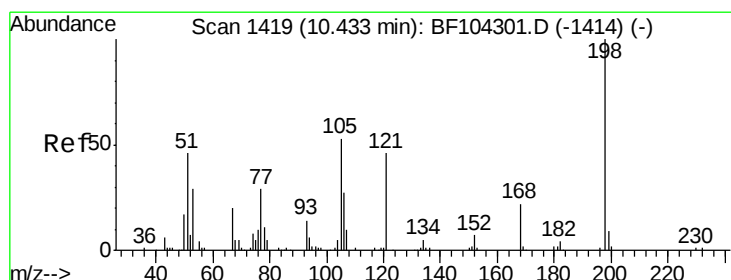
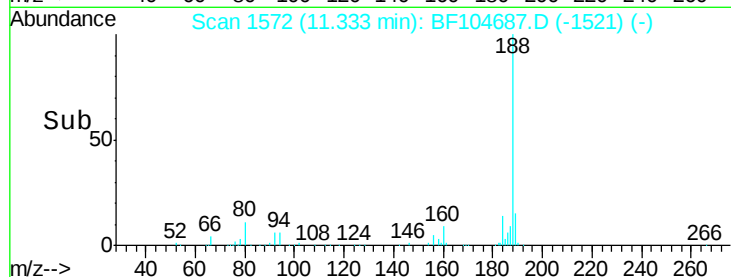
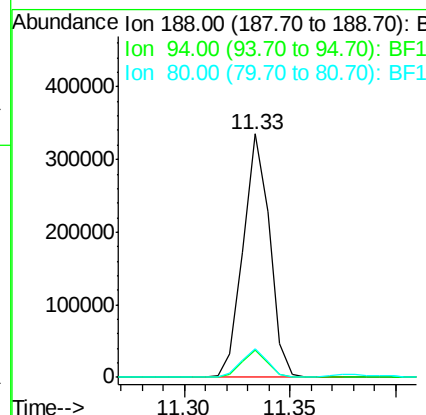
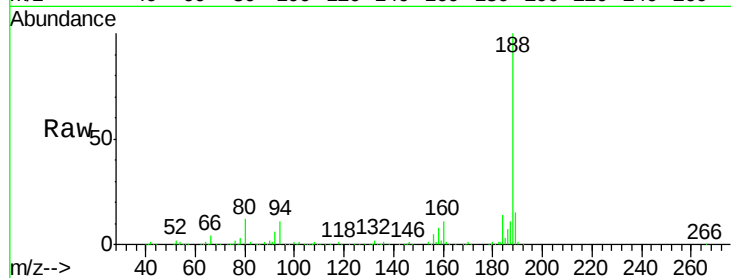
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.8	9.2	13.8

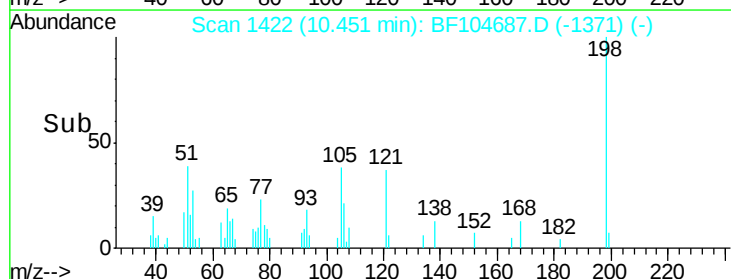
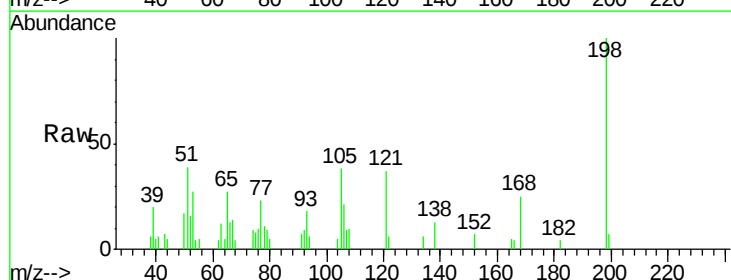
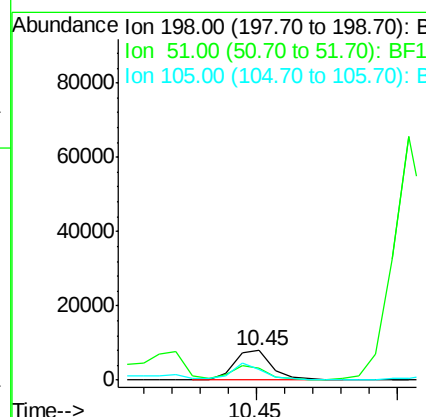
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#64
4,6-Dinitro-2-methylphenol
Concen: 11.746 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.9	37.7	77.7
105	37.8	36.3	76.3





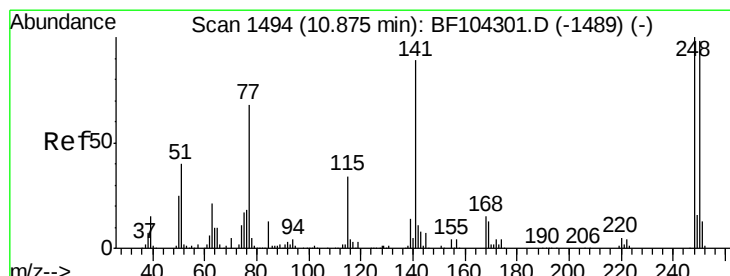
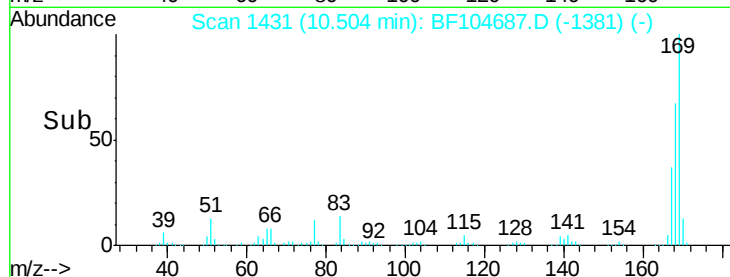
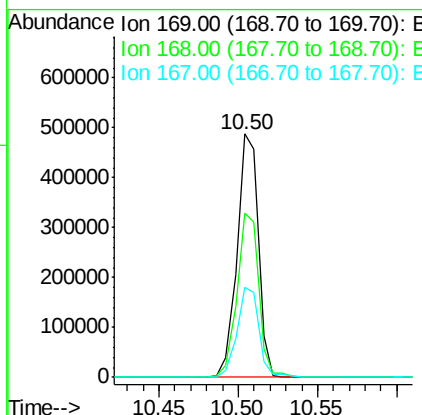
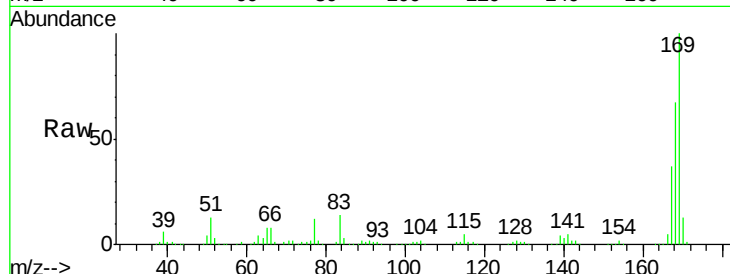
#65
n-Nitrosodiphenylamine
Concen: 45.202 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	454294		
168	67.2	54.4	81.6	
167	36.8	29.8	44.6	

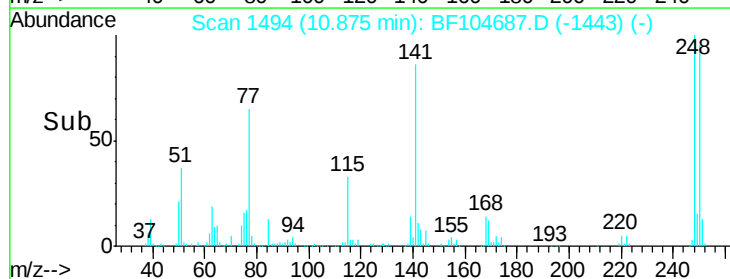
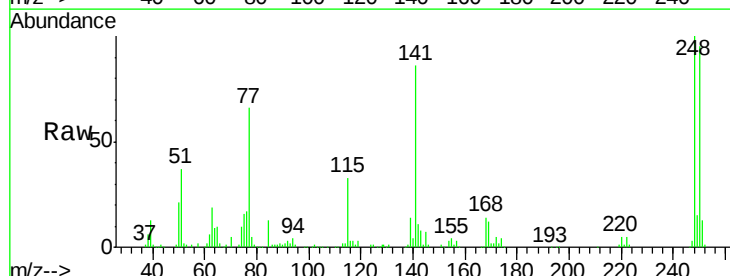
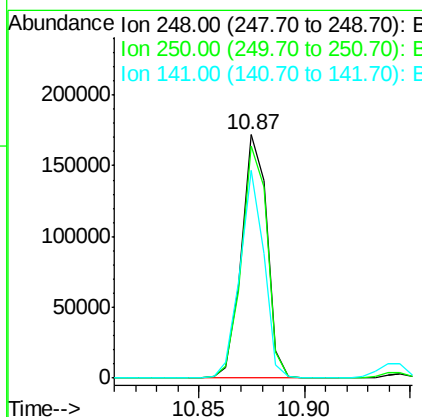
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#66
4-Bromophenyl-phenylether
Concen: 46.549 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	143519		
250	95.4	76.9	115.3	
141	85.6	74.4	111.6	





