

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104447.D
 Acq On : 12 Apr 2018 13:35
 Operator : JU/SJ
 Sample : PB108173BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108173BS

Manual Integrations
 APPROVED

Sohil
 4/13/2018 4:43:52 PM

Quant Time: Apr 12 17:13:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139325	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	564007	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	262852	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	468900	20.00	ng	0.00
75) Chrysene-d12	13.99	240	290523	20.00	ng	0.00
86) Perylene-d12	15.45	264	247391	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1042362	114.40	ng	0.02
7) Phenol-d6	6.45	99	1280378	114.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	817283	94.62	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	337405	123.74	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1411806	84.85	ng	0.00
78) Terphenyl-d14	12.93	244	1285265	100.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	138675	32.662	ng	90
3) Pyridine	3.35	79	403598	33.810	ng	# 86
4) n-Nitrosodimethylamine	3.30	42	167658	40.179	ng	79
6) Aniline	6.48	93	446792	28.725	ng	95
8) 2-Chlorophenol	6.60	128	399587	41.549	ng	98
9) Benzaldehyde	6.36	77	127598	18.726	ng	99
10) Phenol	6.46	94	488267	41.104	ng	91
11) bis(2-Chloroethyl)ether	6.55	93	383129	40.417	ng	96
12) 1,3-Dichlorobenzene	6.75	146	417717	38.339	ng	99
13) 1,4-Dichlorobenzene	6.83	146	418945	38.574	ng	99
14) 1,2-Dichlorobenzene	6.98	146	388680	38.618	ng	99
15) Benzyl Alcohol	6.96	79	338420	39.799	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	487543	38.298	ng	93
17) 2-Methylphenol	7.07	107	337482	40.369	ng	97
18) Hexachloroethane	7.32	117	154900	40.002	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	267278	36.534	ng	91
20) 3+4-Methylphenols	7.22	107	389937	37.609	ng	# 75
22) Acetophenone	7.23	105	523217	37.681	ng	# 98
24) Nitrobenzene	7.40	77	414844	43.502	ng	99
25) Isophorone	7.64	82	762327	41.737	ng	99
26) 2-Nitrophenol	7.71	139	223665	57.612	ng	99
27) 2,4-Dimethylphenol	7.75	122	361984	44.906	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	486547	43.568	ng	99
29) 2,4-Dichlorophenol	7.96	162	335809	43.661	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	340918	40.389	ng	99
31) Naphthalene	8.12	128	1129348	40.212	ng	99
32) Benzoic acid	7.89	122	273527	42.528	ng	97
33) 4-Chloroaniline	8.17	127	322706	26.821	ng	96
34) Hexachlorobutadiene	8.23	225	184001	39.797	ng	99
35) Caprolactam	8.56	113	110926m	41.342	ng	
36) 4-Chloro-3-methylphenol	8.65	107	360113	43.665	ng	98
37) 2-Methylnaphthalene	8.81	142	746158	41.073	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	320837	42.640	ng	99
40) Hexachlorocyclopentadiene	8.96	237	371486	88.189	ng	99

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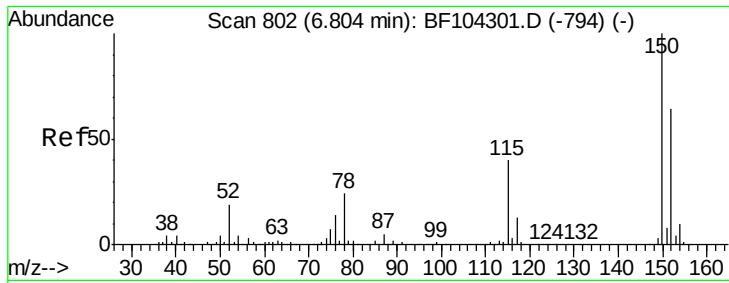
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	232882	44.585	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	250560	42.867	nq	96
45) 1,1'-Biphenyl	9.27	154	889725	40.293	nq	99
46) 2-Chloronaphthalene	9.30	162	700062	40.138	nq	99
47) 2-Nitroaniline	9.40	65	219745	50.946	nq	97
48) Acenaphthylene	9.72	152	1069274	39.074	nq	100
49) Dimethylphthalate	9.58	163	837683	40.413	nq	99
50) 2,6-Dinitrotoluene	9.64	165	193161	50.362	nq	99
51) Acenaphthene	9.89	154	629105	37.679	nq	100
52) 3-Nitroaniline	9.81	138	152353	33.930	nq	98
53) 2,4-Dinitrophenol	9.92	184	194998	106.325	nq	# 20
54) Dibenzofuran	10.06	168	948561	40.766	nq	99
55) 4-Nitrophenol	9.98	139	326191	92.479	nq	95
56) 2,4-Dinitrotoluene	10.05	165	245618	48.821	nq	# 99
57) Fluorene	10.40	166	710974	41.979	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	195897	44.924	nq	96
59) Diethylphthalate	10.28	149	818473	39.648	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	331614	43.966	nq	98
61) 4-Nitroaniline	10.43	138	186886	42.567	nq	99
62) Azobenzene	10.56	77	774631	39.276	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	124075	53.363	nq	# 78
65) n-Nitrosodiphenylamine	10.52	169	668232	41.102	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	207593	41.622	nq	93
67) Hexachlorobenzene	10.95	284	230885	41.141	nq	91
68) Atrazine	11.04	200	212314	43.264	nq	99
69) Pentachlorophenol	11.14	266	246429	70.978	nq	96
70) Phenanthrene	11.37	178	1033659	39.584	nq	99
71) Anthracene	11.42	178	1070449	40.327	nq	100
72) Carbazole	11.57	167	940721	36.268	nq	99
73) Di-n-butylphthalate	11.90	149	1219365	38.484	nq	99
74) Fluoranthene	12.56	202	1023078	37.499	nq	99
77) Pyrene	12.79	202	1021274	47.425	nq	100
79) Butylbenzylphthalate	13.40	149	456584	45.005	nq	99
80) Benzo(a)anthracene	13.97	228	746233	42.995	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	211823	32.733	nq	98
82) Chrysene	14.02	228	717006	40.219	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	596052	45.677	nq	99
84) Di-n-octyl phthalate	14.59	149	889408	40.790	nq	96
85) Indeno(1,2,3-cd)pyrene	16.91	276	818199	54.027	nq	97
87) Benzo(b)fluoranthene	15.03	252	623289	39.891	nq	98
88) Benzo(k)fluoranthene	15.06	252	623942	42.298	nq	98
89) Benzo(a)pyrene	15.39	252	615240	44.008	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	669631	58.320	nq	97
91) Benzo(g,h,i)perylene	17.36	276	707829	63.630	nq	96

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



#1

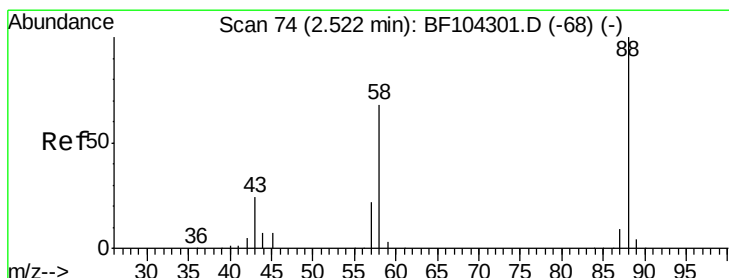
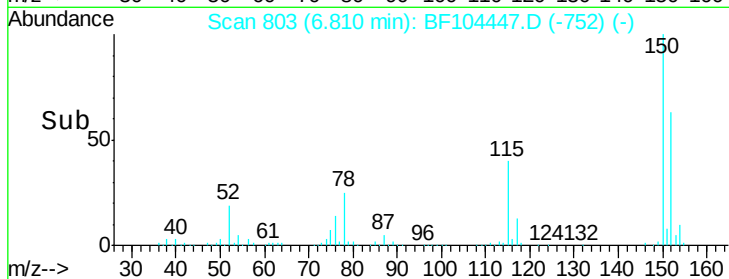
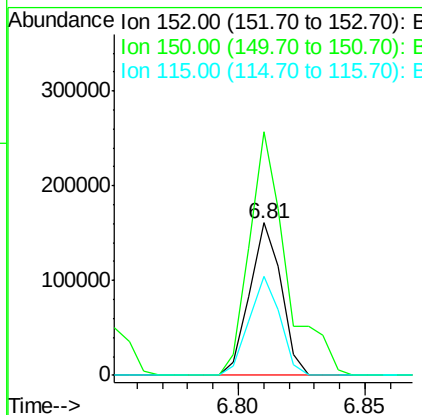
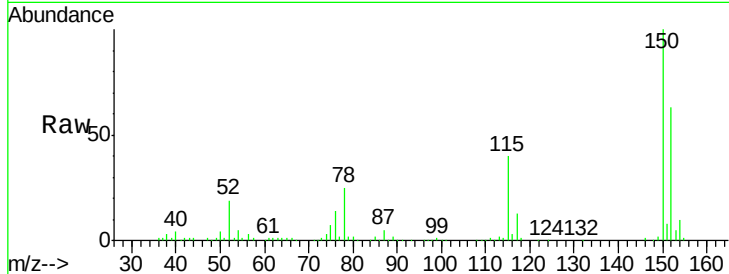
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108173BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	64.5	50.1	75.1

Manual Integrations
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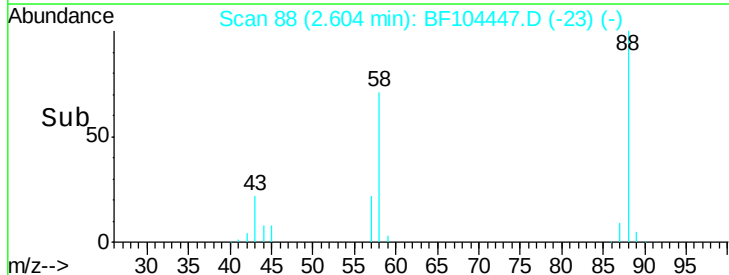
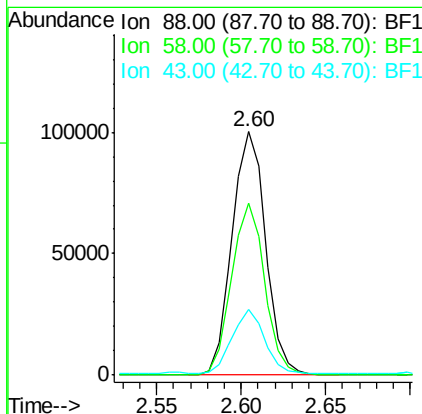
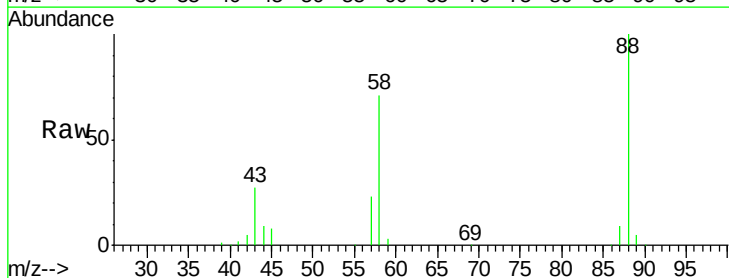
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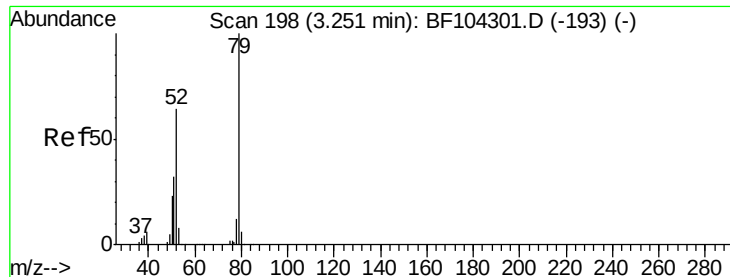


#2

1,4-Dioxane
 Concen: 32.662 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.08 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	62.6	93.8
43	25.5	24.6	37.0





#3

Pvridine

Concen: 33.810 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

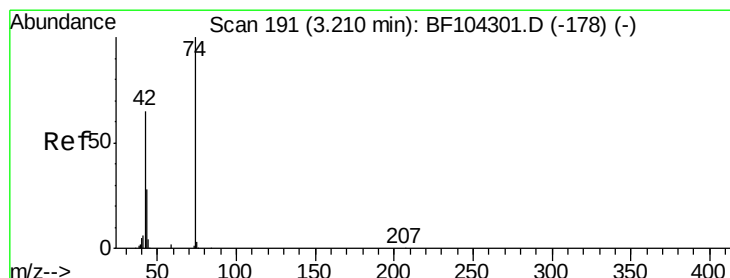
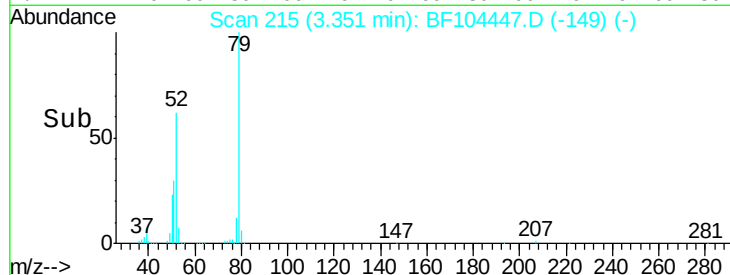
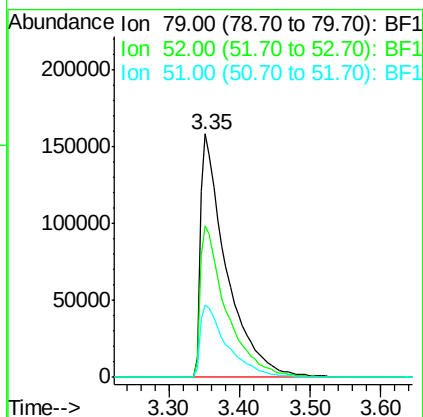
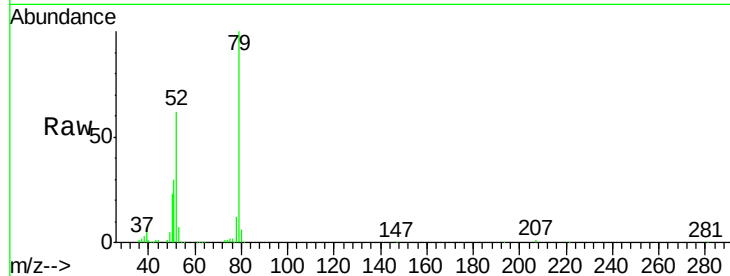
ClientSampleId :

PB108173BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	62.4	59.8	89.6		
51	29.6	29.8	44.8		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.179 ng

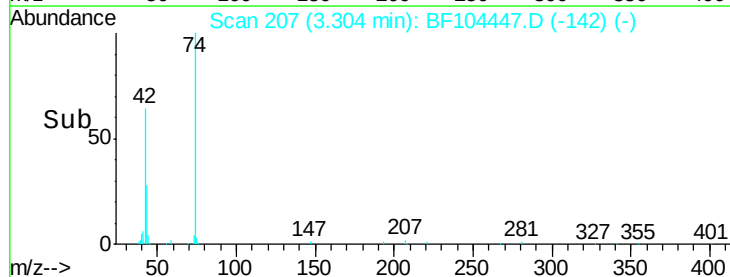
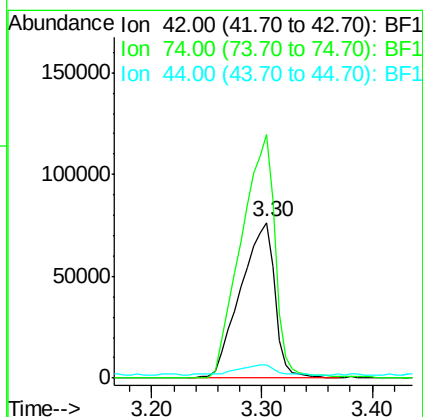
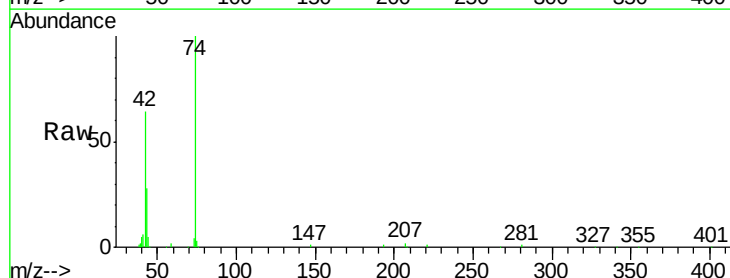
RT: 3.30 min Scan# 207

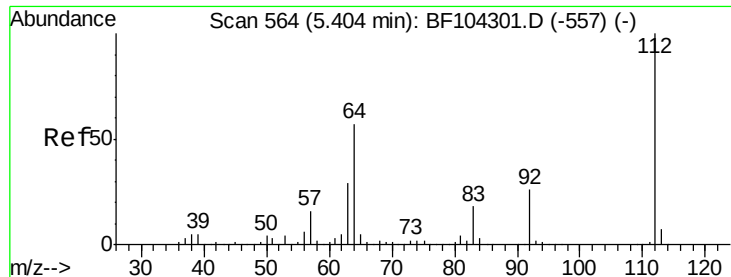
Delta R.T. 0.08 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	156.8	104.9	157.3		
44	8.4	6.9	10.3		





#5

2-Fluorophenol

Concen: 114.397 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

PB108173BS

Tot Ion:112 Resp: 1042362

Ion Ratio Lower Upper

112 100

64 57.7 47.9 71.9

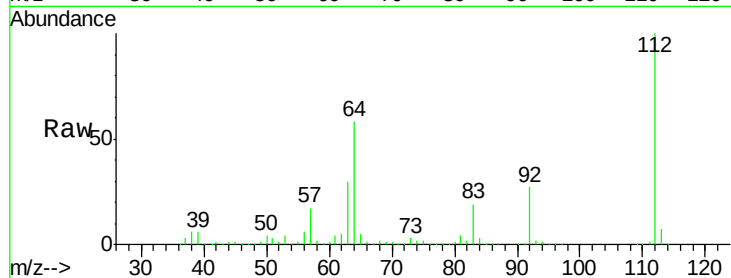
63 30.4 23.7 35.5

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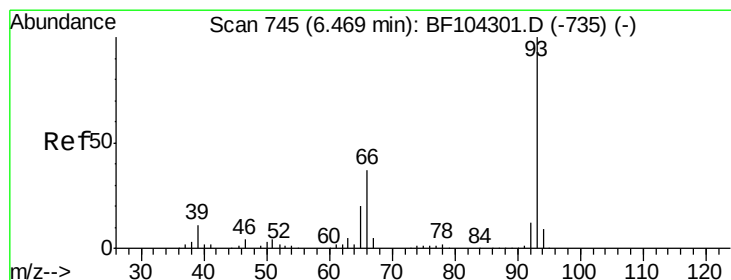
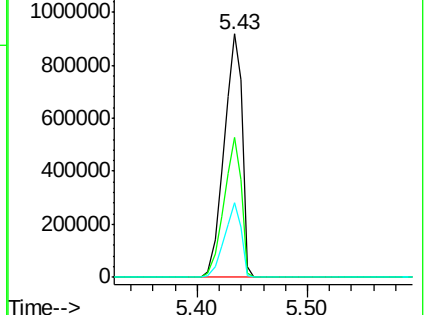
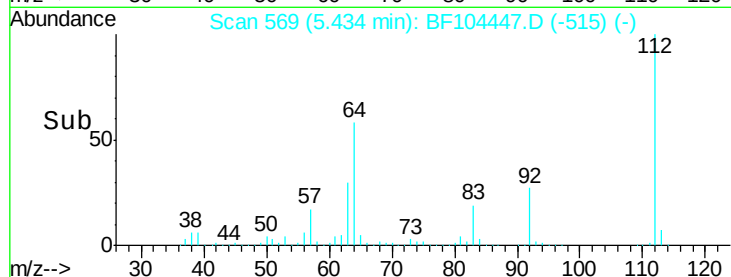
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.725 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

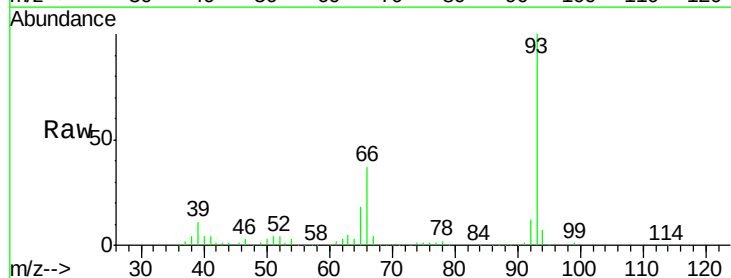
Tgt Ion: 93 Resp: 446792

Ion Ratio Lower Upper

93 100

66 37.3 32.2 48.2

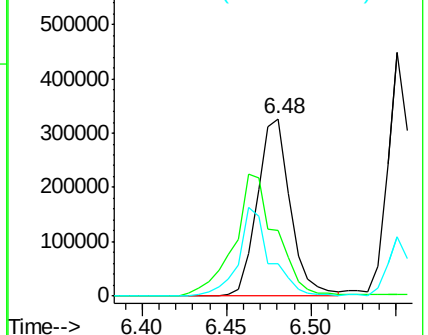
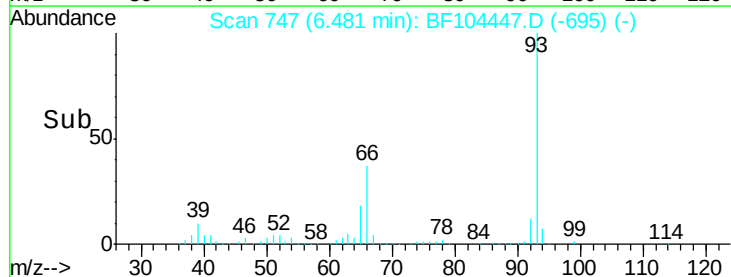
65 18.1 16.4 24.6

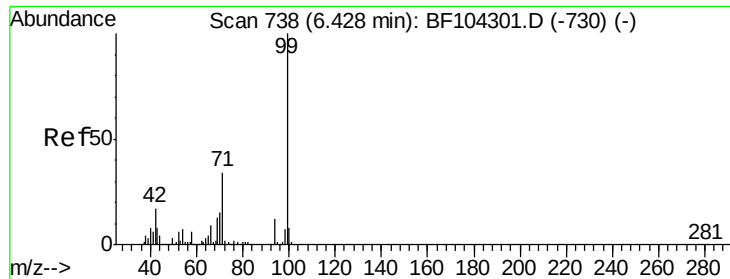


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.366 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

PB108173BS

Tot Ion: 99 Resp: 1280378

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

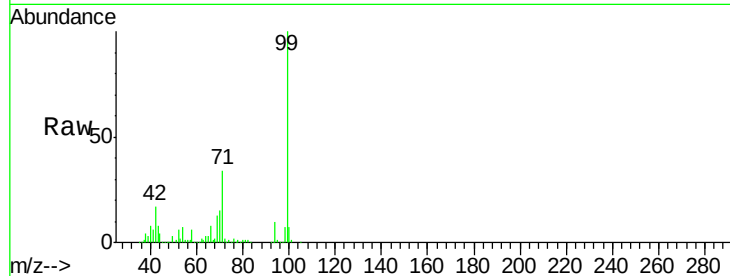
71 33.8 25.4 38.0

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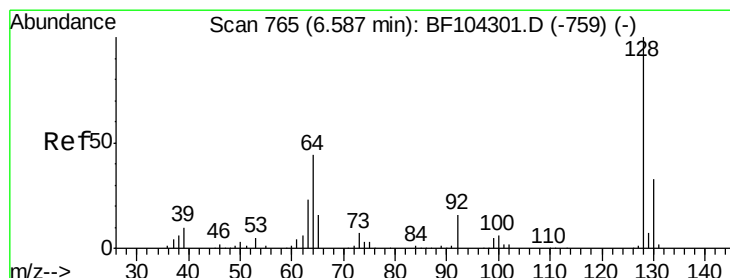
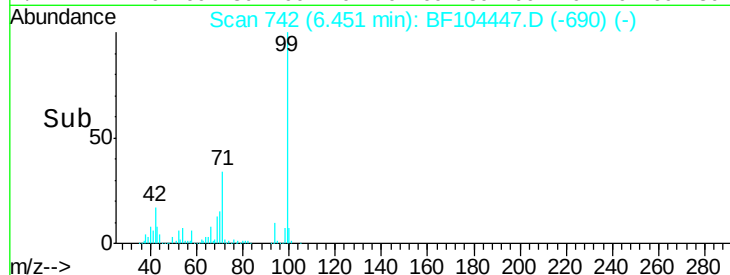
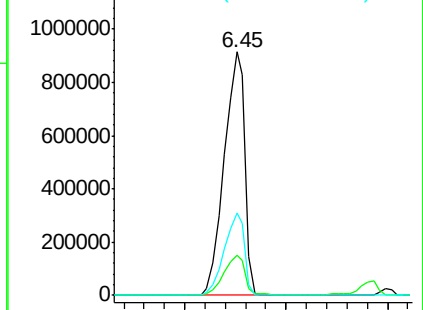
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.549 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

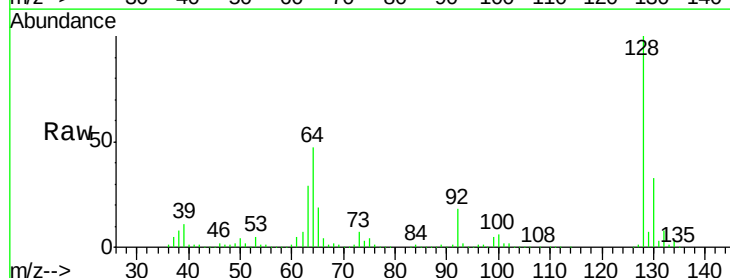
Tgt Ion: 128 Resp: 399587

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

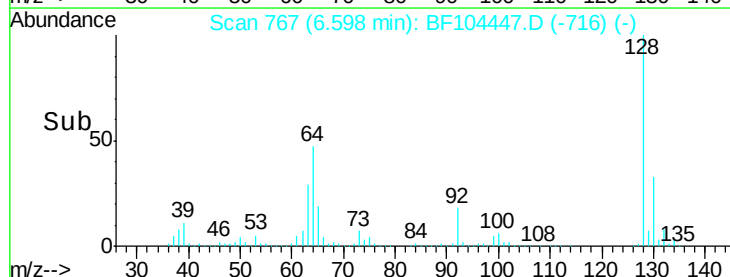
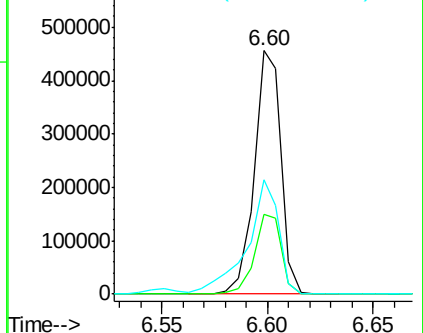
64 47.0 29.4 69.4

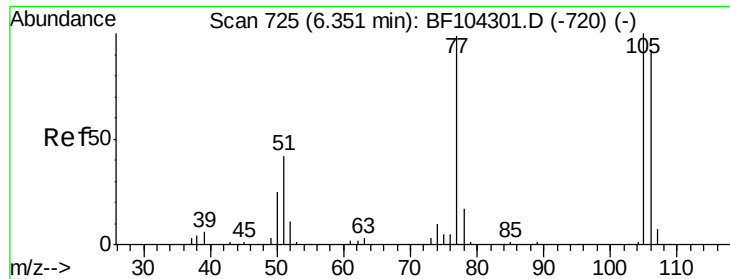


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.726 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

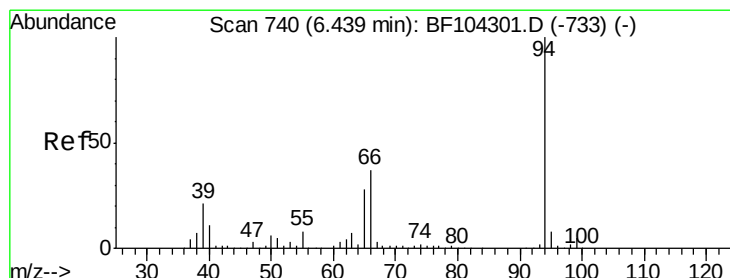
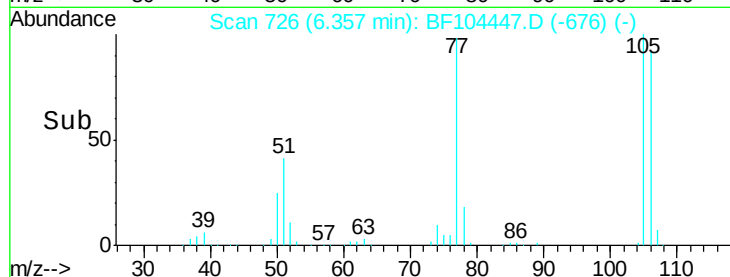
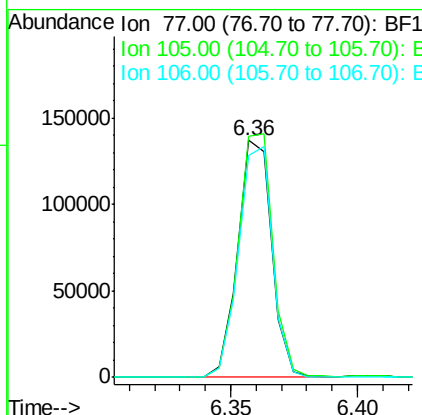
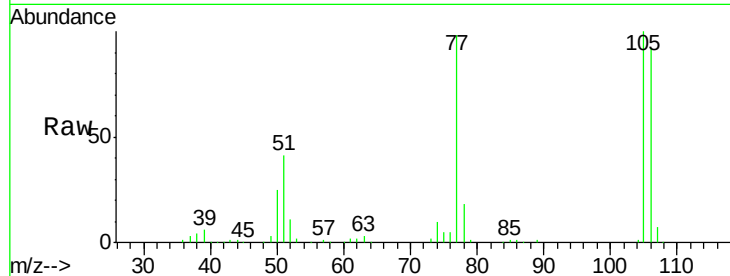
ClientSampleId :

PB108173BS

Tot Ion:	77	Resp:	127598
Ion Ratio	Lower	Upper	
77	100		
105	101.5	81.1	121.1
106	93.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 41.104 ng

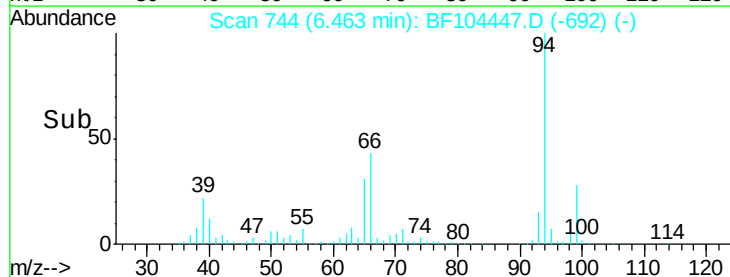
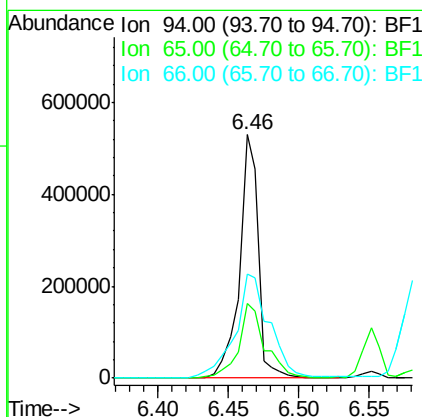
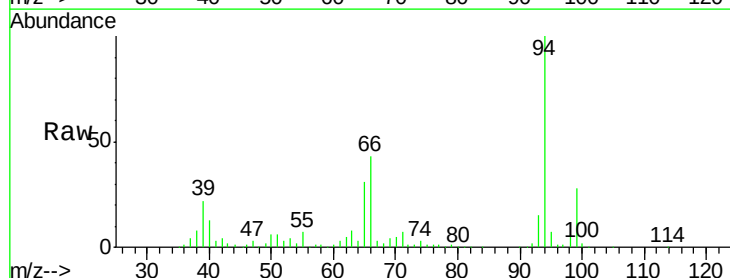
RT: 6.46 min Scan# 744

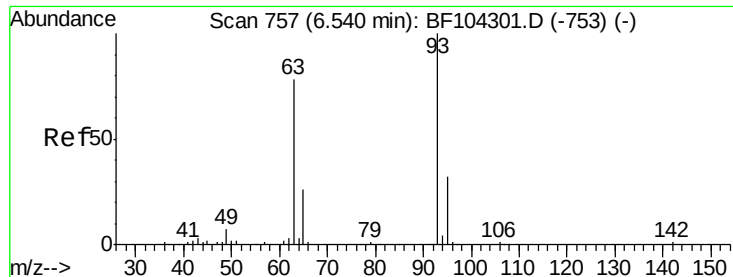
Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion:	94	Resp:	488267
Ion Ratio	Lower	Upper	
94	100		
65	30.9	7.9	47.9
66	42.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.417 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