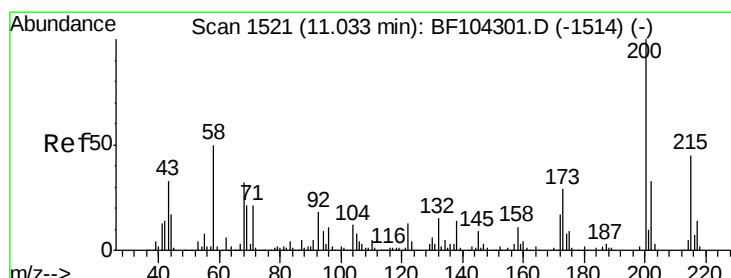
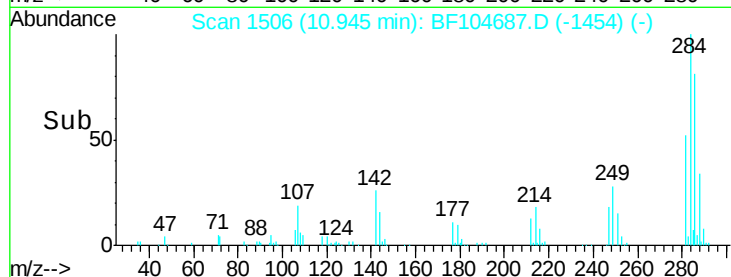
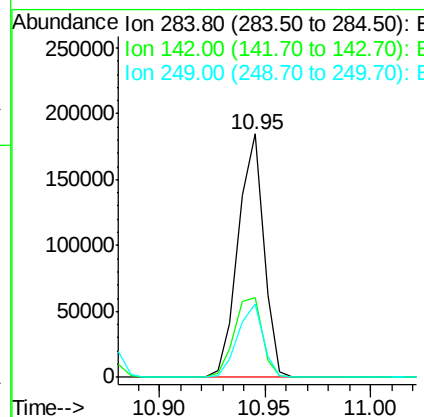
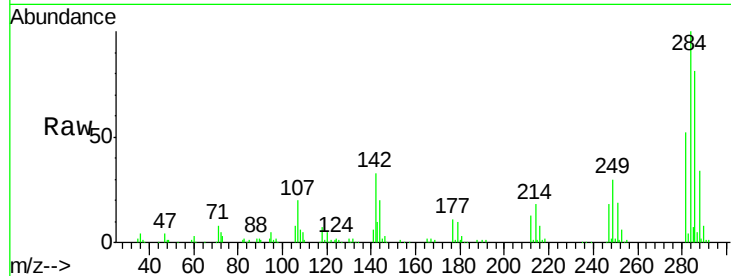
#67
Hexachlorobenzene
Concen: 44.471 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	154280		
142	32.7	34.6	52.0	
249	29.9	24.8	37.2	

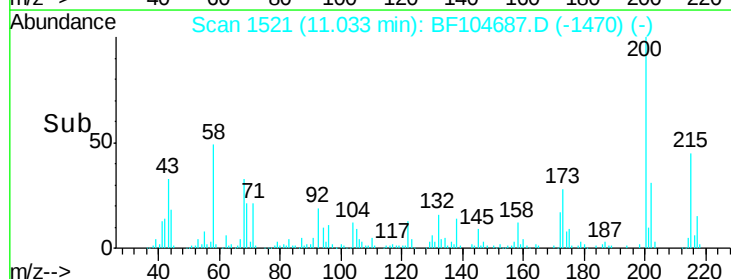
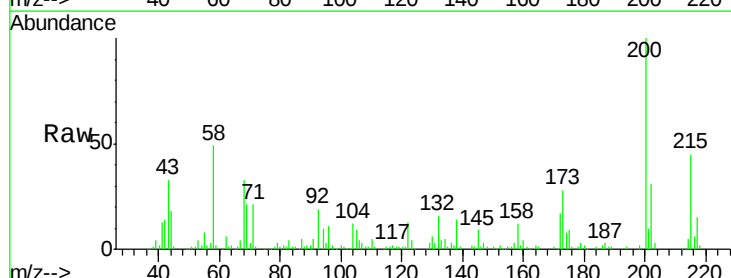
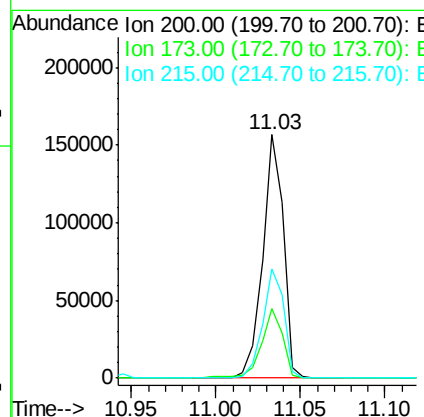
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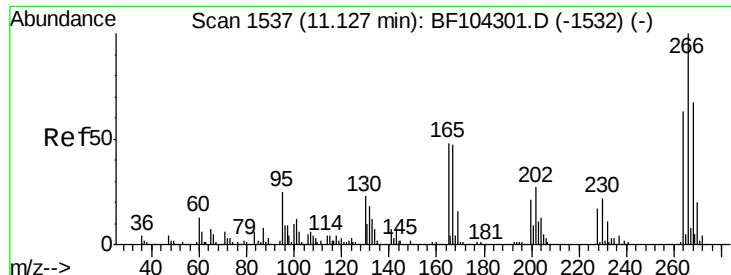
Sohil
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#68
Atrazine
Concen: 44.120 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	133843		
173	28.4	8.6	48.6	
215	45.1	25.1	65.1	





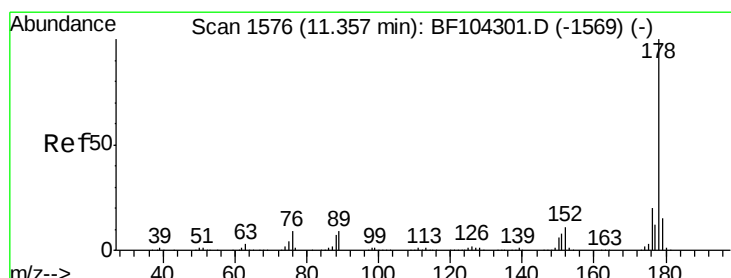
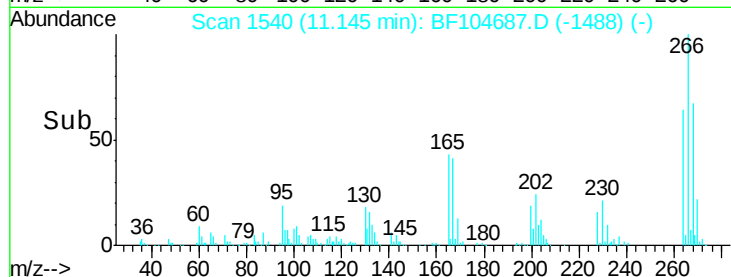
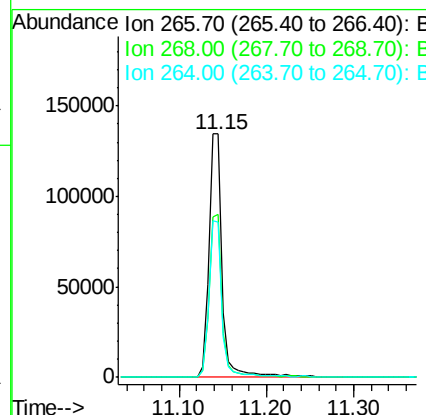
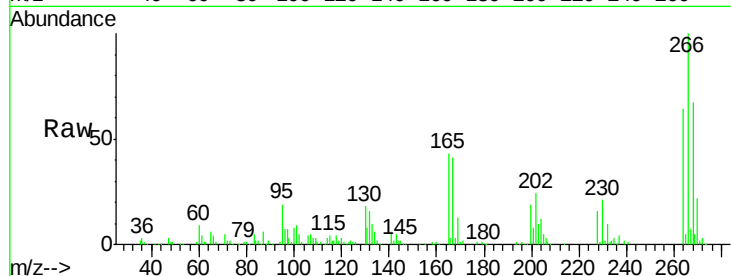
#69
 Pentachlorophenol
 Concen: 66.318 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB108449BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	51.1	76.7
264	63.9	49.5	74.3

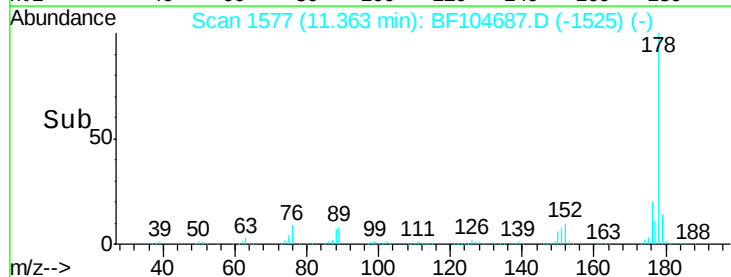
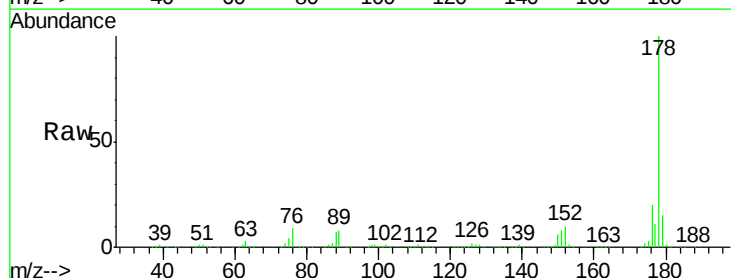
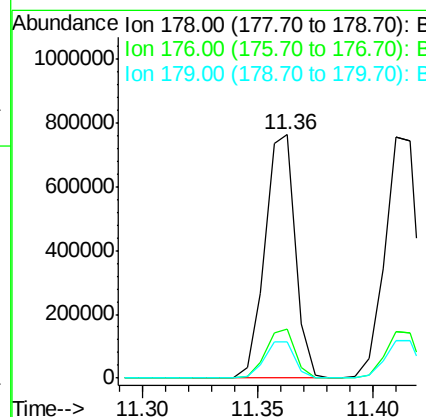
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#70
 Phenanthrene
 Concen: 43.393 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.1	13.0	19.6





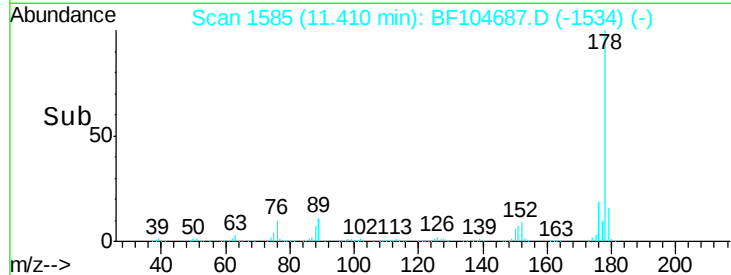
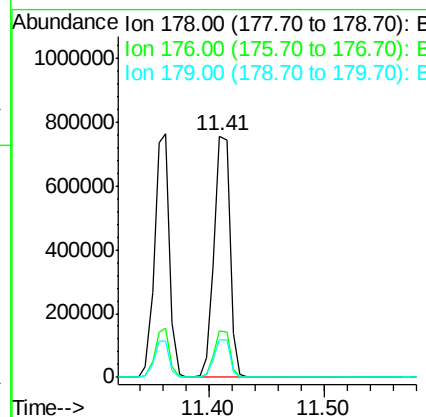
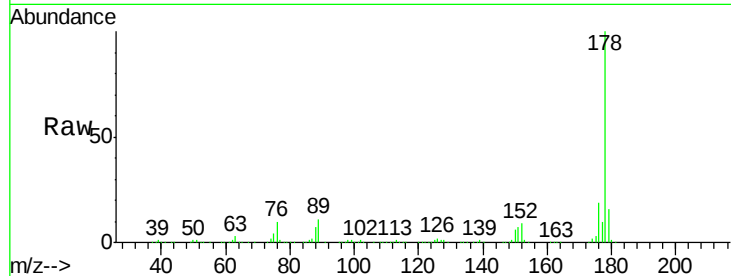
#71
 Anthracene
 Concen: 44.482 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Instrument :
 BNA_F
 ClientSampled :
 PB108449BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

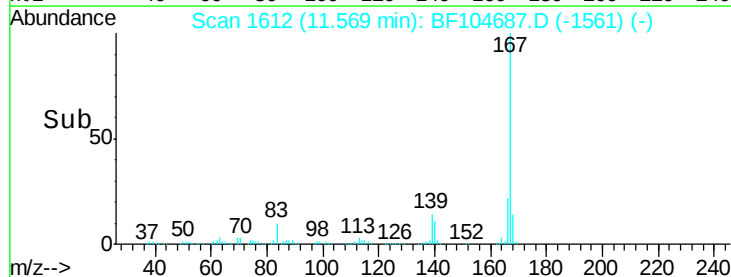
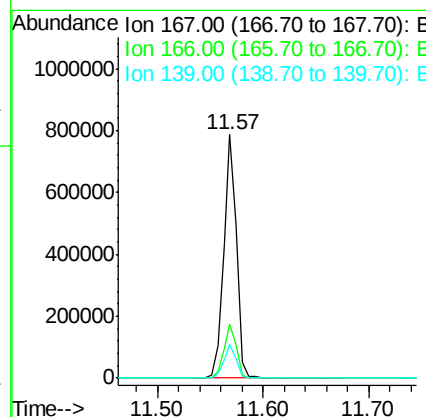
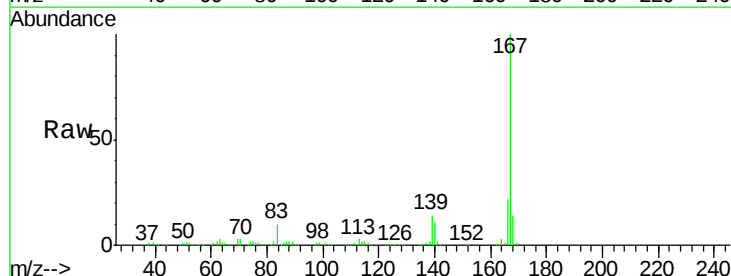
Manual Integrations
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#72
 Carbazole
 Concen: 42.104 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104687.D
 Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.307 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

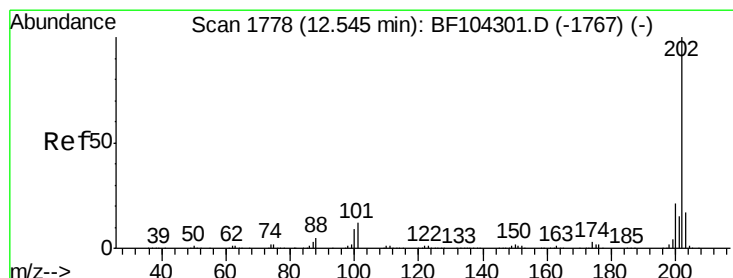
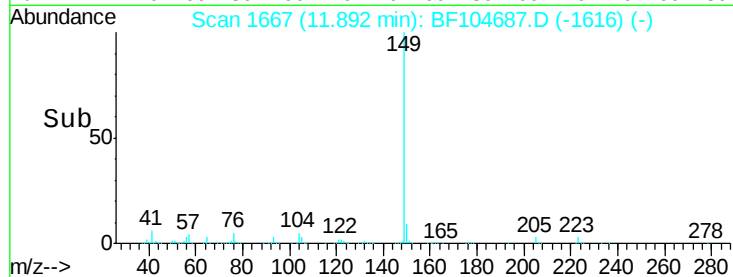
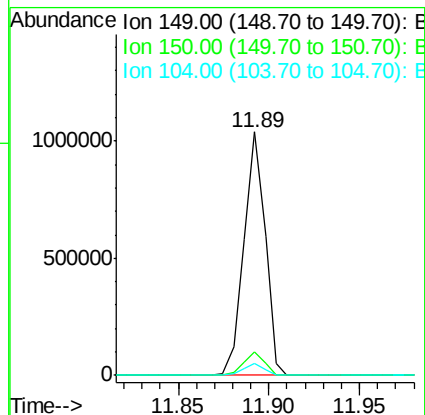
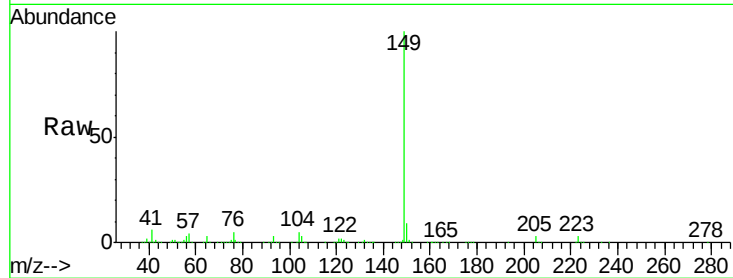
ClientSampleId :

PB108449BS

Tot Ion:	149	Resp:	848232
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 44.053 ng