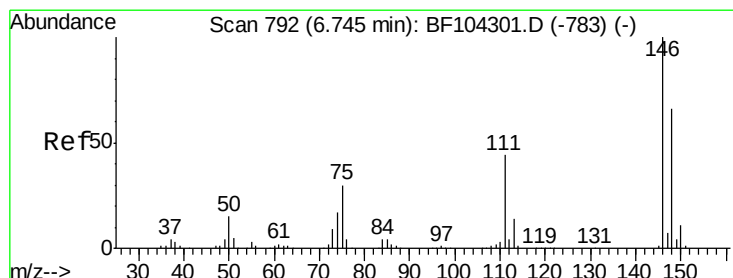
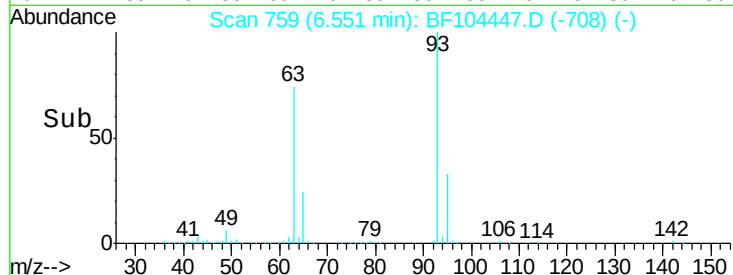
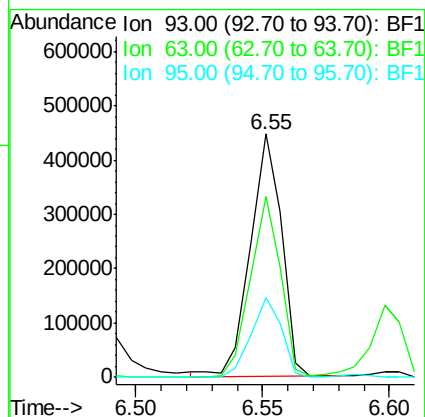
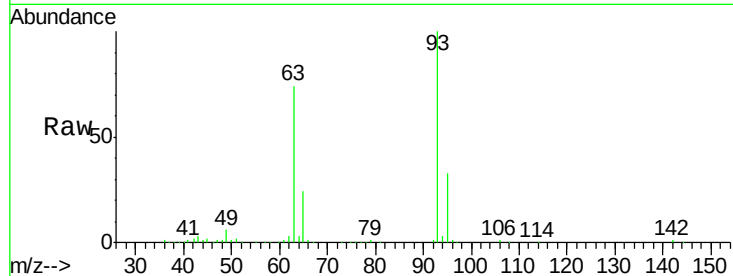
ClientSampleId :

PB108173BS

Tot Ion:	93	Resp:	383129
Ion Ratio	Lower	Upper	
93	100		
63	74.2	58.6	98.6
95	32.6	11.8	51.8

Manual Integrations
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Sohil
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#12

1,3-Dichlorobenzene

Concen: 38.339 ng

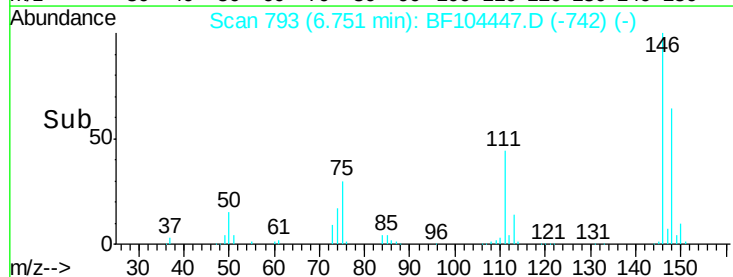
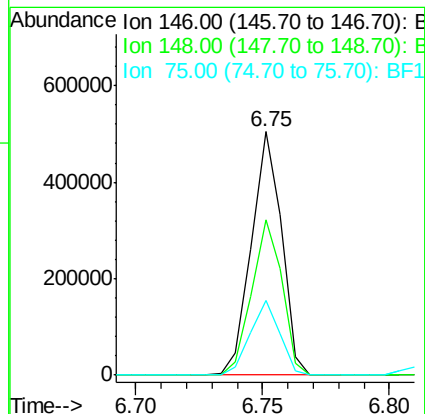
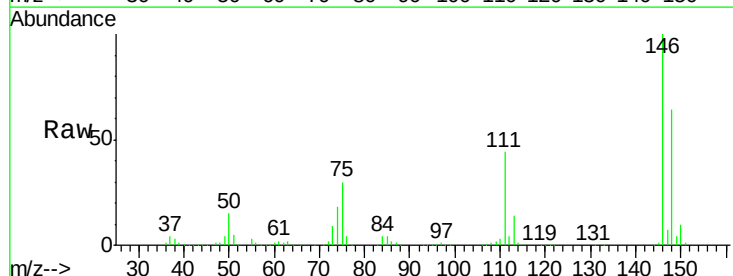
RT: 6.75 min Scan# 793

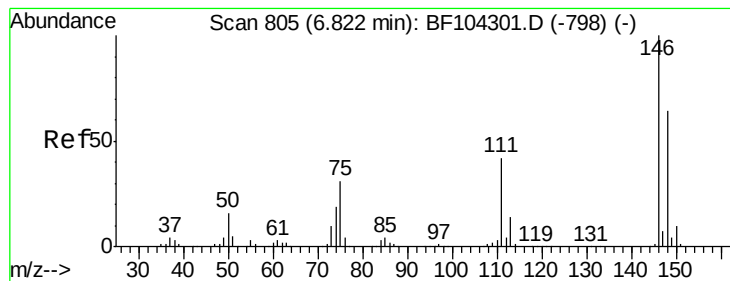
Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion:	146	Resp:	417717
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	30.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.574 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

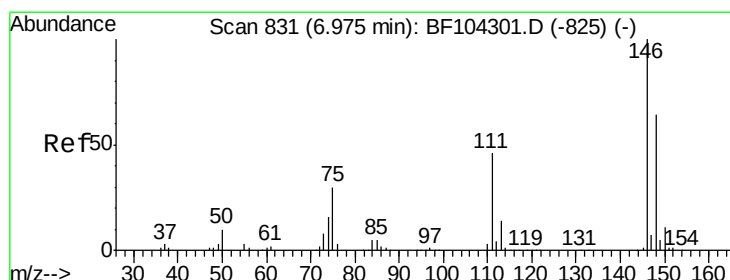
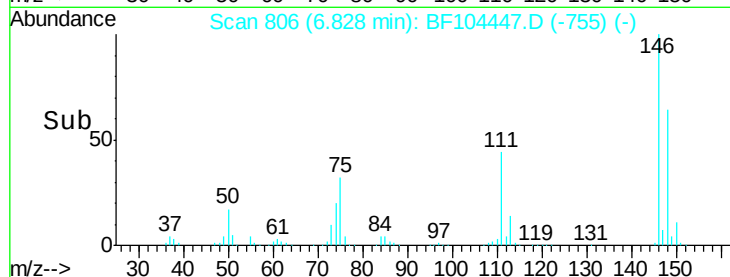
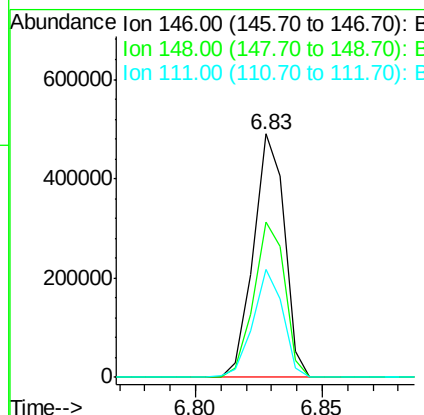
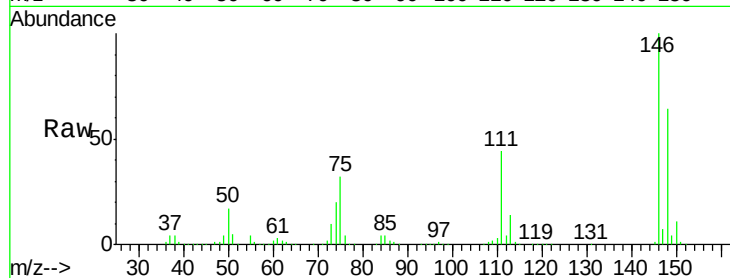
ClientSampleId :

PB108173BS

Tot Ion:	146	Resp:	418945
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	44.2	34.2	51.2

Manual Integrations
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Sohil
4/13/2018 4:43:52 PM



#14

1,2-Dichlorobenzene

Concen: 38.618 ng

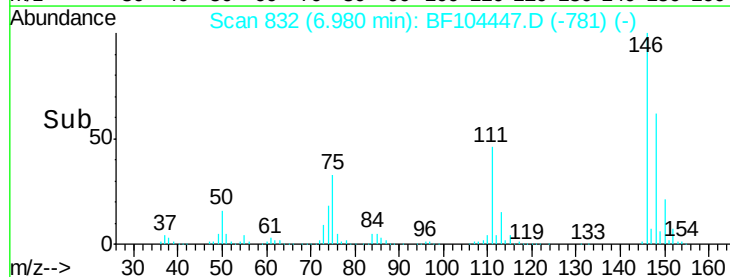
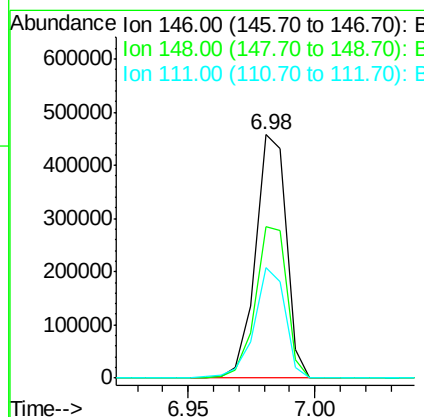
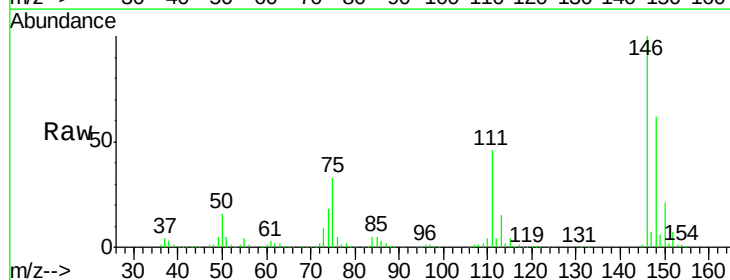
RT: 6.98 min Scan# 832

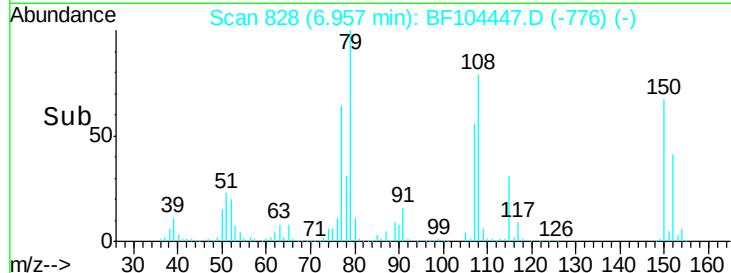
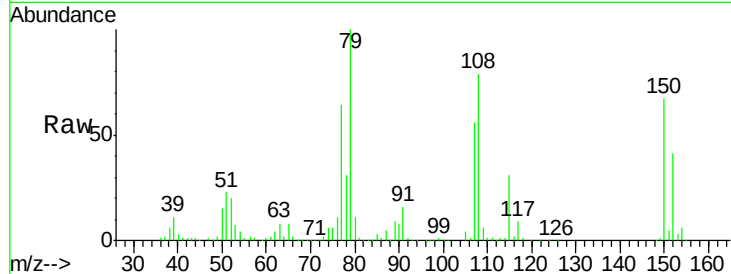
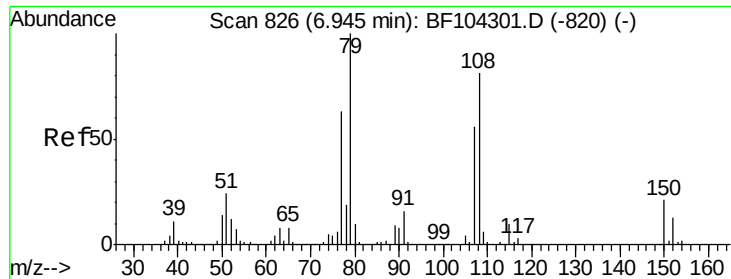
Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion:	146	Resp:	388680
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.6	75.8
111	45.6	36.0	54.0





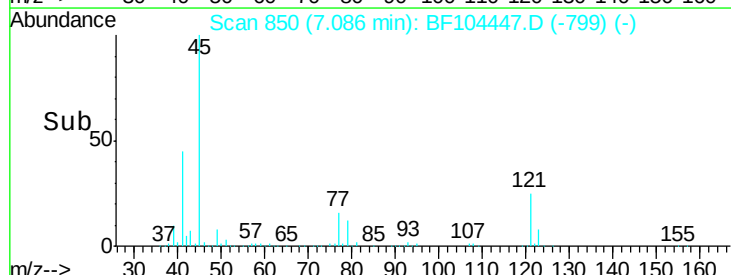
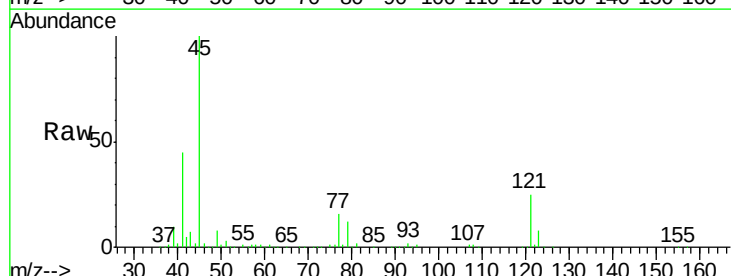
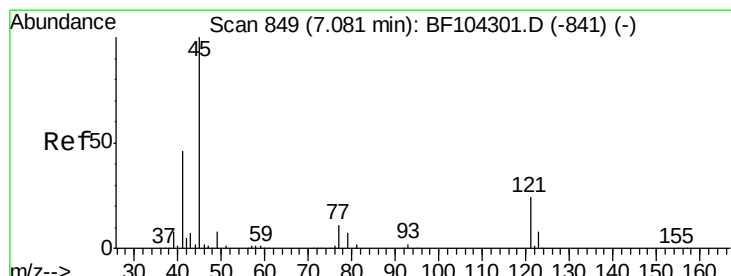
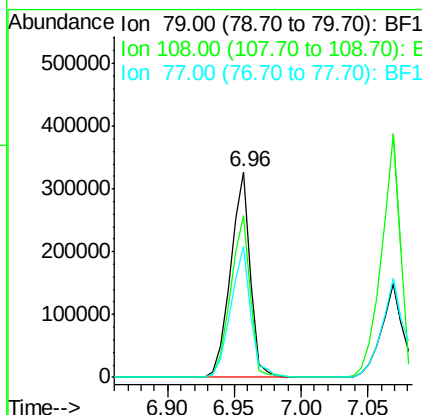
#15
Benzyl Alcohol
Concen: 39.799 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tot Ion: 79 Resp: 338420
Ion Ratio Lower Upper
79 100
108 78.7 65.1 97.7
77 63.6 50.6 75.8

Instrument :
BNA_F
ClientSampled :
PB108173BS

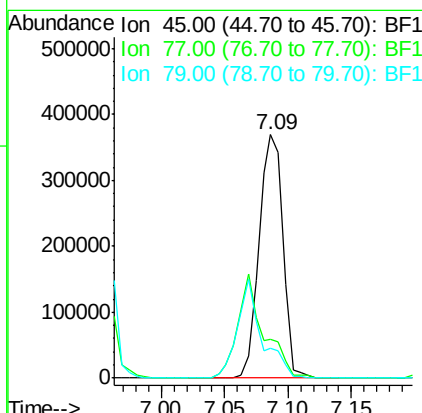
Manual Integrations
APPROVED

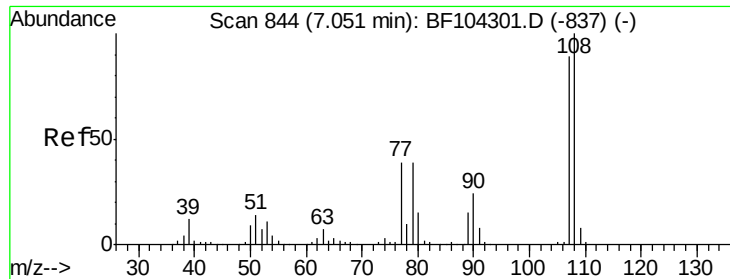
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.298 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion: 45 Resp: 487543
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.9
79 12.1 0.0 29.6