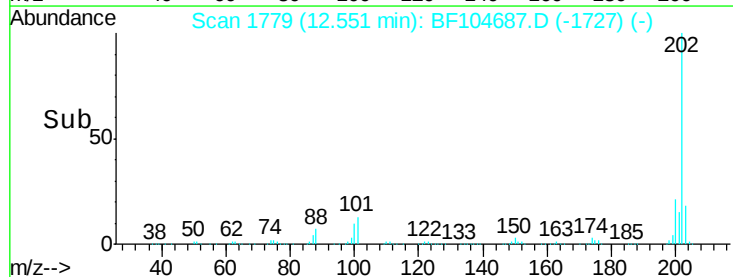
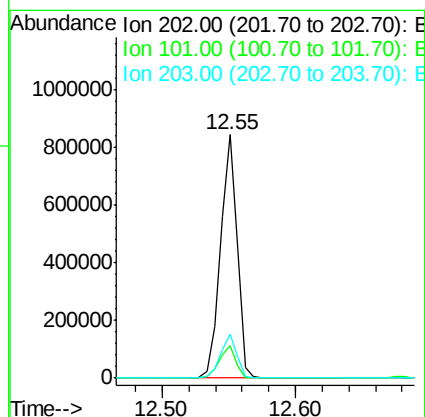
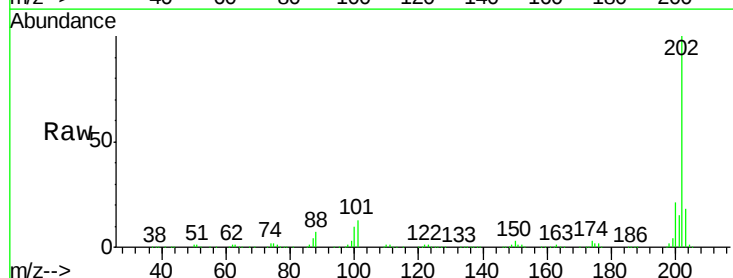
RT: 12.55 min Scan# 1779

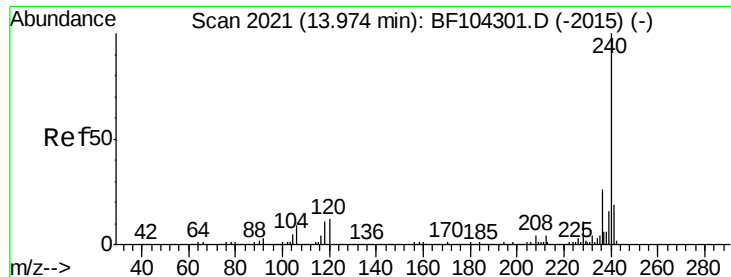
Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	202	Resp:	742967
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

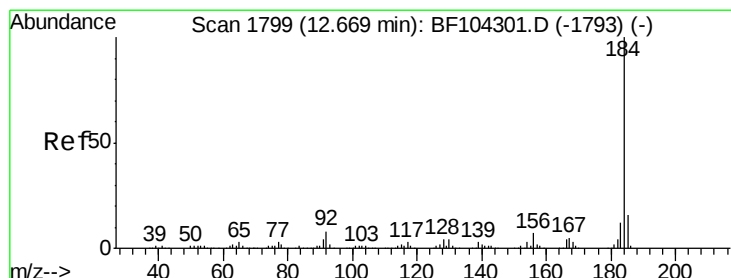
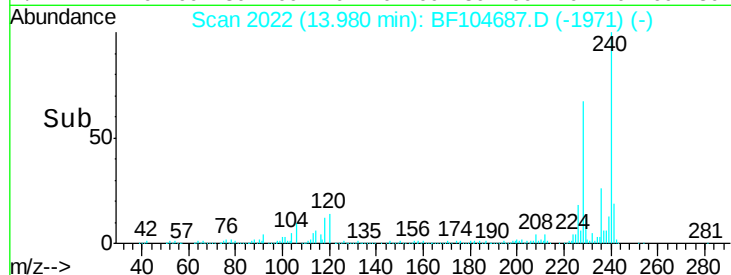
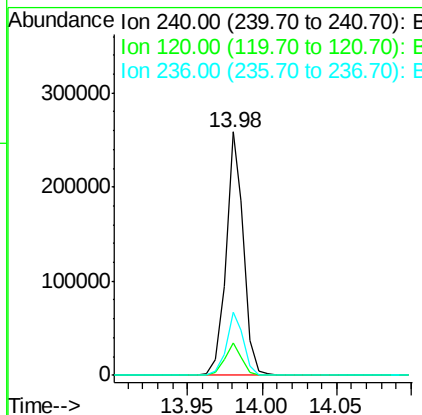
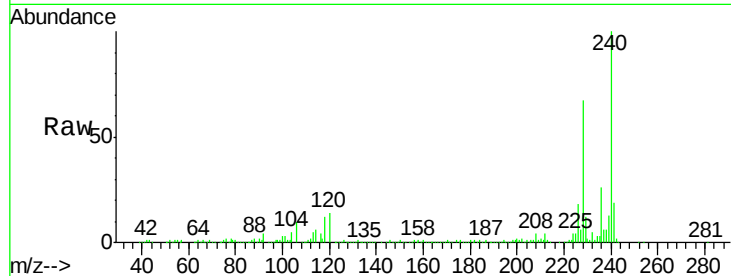
ClientSampleId :

PB108449BS

Tot Ion:	240	Resp:	212917
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: Below Cal

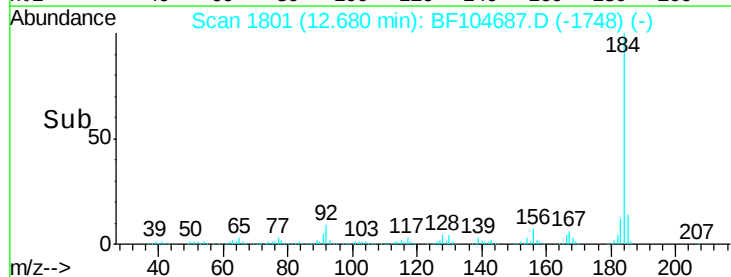
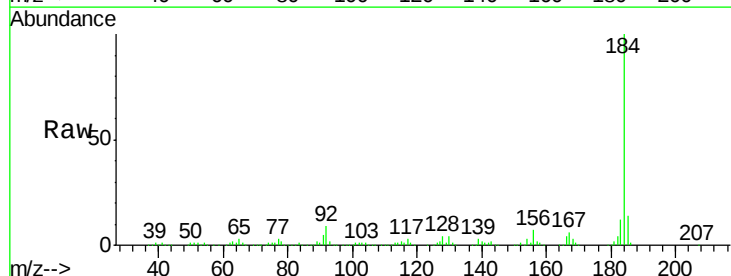
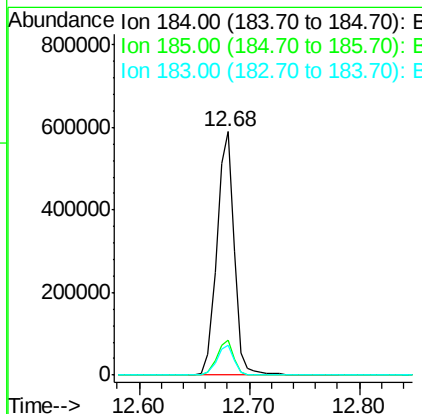
RT: 12.68 min Scan# 1801

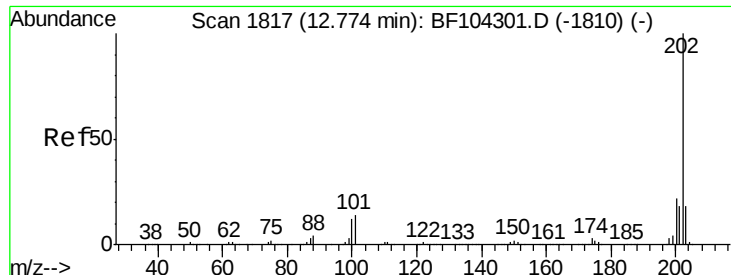
Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	184	Resp:	641716
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.2	9.3	13.9





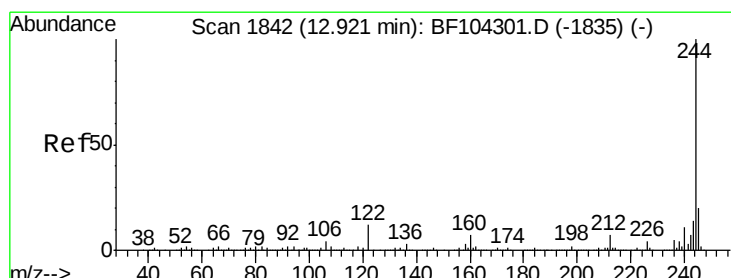
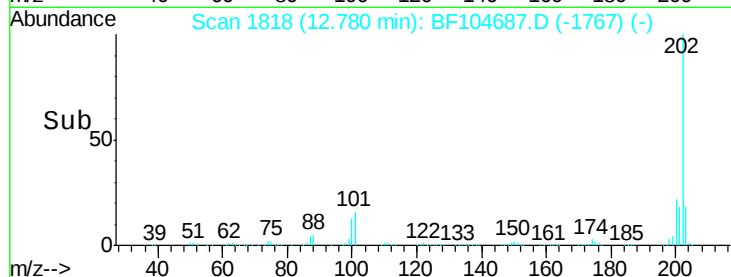
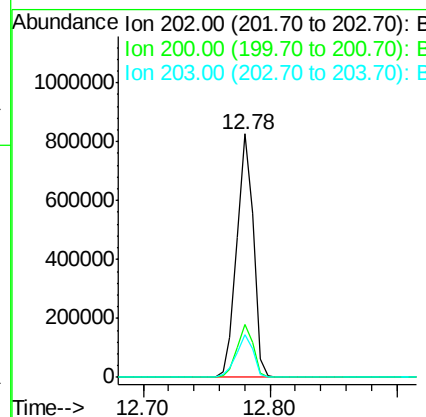
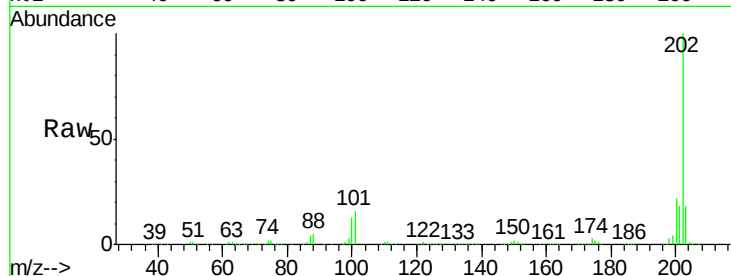
#77
Pvrene
Concen: 46.780 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	738290		
200	21.6		17.4	26.2
203	17.6		14.3	21.5

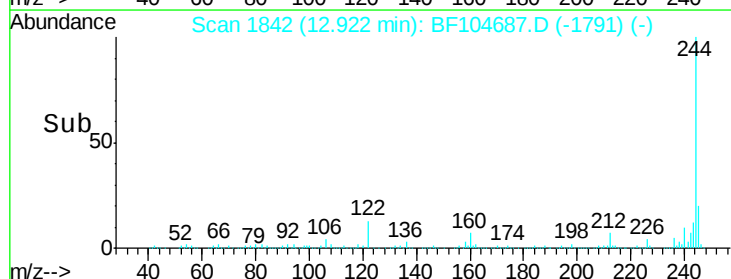
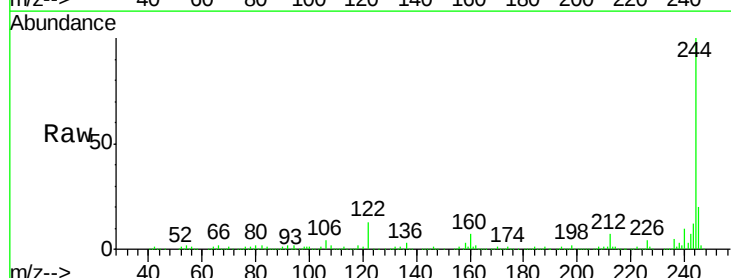
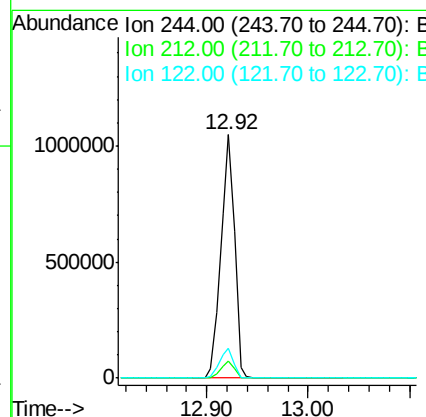
Manual Integrations
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#78
Terphenyl-d14
Concen: 104.674 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	977567		
212	6.9		5.4	8.0
122	12.5		11.0	16.4





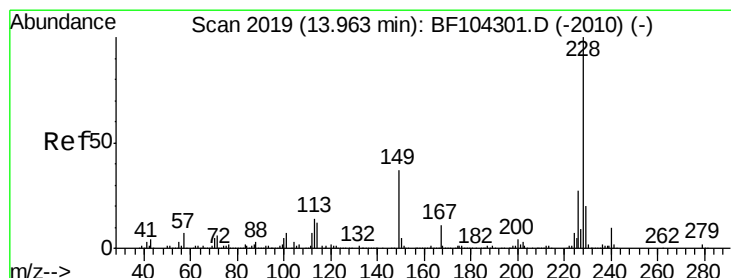
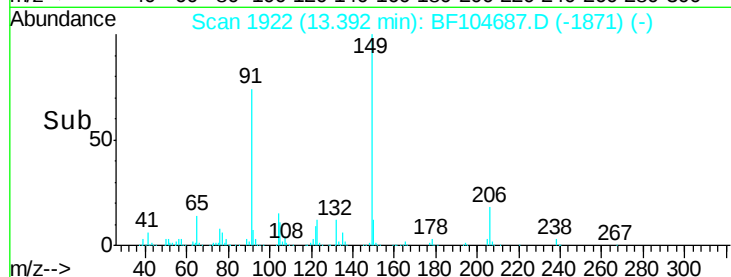
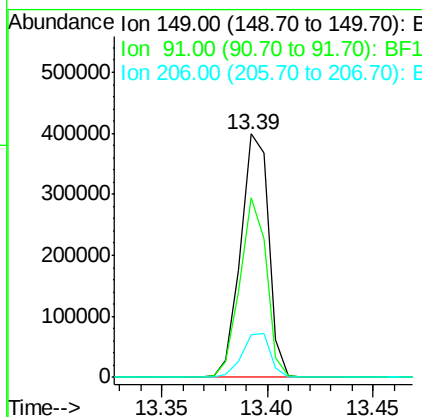
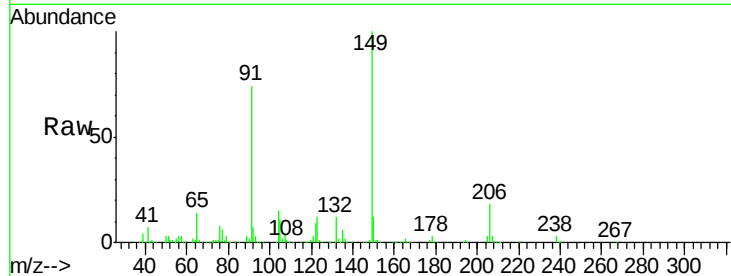
#79
Butylbenzylphthalate
Concen: 49.261 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampled :
PB108449BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	366266		
91	73.7	56.8	85.2	
206	17.6	14.1	21.1	

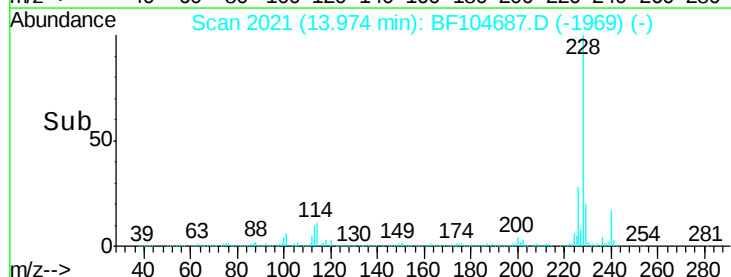
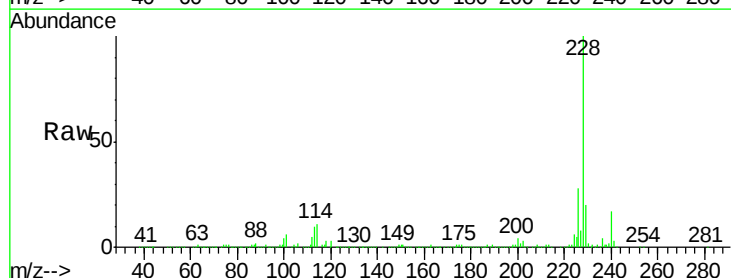
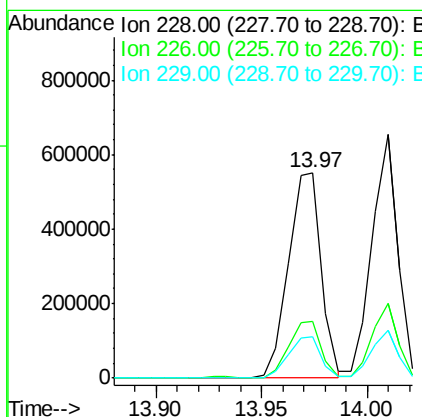
Manual Integrations
APPROVED

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4/23/2018 2:18:32 PM



#80
Benzo(a)anthracene
Concen: 46.723 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	594310		
226	27.7	22.6	33.8	
229	20.0	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 48.057 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