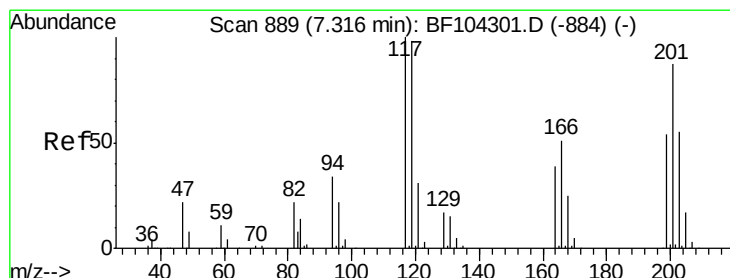
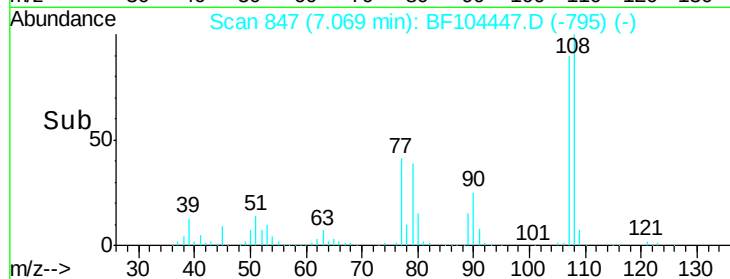
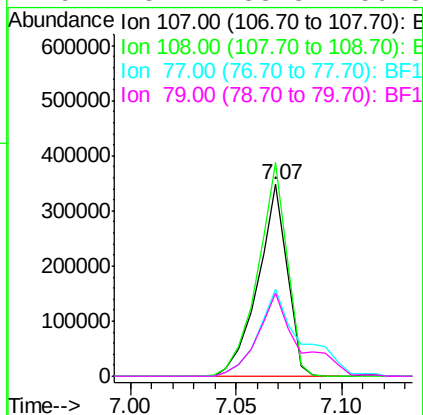
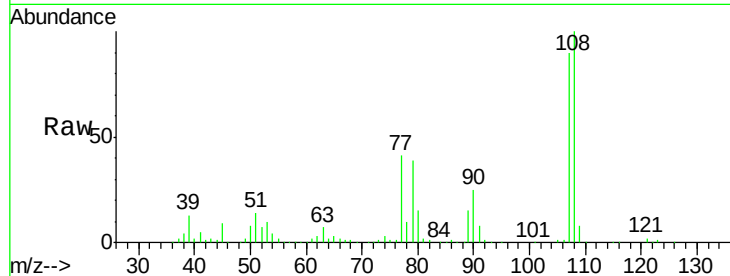
#17
2-Methylphenol
Concen: 40.369 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion:	107	Resp:	337482
Ion Ratio	Lower	Upper	
107	100		
108	111.3	91.7	137.5
77	45.2	33.8	50.8
79	43.1	33.8	50.8

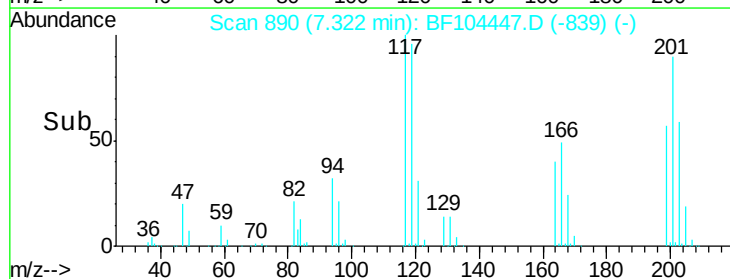
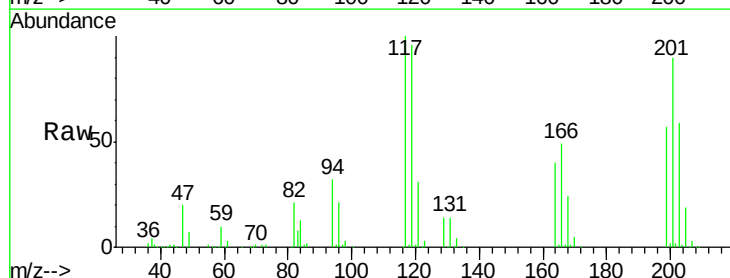
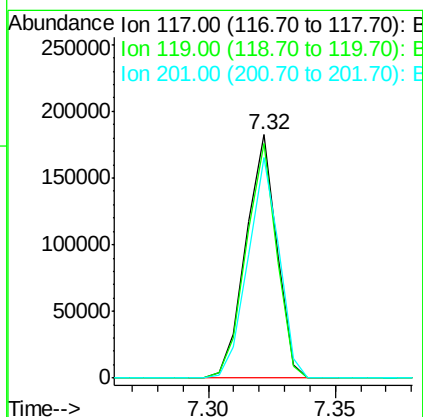
Manual Integrations
APPROVED

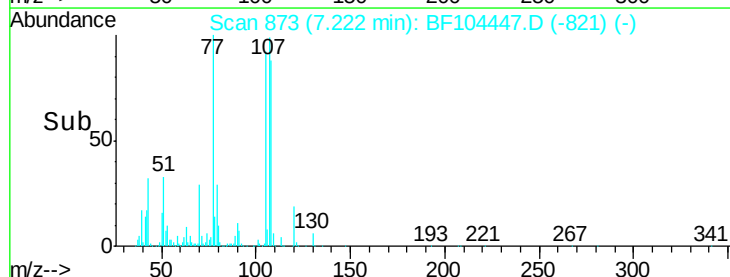
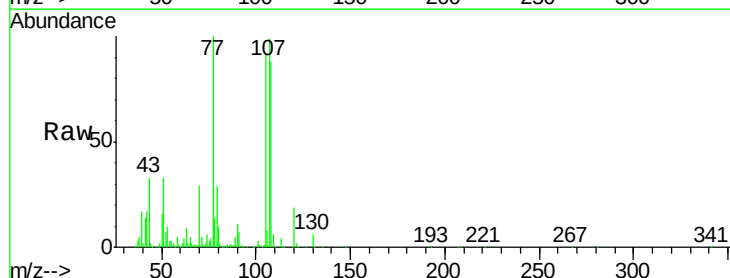
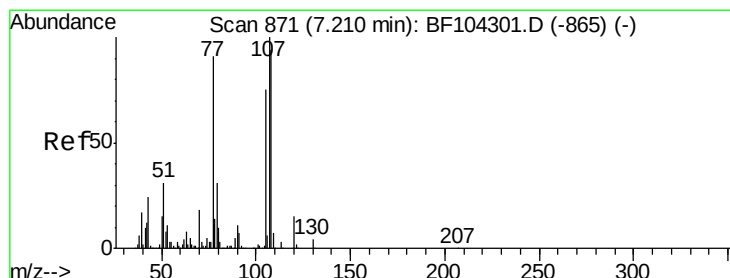
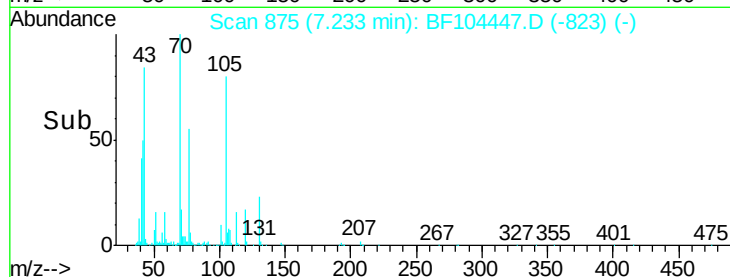
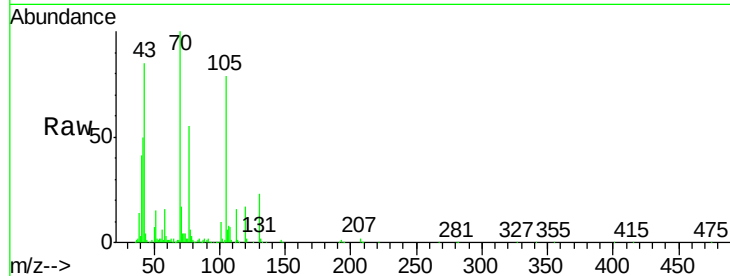
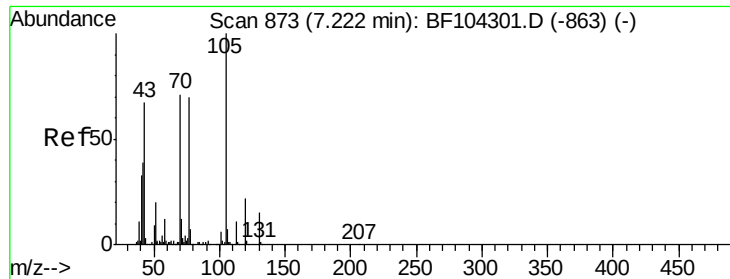
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#18
Hexachloroethane
Concen: 40.002 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:	117	Resp:	154900
Ion Ratio	Lower	Upper	
117	100		
119	96.5	75.8	113.8
201	90.5	75.7	113.5





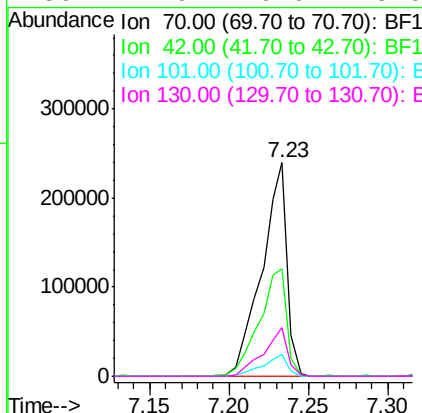
#19
n-Nitroso-di-n-propylamine
Concen: 36.534 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	10.0	7.4	11.2
130	22.9	16.6	25.0

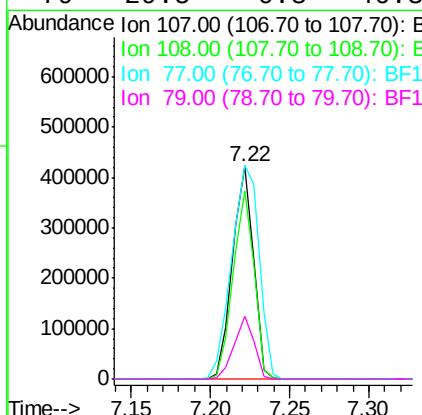
Manual Integrations
APPROVED

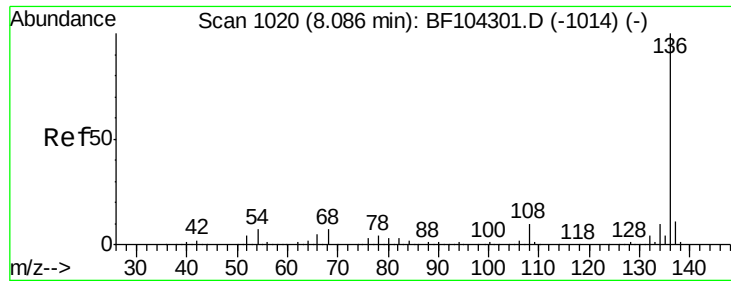
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#20
3+4-Methylphenols
Concen: 37.609 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	100.7	26.7	66.7#
79	29.5	6.3	46.3





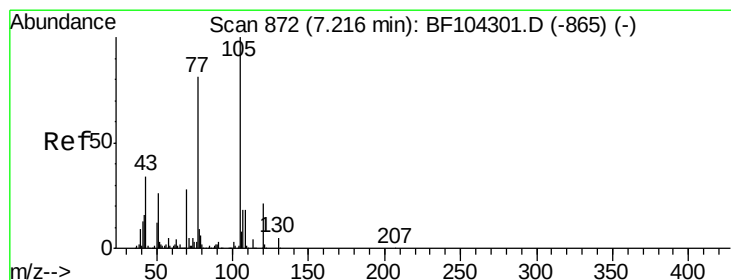
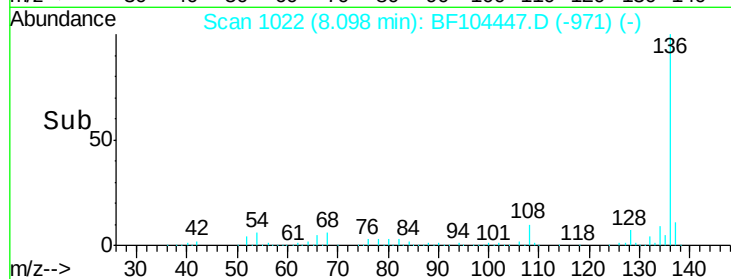
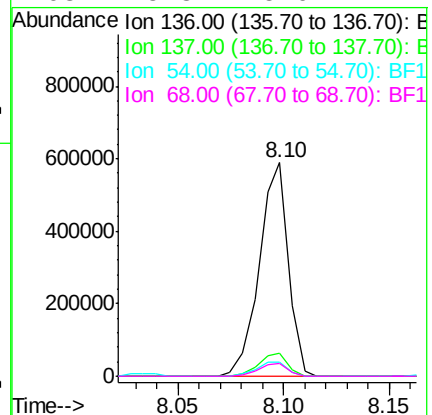
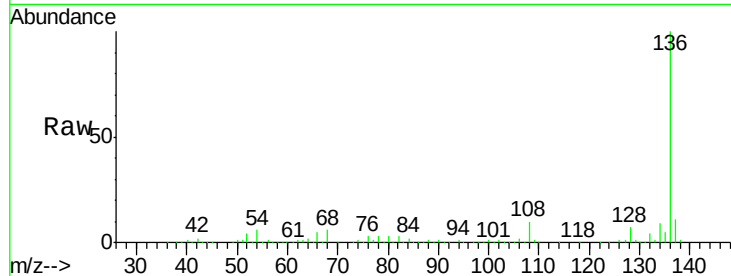
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.5	6.6	9.8	
68	5.8	5.0	7.4	

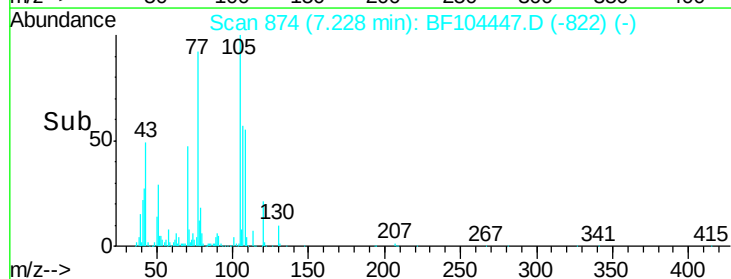
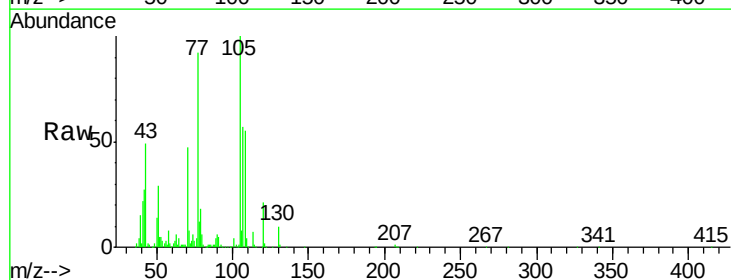
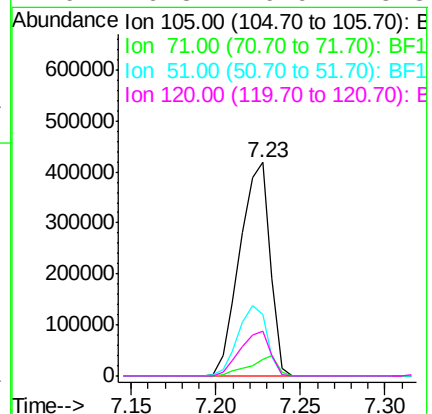
Manual Integrations
APPROVED

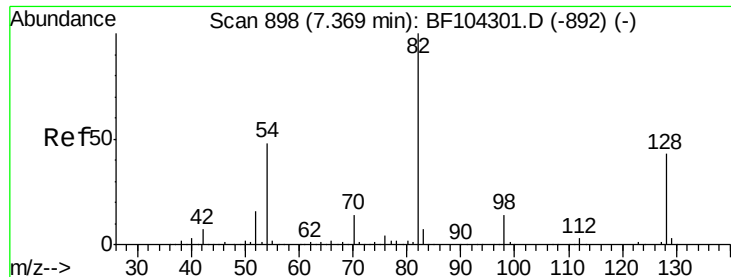
Sohil
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#22
Acetophenone
Concen: 37.681 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	4.4	6.6	
51	28.6	22.3	33.5	
120	20.8	16.9	25.3	