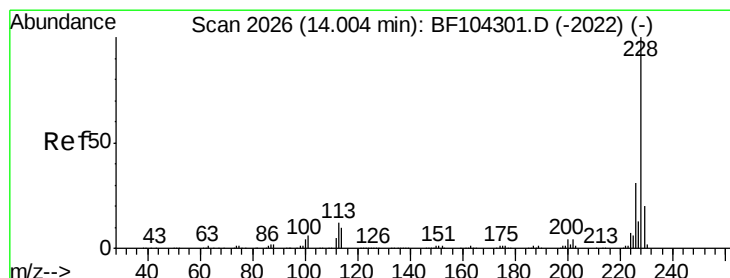
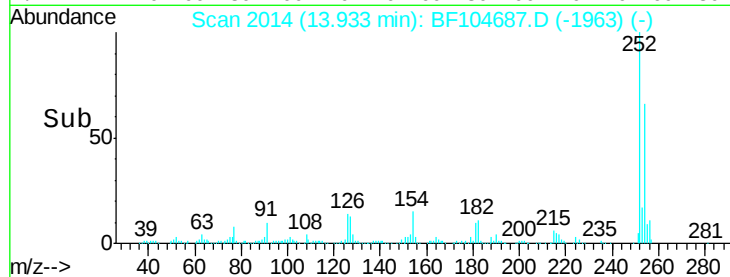
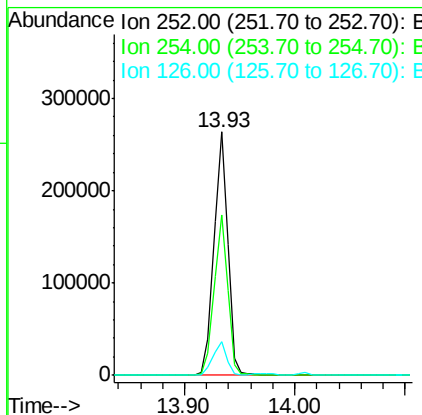
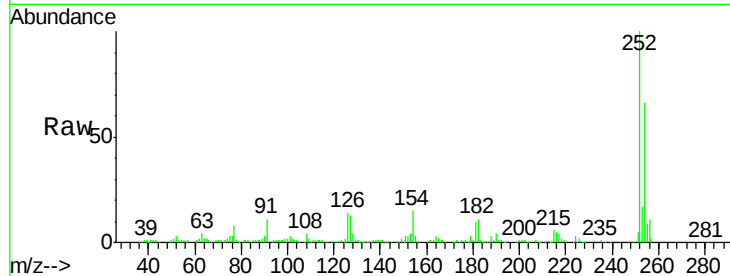
ClientSampleId :

PB108449BS

Tot Ion:	252	Resp:	227919
Ion Ratio	Lower	Upper	
252	100		
254	65.8	50.4	75.6
126	13.7	11.3	16.9

Manual Integrations
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#82

Chrysene

Concen: 43.194 ng

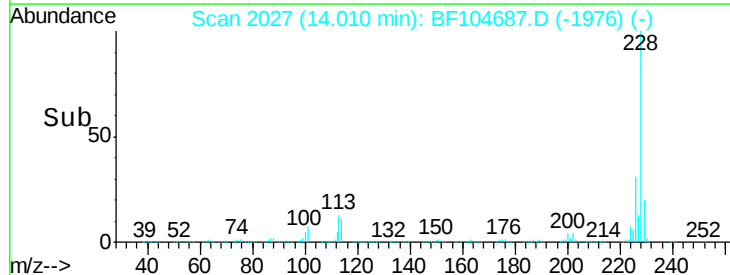
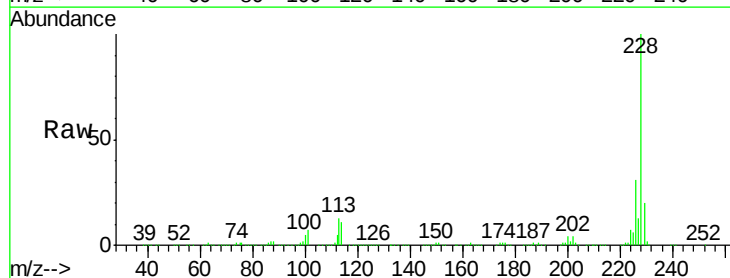
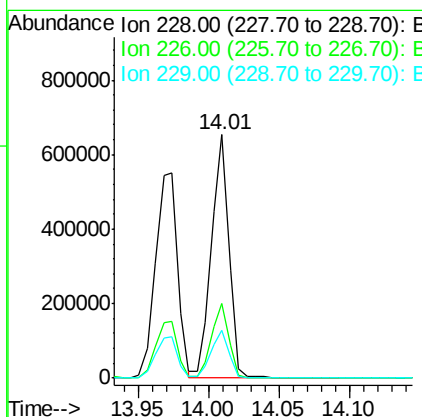
RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	228	Resp:	564336
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.692 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

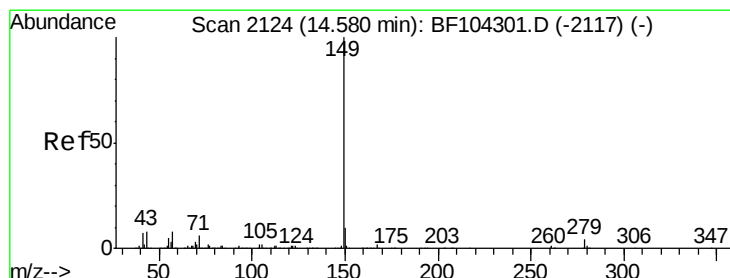
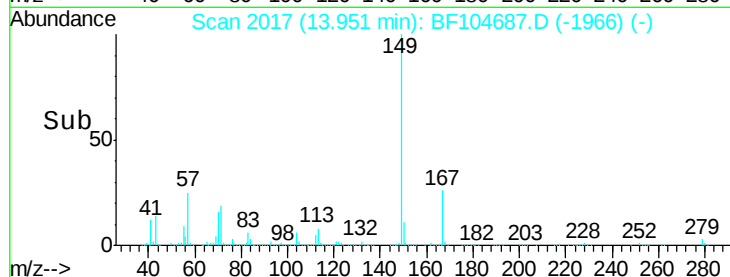
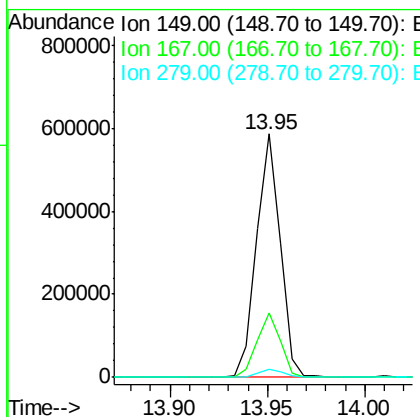
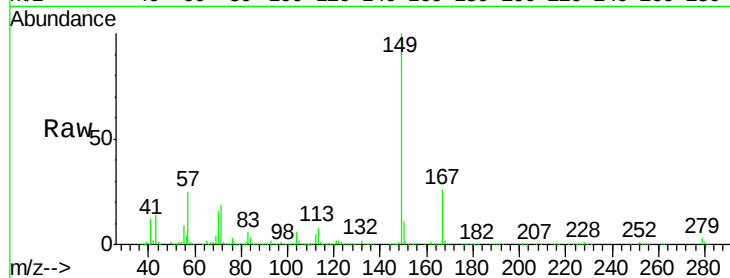
ClientSampleId :

PB108449BS

Tot Ion:	149	Resp:	494355
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.4	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 50.495 ng

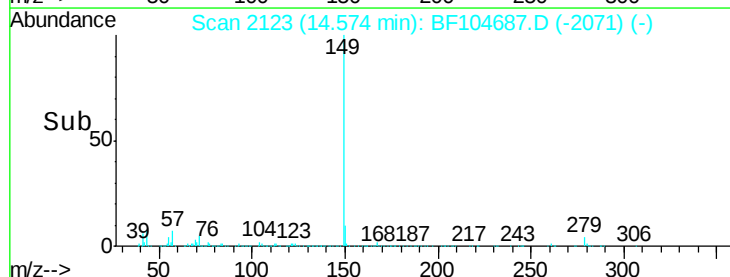
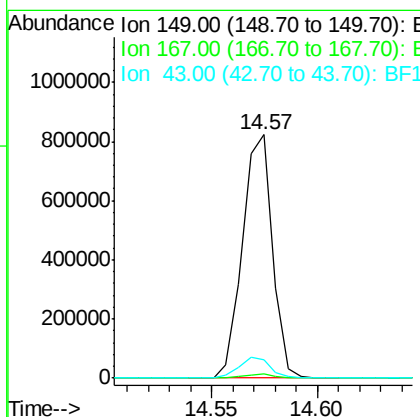
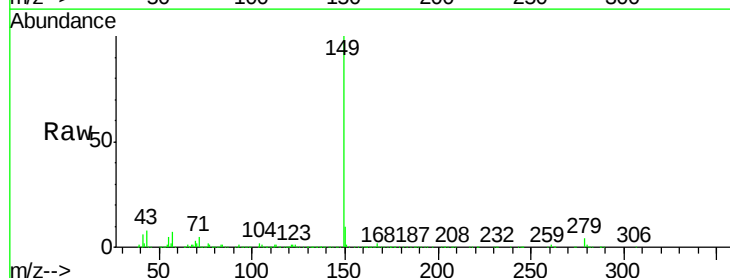
RT: 14.57 min Scan# 2123