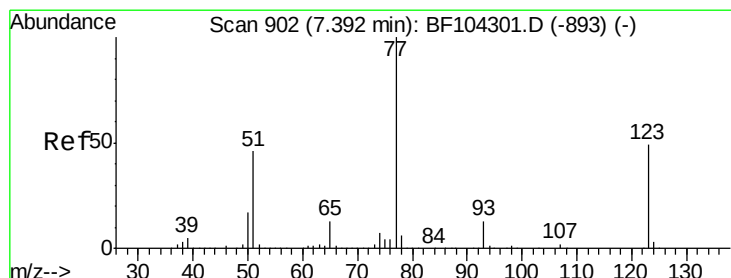
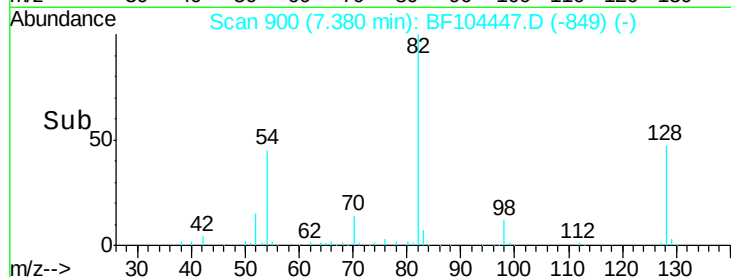
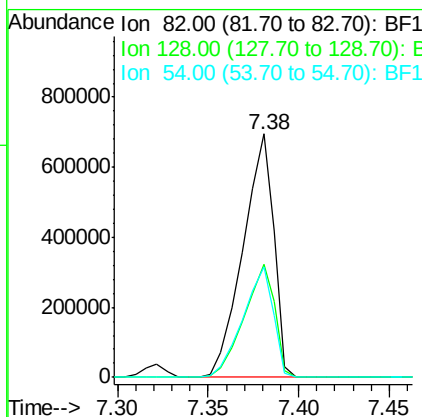
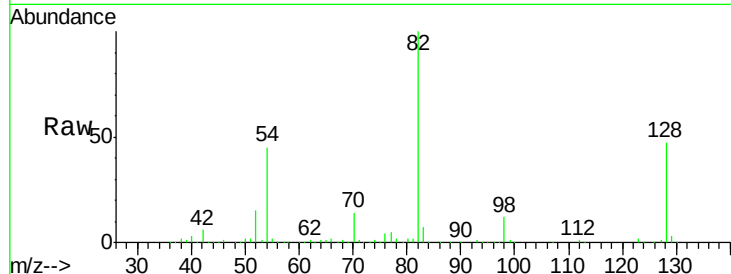
#23
Nitrobenzene-d5
Concen: 94.621 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	817283		
128	46.6	36.1	54.1	
54	45.3	41.4	62.2	

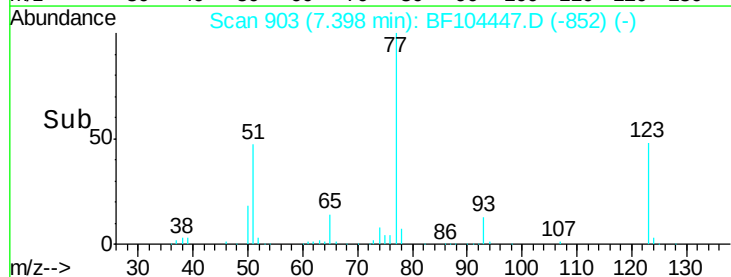
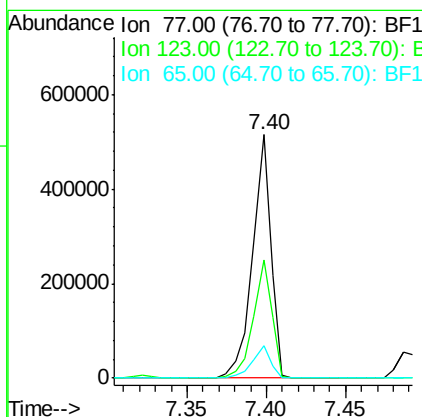
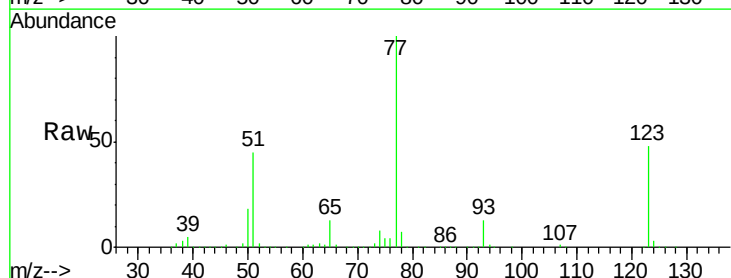
Manual Integrations
APPROVED

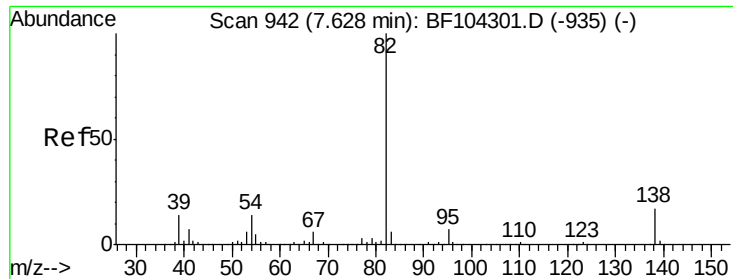
Sohil
4/13/2018 4:43:52 PM



#24
Nitrobenzene
Concen: 43.502 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	414844		
123	48.3	37.9	56.9	
65	13.5	11.0	16.4	





#25

Isophorone

Concen: 41.737 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

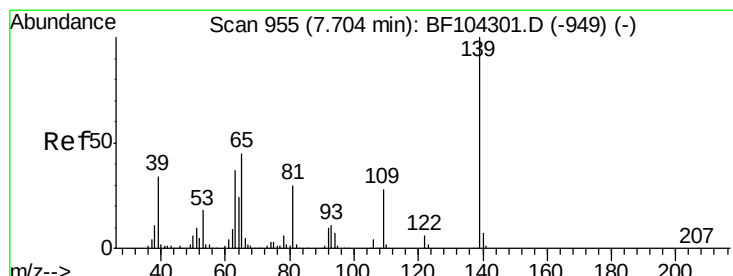
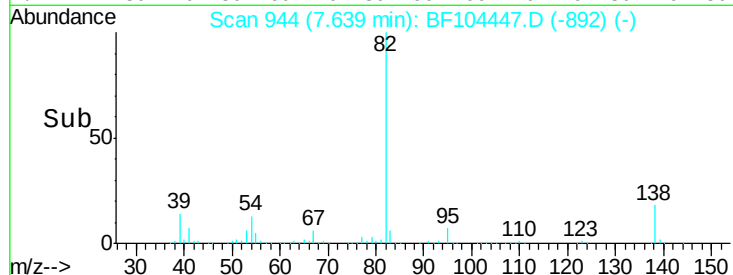
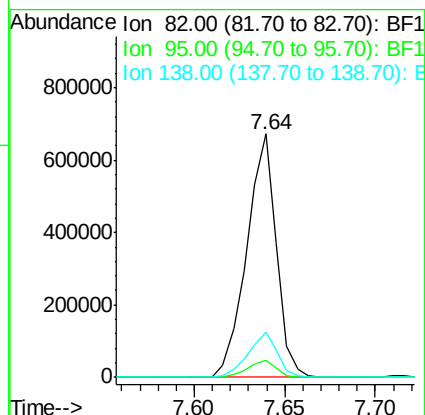
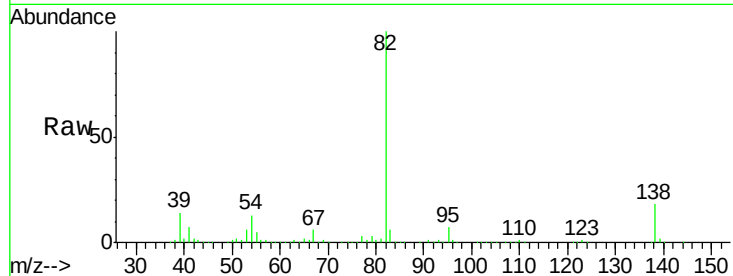
ClientSampleId :

PB108173BS

Tot Ion:	82	Resp:	762327
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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Sohil
4/13/2018 4:43:52 PM



#26

2-Nitrophenol

Concen: 57.612 ng

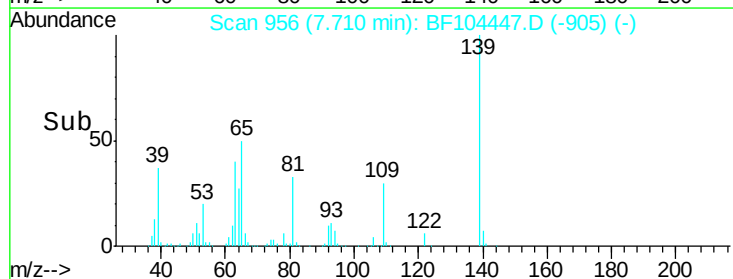
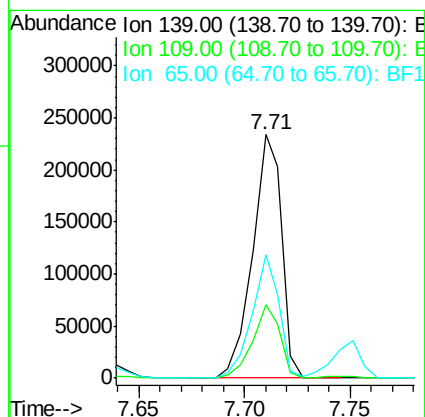
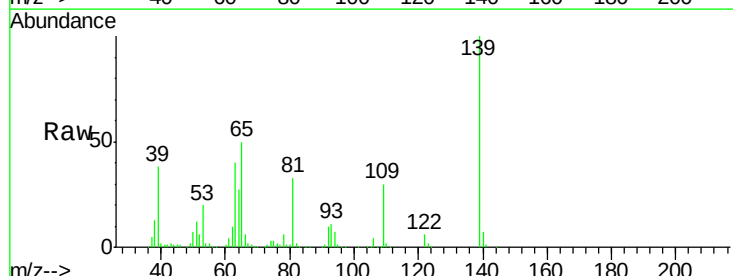
RT: 7.71 min Scan# 956

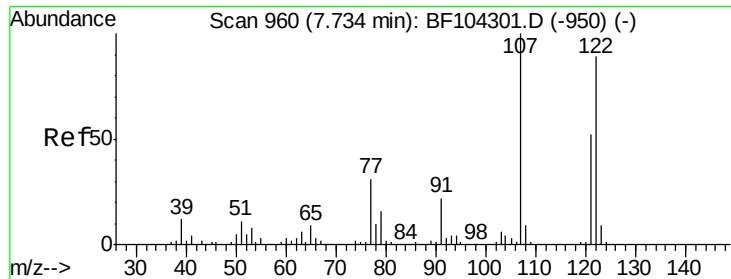
Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion:	139	Resp:	223665
Ion Ratio	Lower	Upper	
139	100		
109	30.3	22.7	34.1
65	50.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 44.906 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

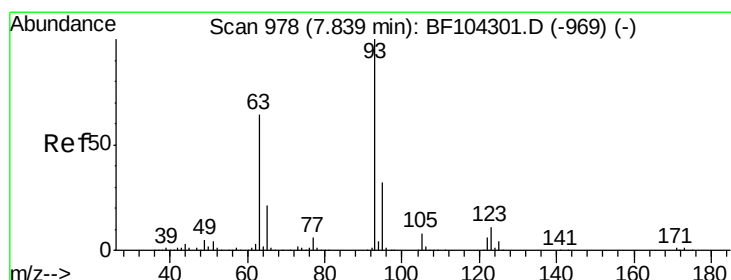
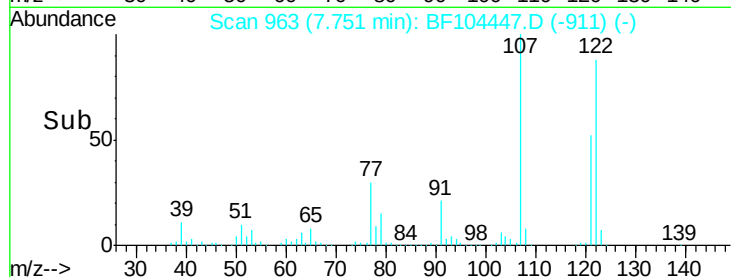
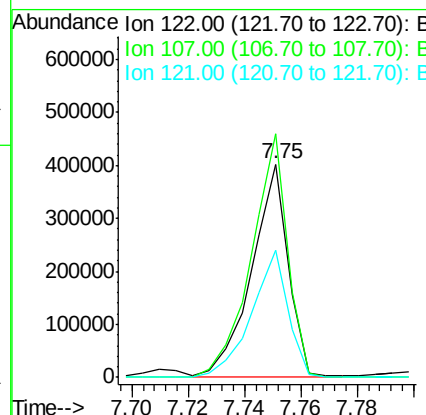
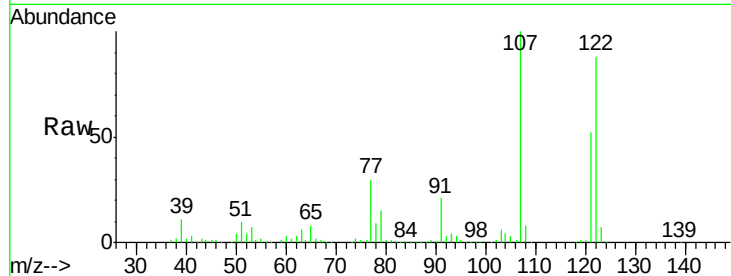
ClientSampleId :

PB108173BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		361984		
107	114.1	91.2	136.8		
121	59.4	47.2	70.8		

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#28

bis(2-Chloroethoxy)methane

Concen: 43.568 ng

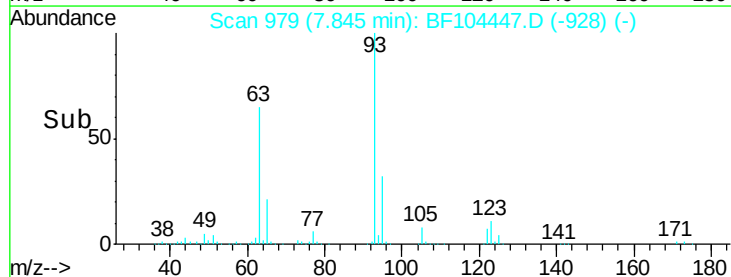
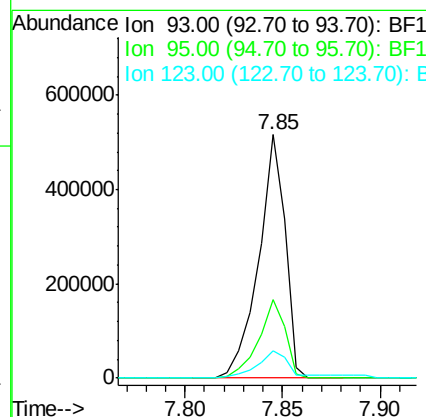
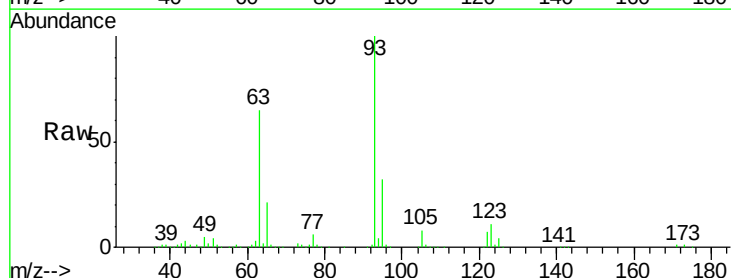
RT: 7.85 min Scan# 979

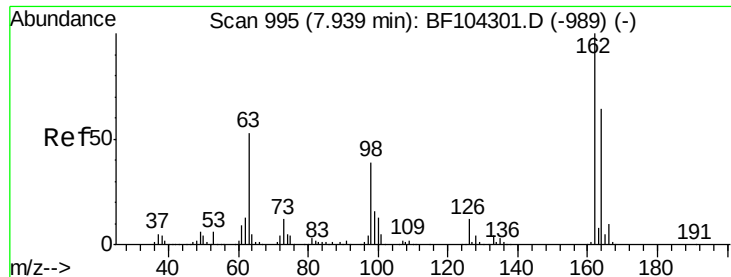
Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		486547		
95	32.3	26.3	39.5		
123	11.4	9.8	14.6		





#29

2,4-Dichlorophenol

Concen: 43.661 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

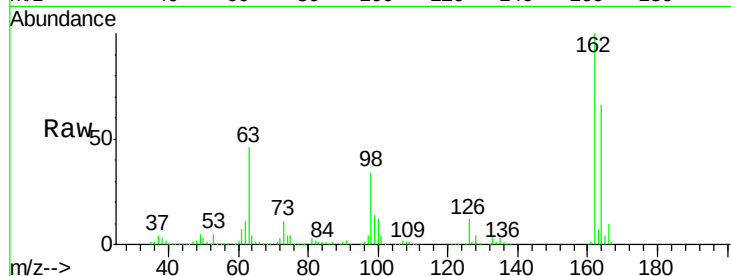
ClientSampled :

PB108173BS

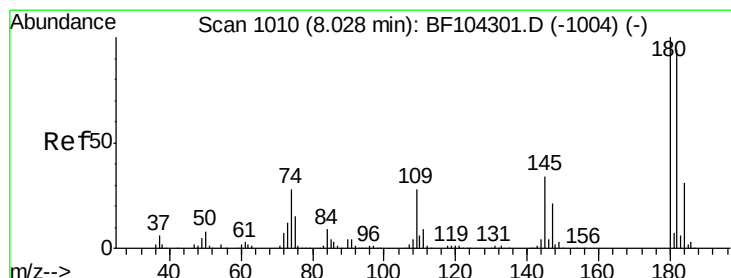
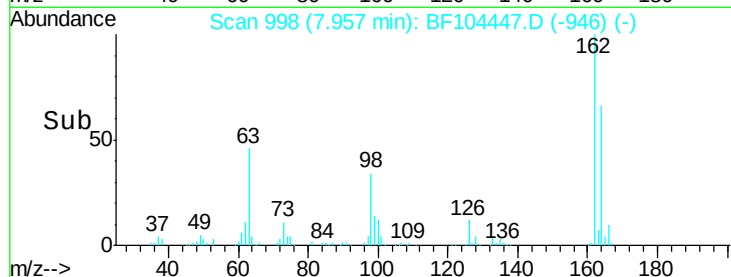
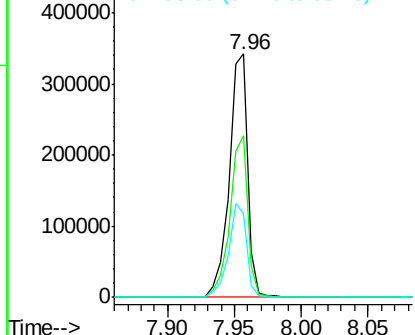
Tot Ion:	162	Resp:	335809
Ion Ratio	Lower	Upper	
162	100		
164	66.3	42.7	82.7
98	34.2	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 40.389 ng

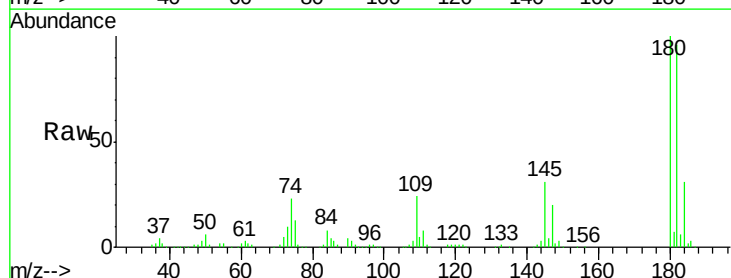
RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

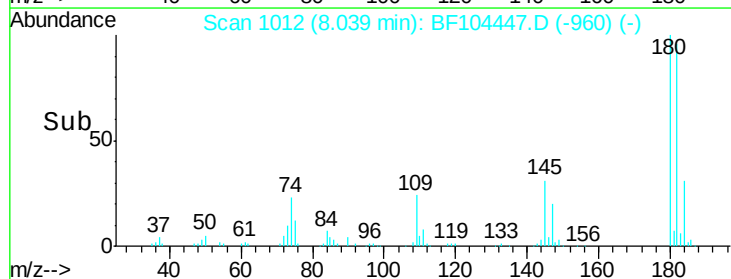
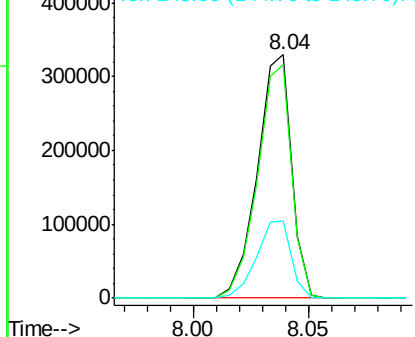
Lab File: BF104447.D

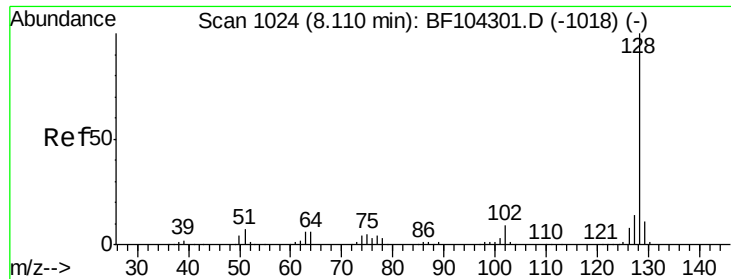
Acq: 12 Apr 2018 13:35

Tgt Ion:	180	Resp:	340918
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.8	115.2
145	31.5	26.5	39.7



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





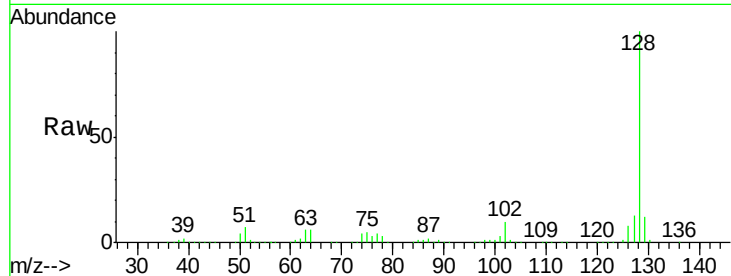
#31
Naphthalene
Concen: 40.212 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

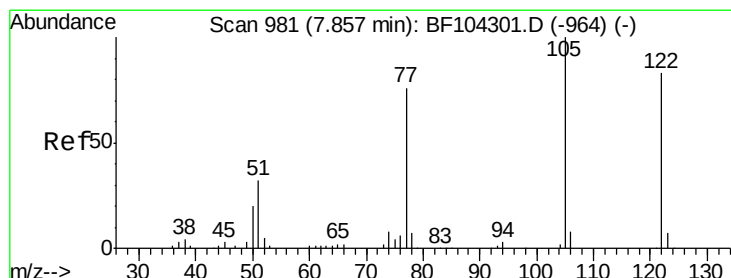
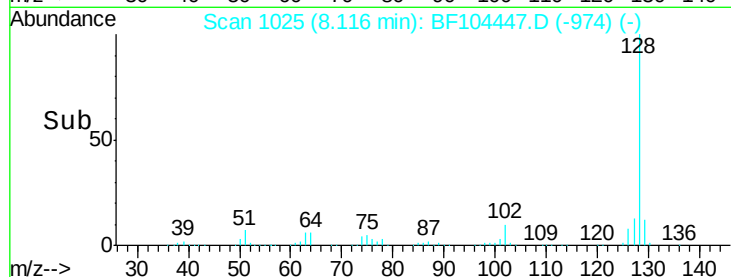
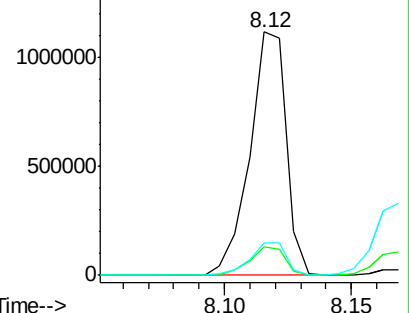
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.3	10.9	16.3

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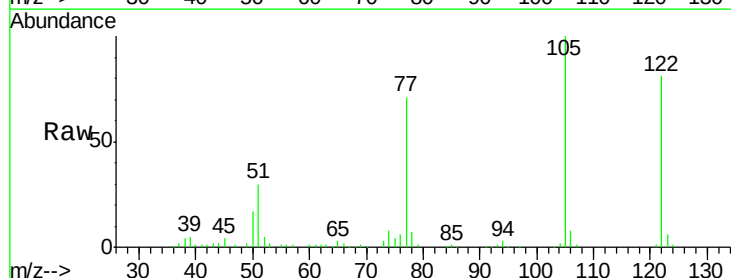


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

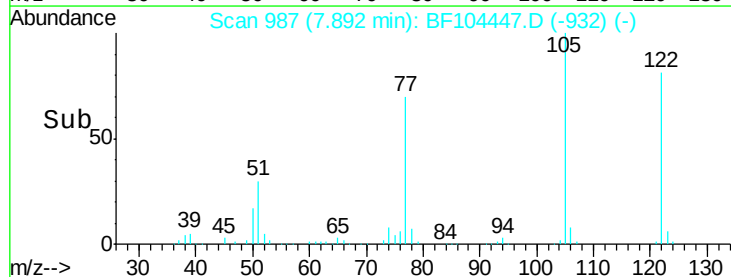
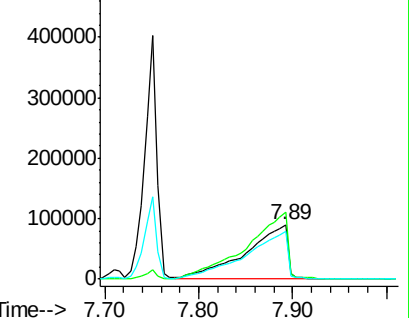


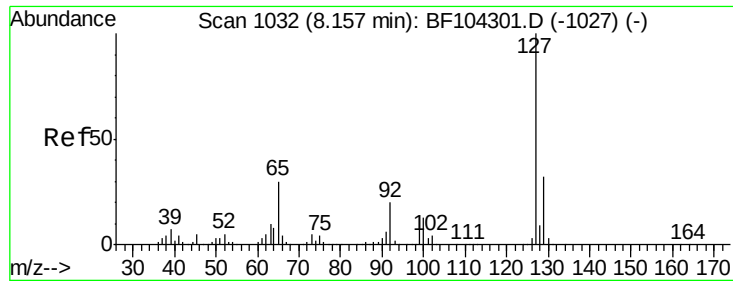
#32
Benzoic acid
Concen: 42.528 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.02 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	101.1	141.1
77	87.4	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





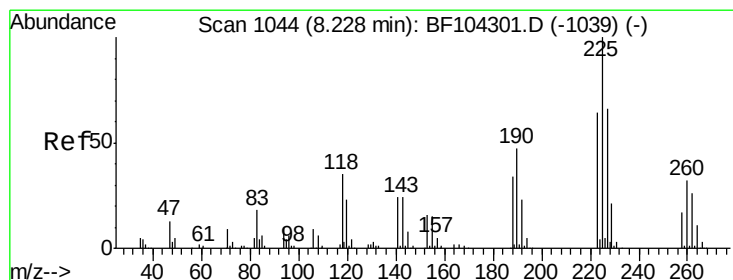
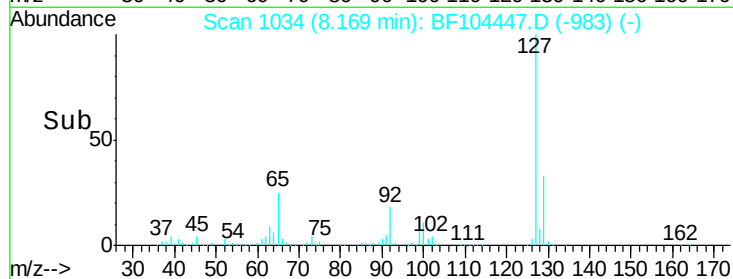
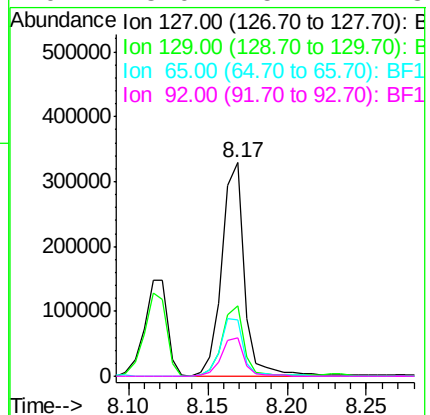
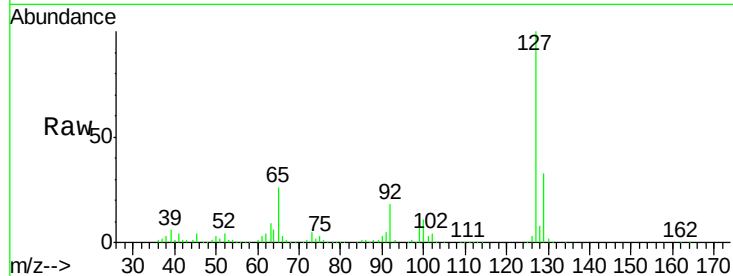
#33
4-Chloroaniline
Concen: 26.821 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampled :
PB108173BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8		25.9	38.9	
65	26.1		25.0	37.4	
92	18.0		15.2	22.8	

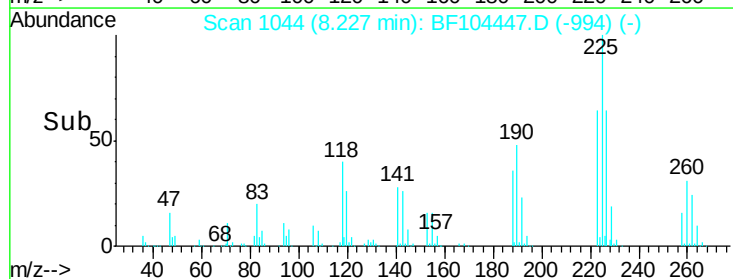
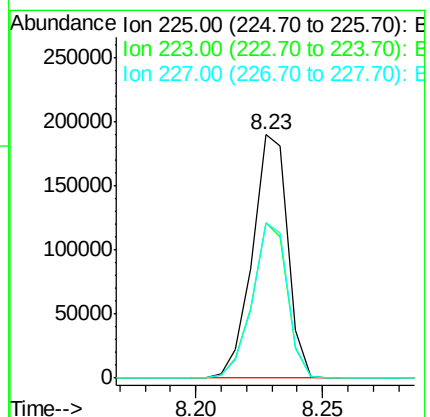
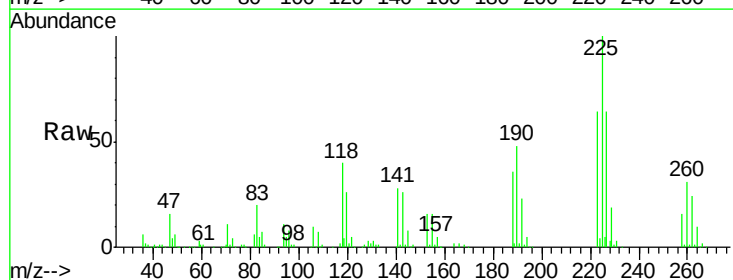
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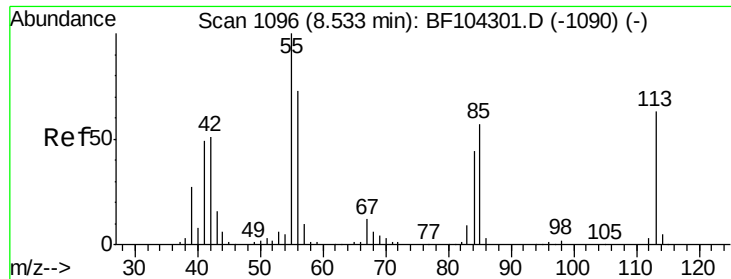
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#34
Hexachlorobutadiene
Concen: 39.797 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8		50.6	76.0	
227	63.6		51.9	77.9	