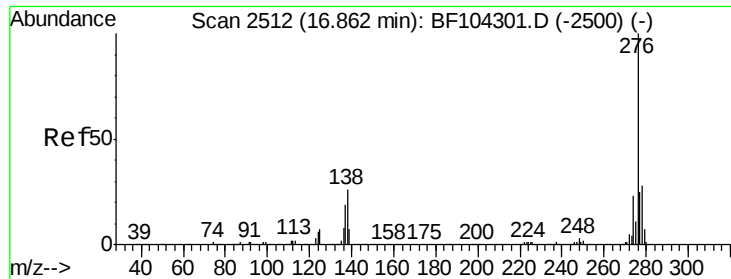
Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	149	Resp:	806896
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.5	8.4	12.6





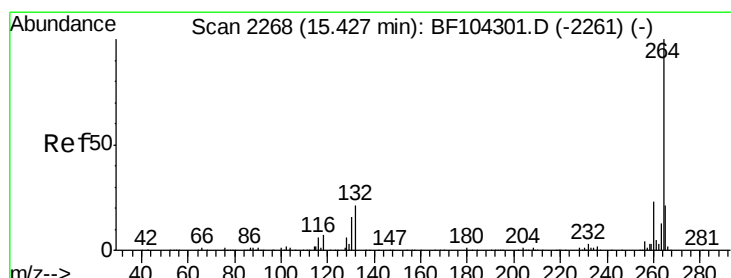
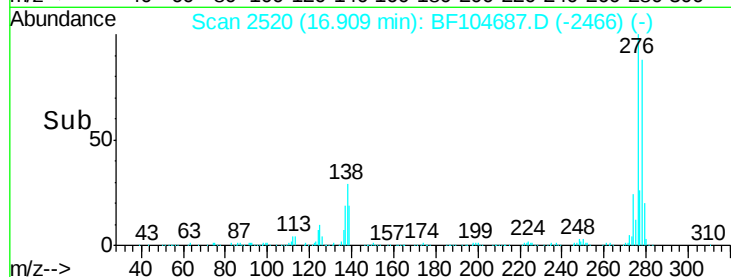
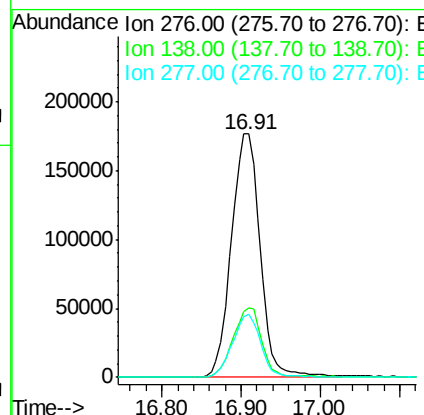
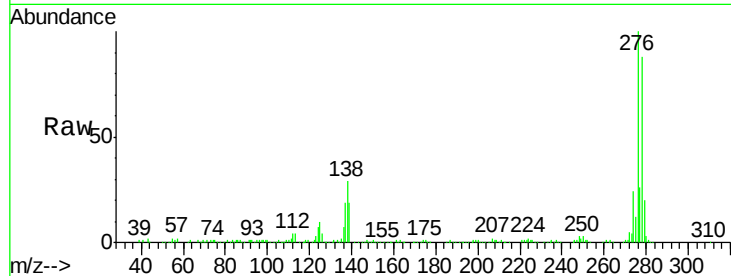
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.022 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.0	37.6
277	25.8	20.1	30.1

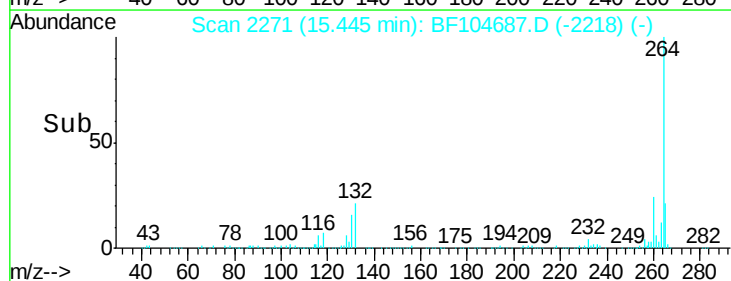
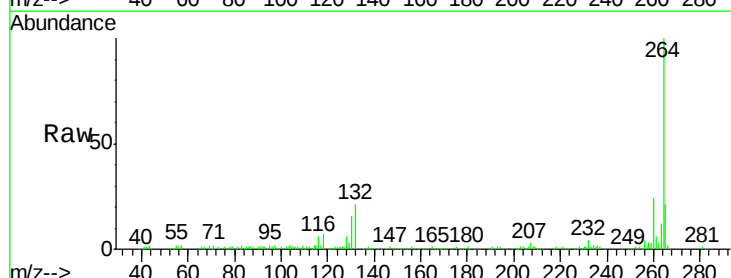
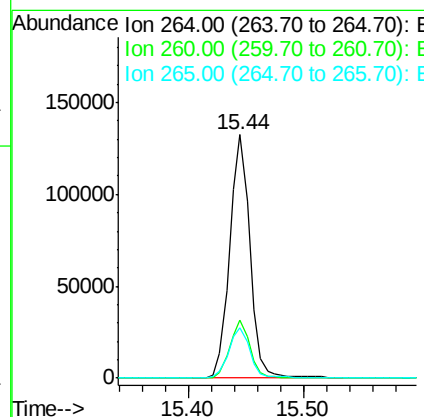
Manual Integrations
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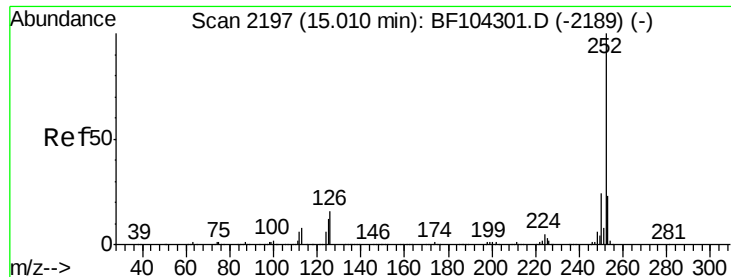
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.6	17.5	26.3





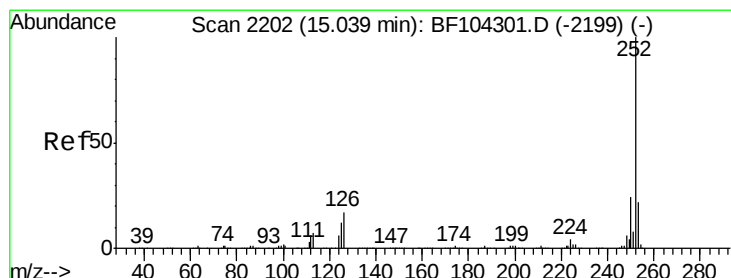
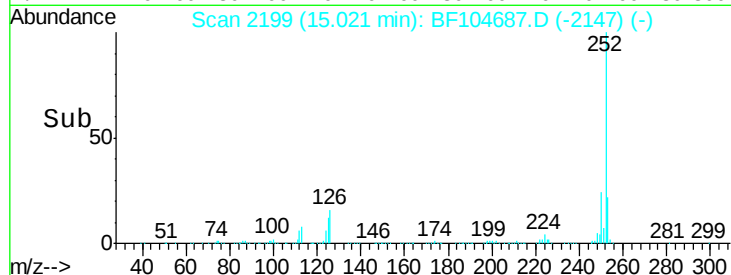
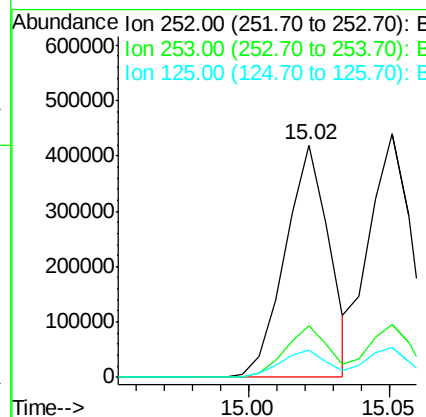
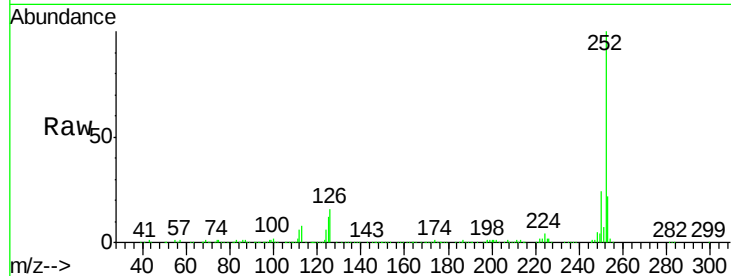
#87
Benzo(b)fluoranthene
Concen: 44.744 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Instrument :
BNA_F
ClientSampleId :
PB108449BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.0	9.0	13.6