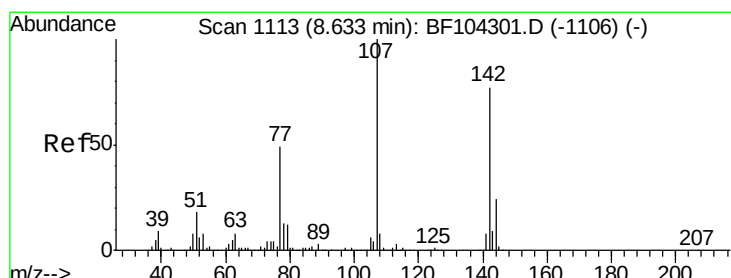
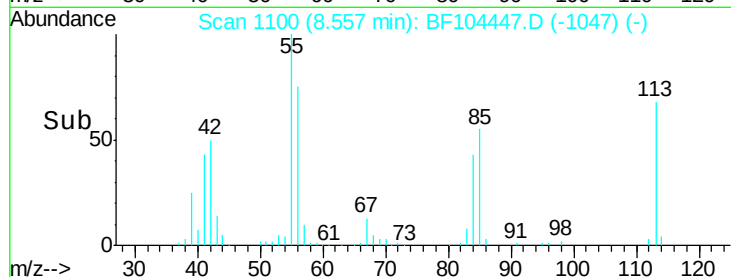
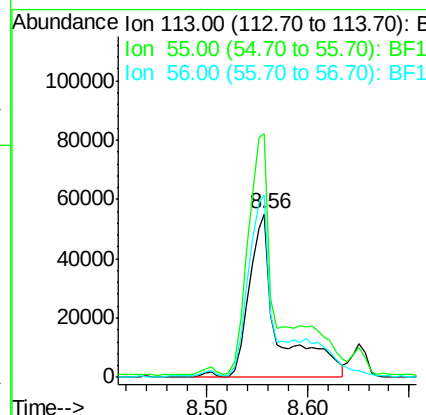
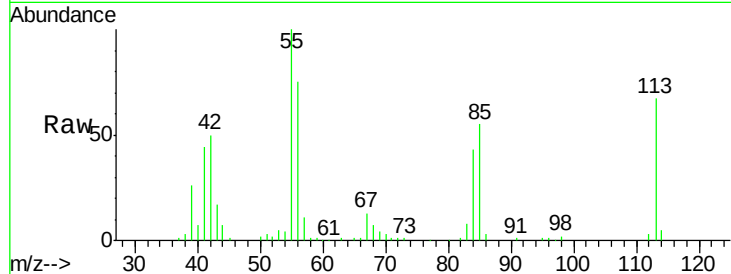
#35
 Caprolactam
 Concen: 41.342 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleID :
 PB108173BS

Tot Ion: 113 Resp: 110926
 Ion Ratio Lower Upper
 113 100
 55 148.9 163.3 203.3#
 56 111.5 115.7 155.7#

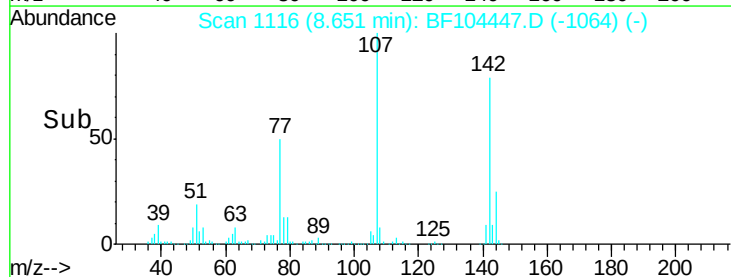
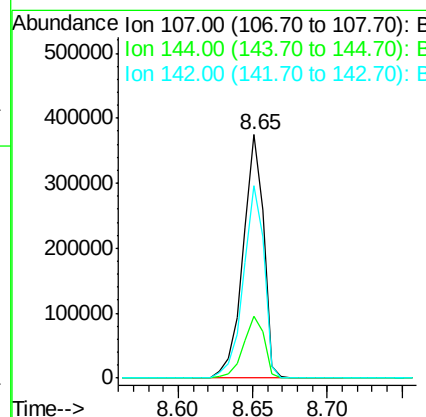
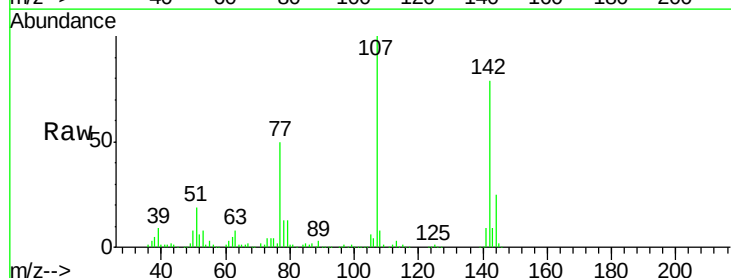
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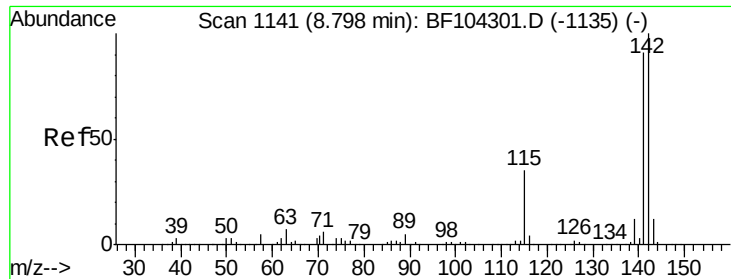
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#36
 4-Chloro-3-methylphenol
 Concen: 43.665 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion: 107 Resp: 360113
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 79.1 62.0 93.0





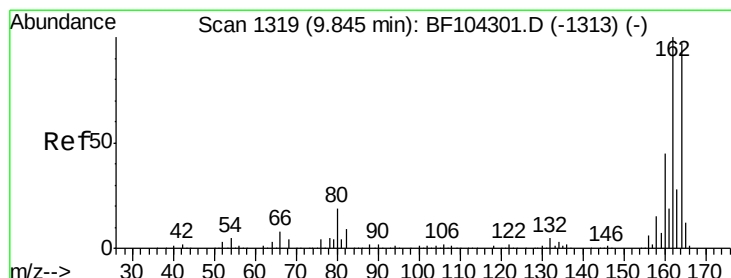
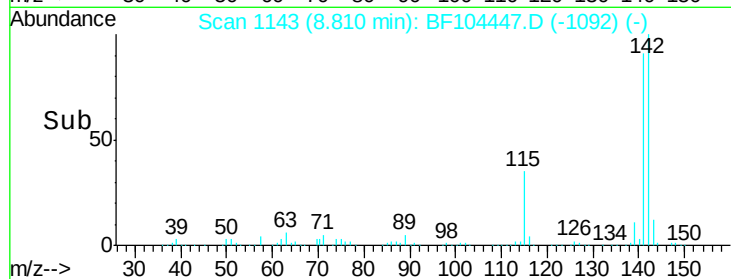
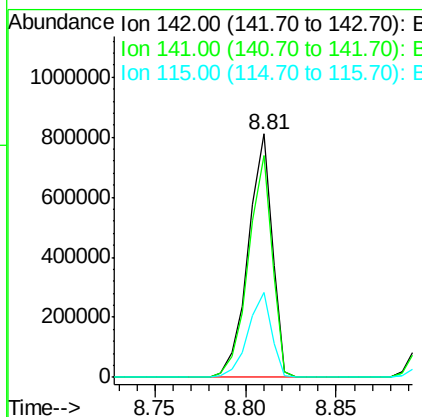
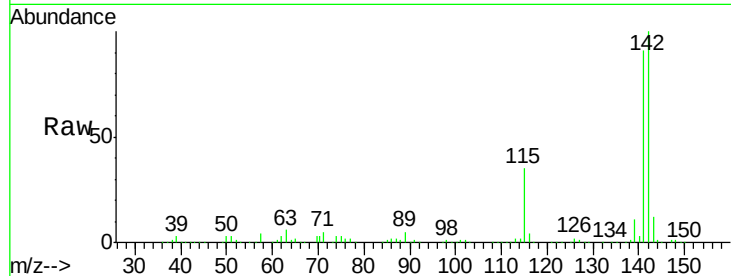
#37
2-Methylnaphthalene
Concen: 41.073 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampled :
PB108173BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.8	106.2
115	34.7	26.1	39.1

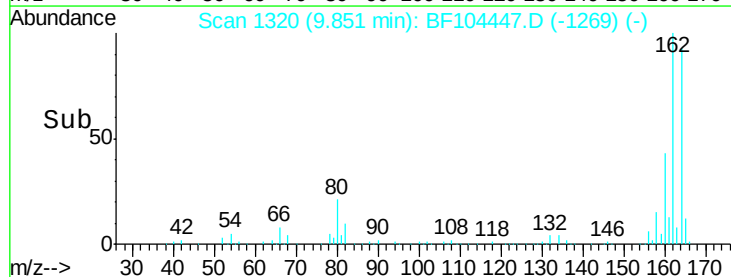
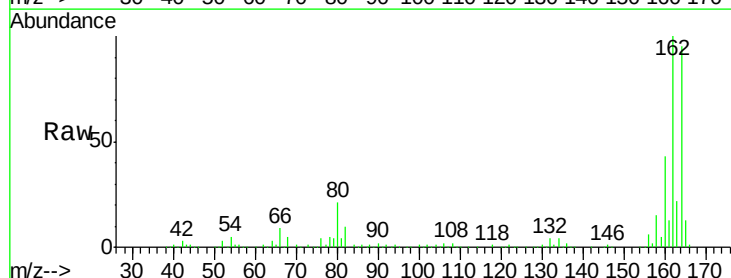
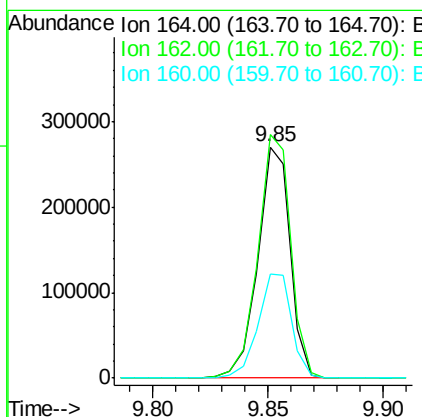
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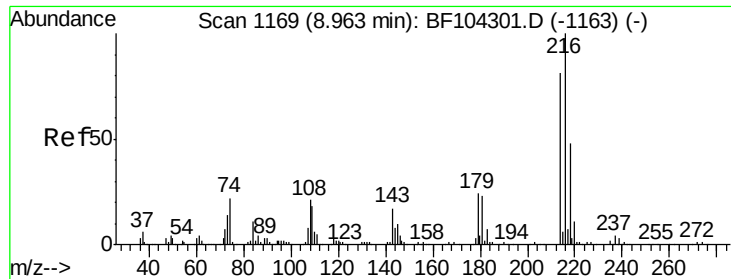
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	44.9	38.3	57.5





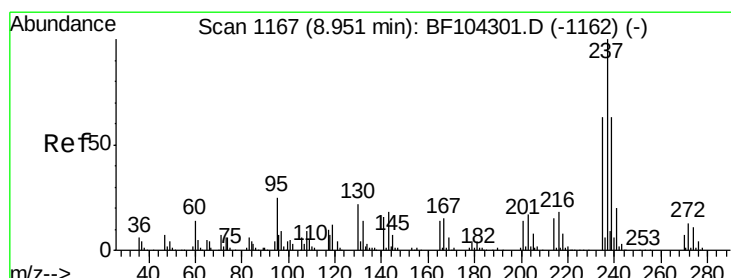
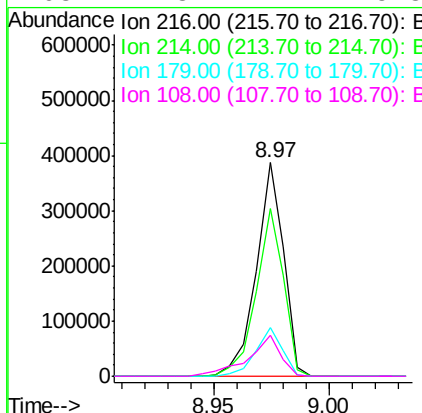
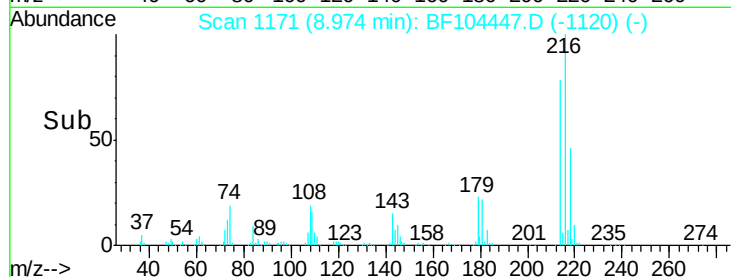
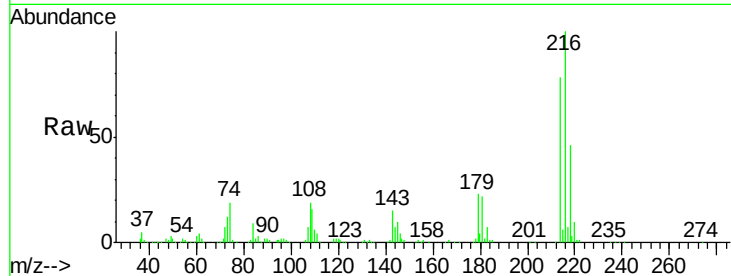
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.640 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108173BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		320837		
214	78.5		63.0	94.4	
179	22.5		18.1	27.1	
108	22.8		17.2	25.8	

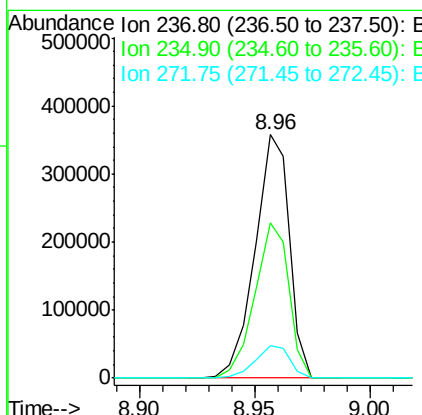
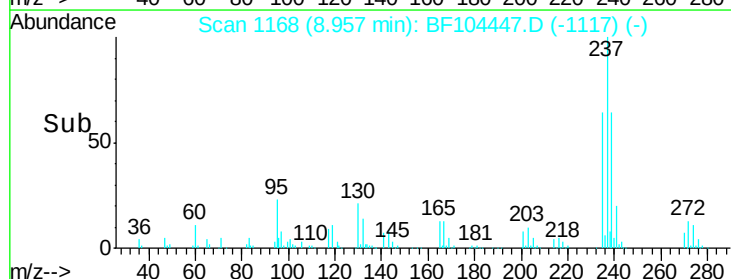
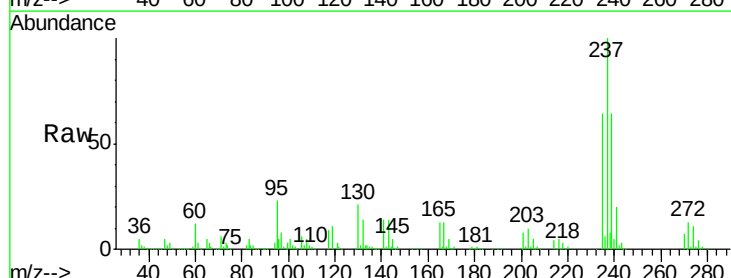
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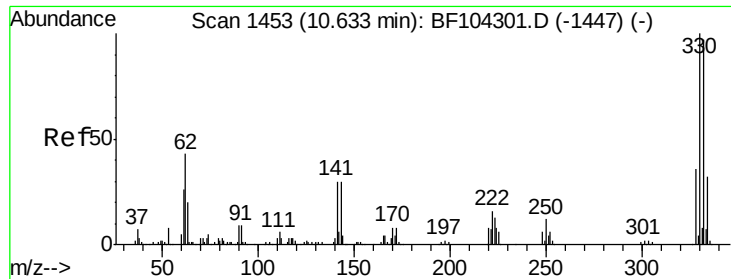
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#40
 Hexachlorocyclopentadiene
 Concen: 88.189 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		371486		
235	64.0		44.8	84.8	
272	13.3		0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 123.744 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