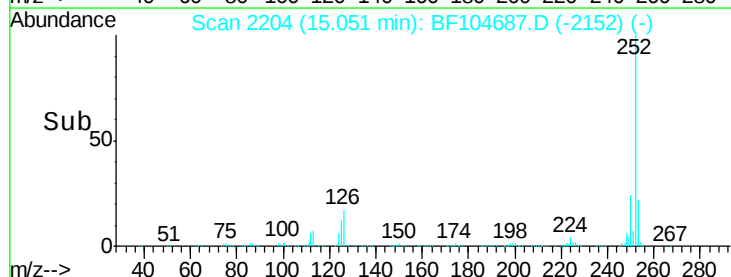
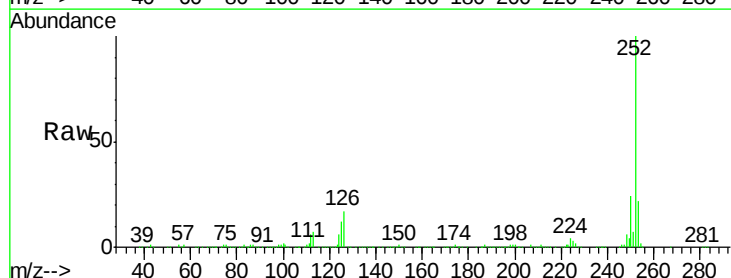
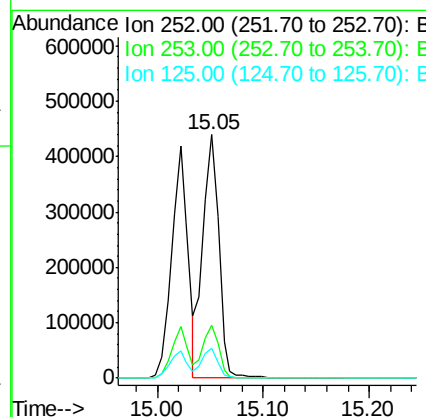
Manual Integrations
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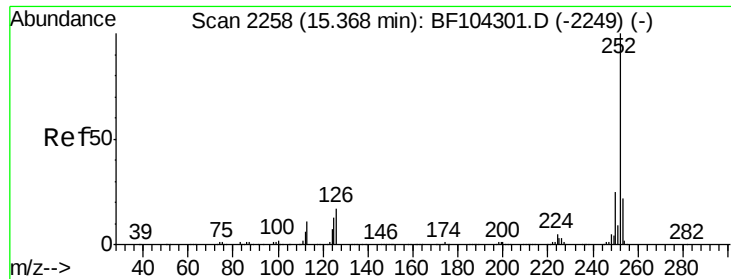
Sohil
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#88
Benzo(k)fluoranthene
Concen: 47.976 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF104687.D
Acq: 20 Apr 2018 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 46.292 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

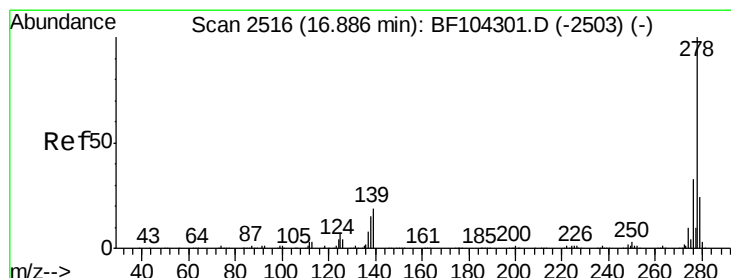
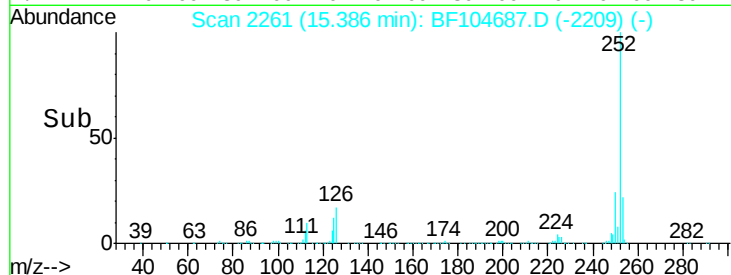
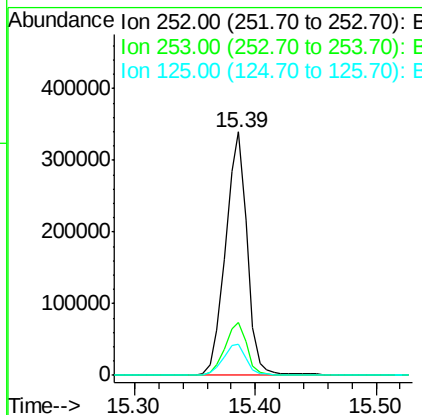
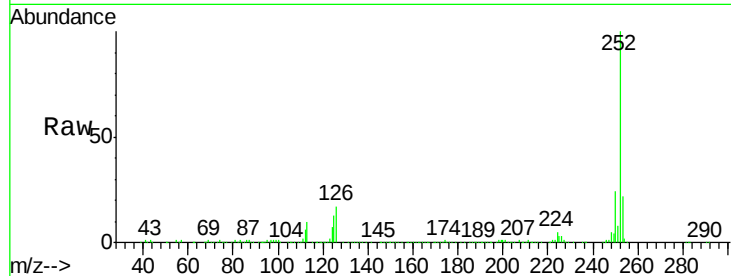
ClientSampleId :

PB108449BS

Tot Ion:	252	Resp:	421014
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	12.6	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 50.349 ng

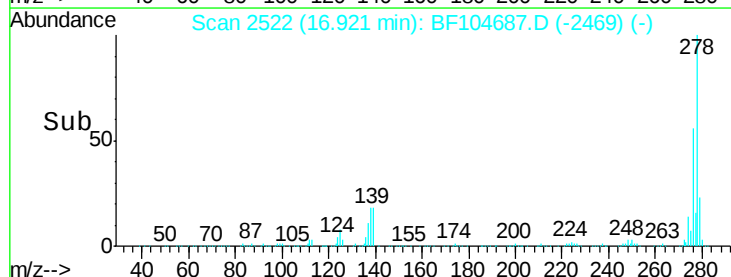
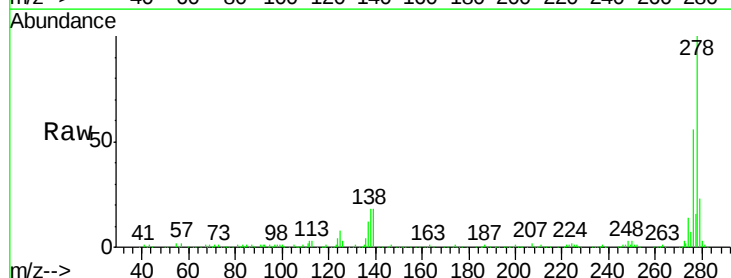
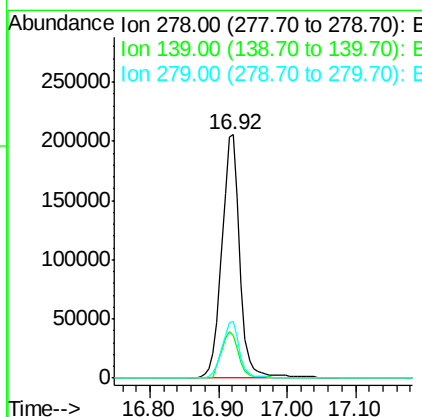
RT: 16.92 min Scan# 2522

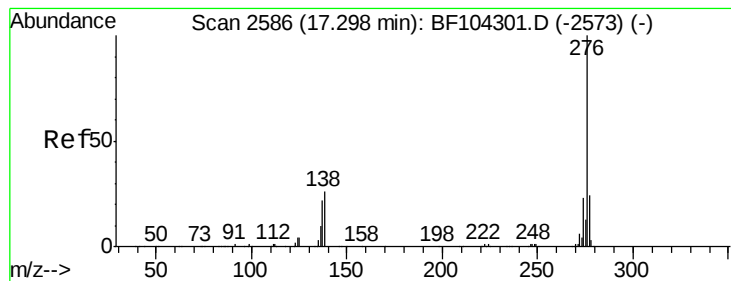
Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Tgt Ion:	278	Resp:	376089
Ion Ratio	Lower	Upper	
278	100		
139	17.7	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 50.443 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.01 min

Lab File: BF104687.D

Acq: 20 Apr 2018 21:01

Instrument :

BNA_F

ClientSampleId :

PB108449BS

Tot Ion:	276	Resp:	365041
Ion Ratio	Lower	Upper	
276	100		
277	23.0	17.9	26.9
138	24.6	21.8	32.8

Manual Integrations
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