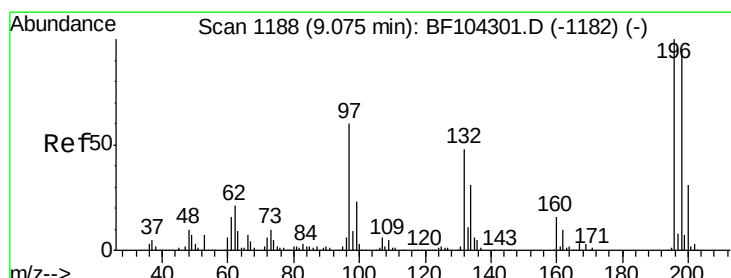
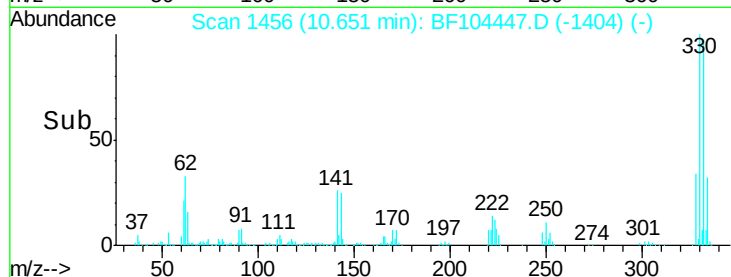
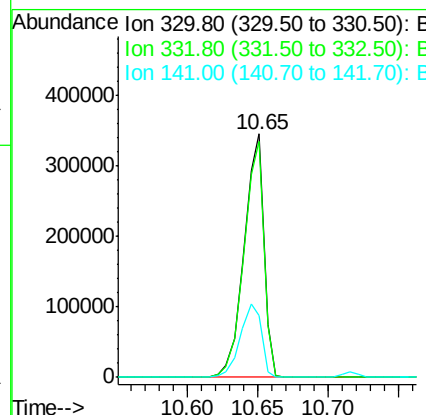
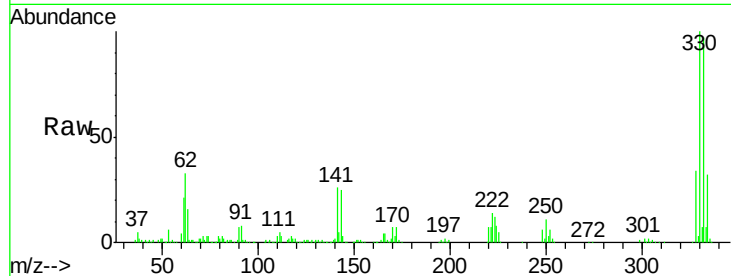
ClientSampleId :

PB108173BS

Tot Ion:	330	Resp:	337405
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	32.7	29.9	44.9

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#42

2,4,6-Trichlorophenol

Concen: 44.585 ng

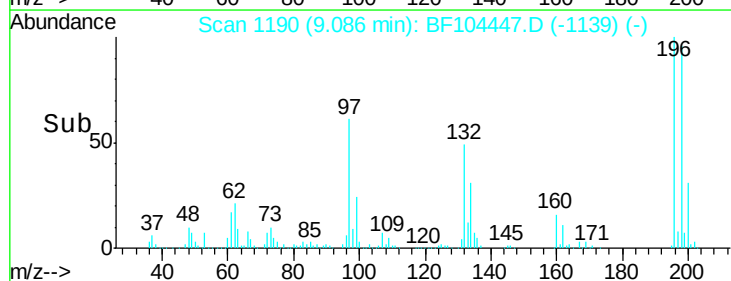
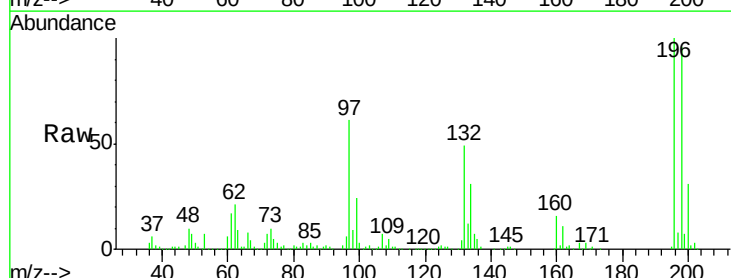
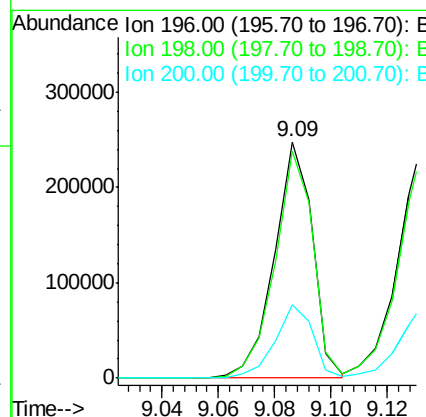
RT: 9.09 min Scan# 1190

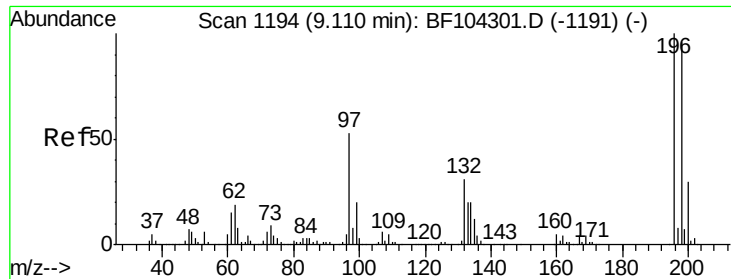
Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion:	196	Resp:	232882
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.7	113.5
200	30.8	24.5	36.7





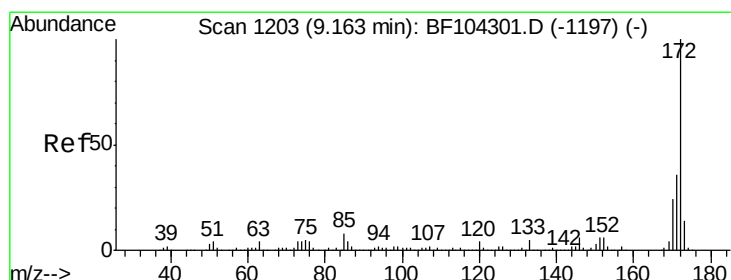
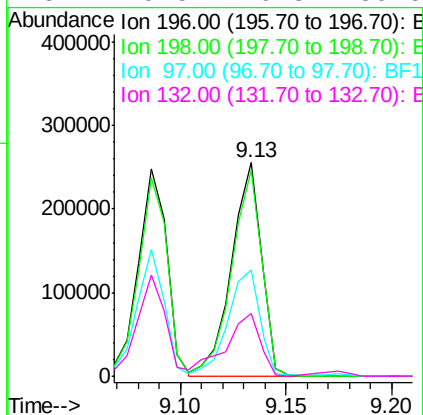
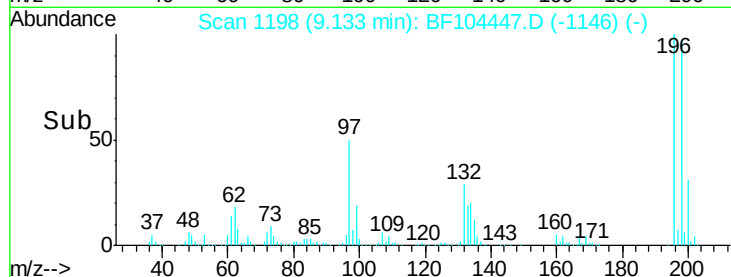
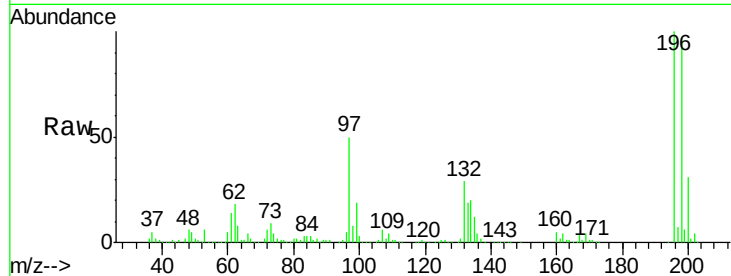
#43
 2,4,5-Trichlorophenol
 Concen: 42.867 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108173BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		250560		
198	96.6	74.6	112.0		
97	49.8	42.9	64.3		
132	29.5	26.3	39.5		

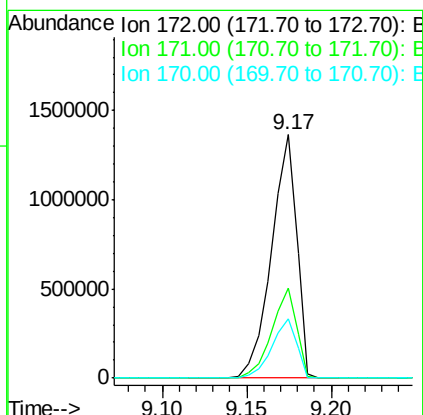
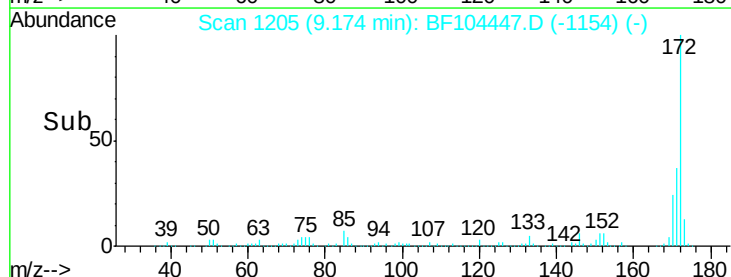
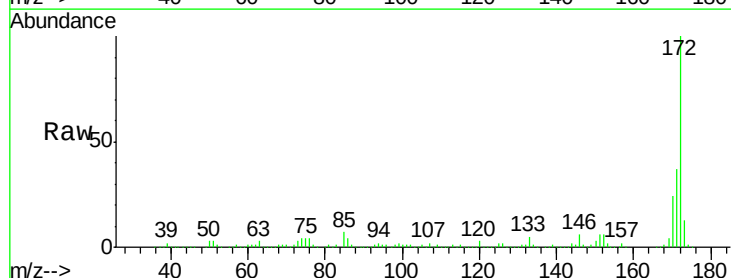
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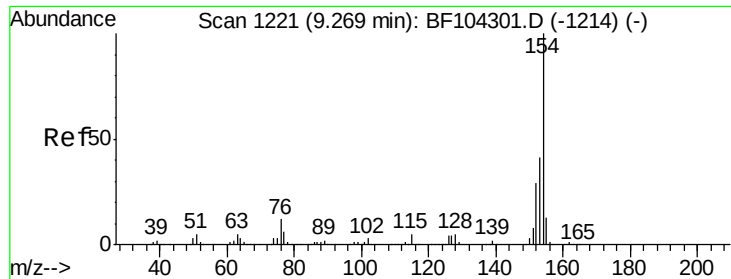
Sohil
 4/13/2018 4:43:52 PM



#44
 2-Fluorobiphenyl
 Concen: 84.850 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1411806		
171	36.8	29.7	44.5		
170	24.4	19.6	29.4		





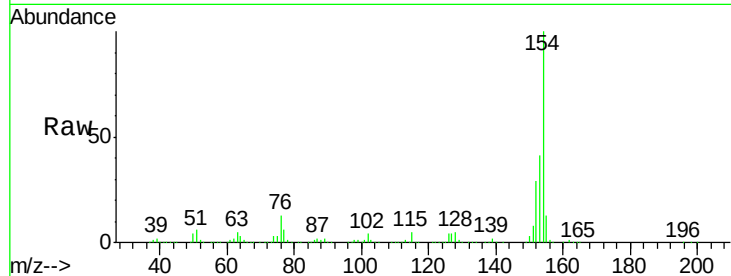
#45
1,1'-Biphenyl
Concen: 40.293 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampled :
PB108173BS

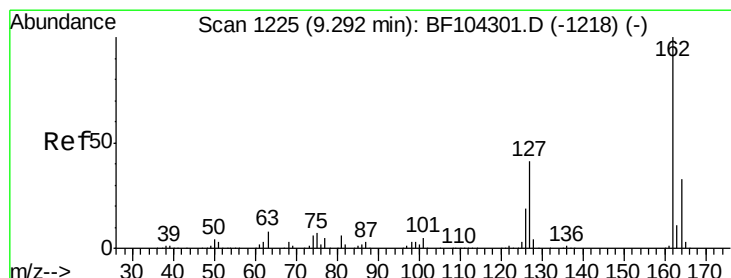
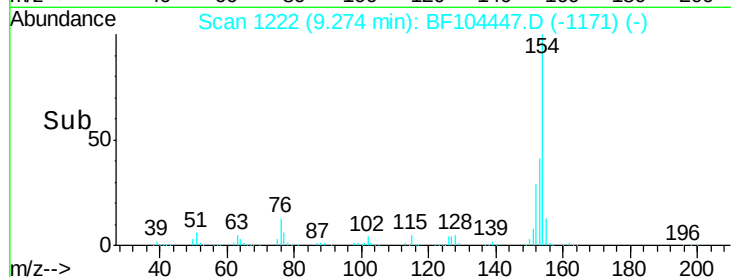
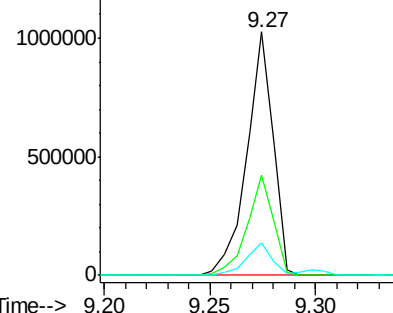
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	21.3	61.3	
76	13.4	0.0	34.0	

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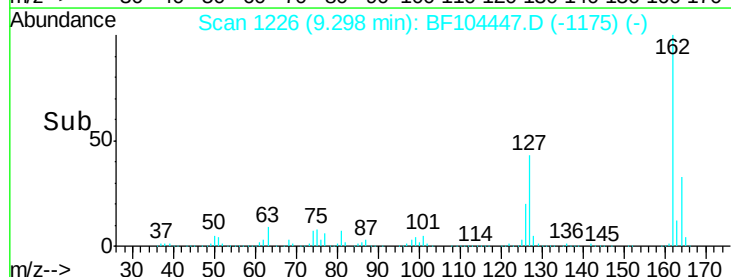
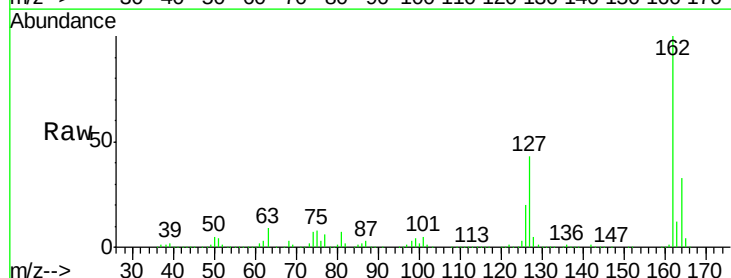
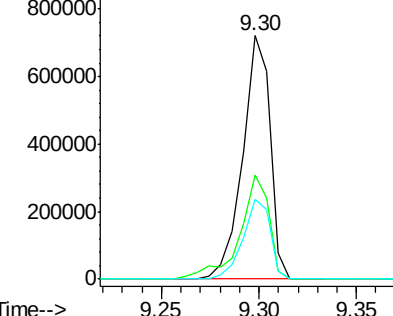
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

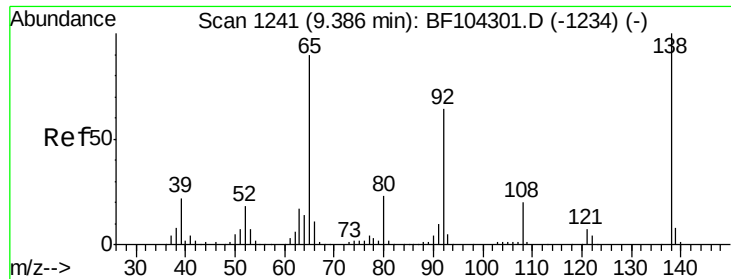


#46
2-Chloronaphthalene
Concen: 40.138 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.0	33.9	50.9	
164	32.7	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





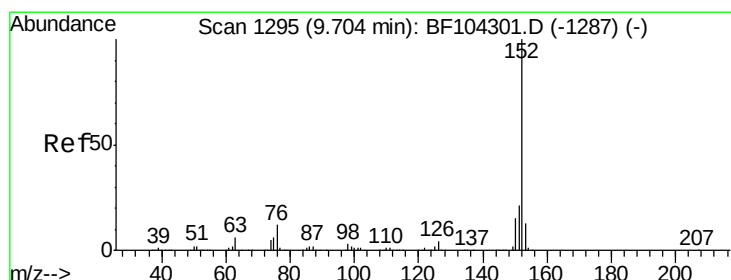
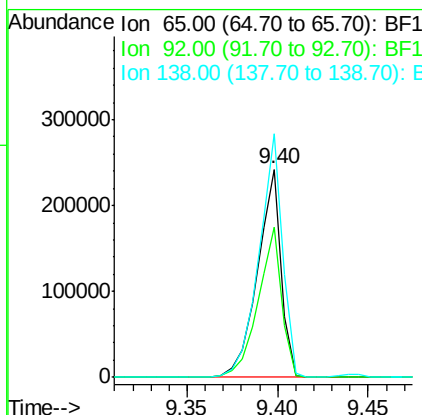
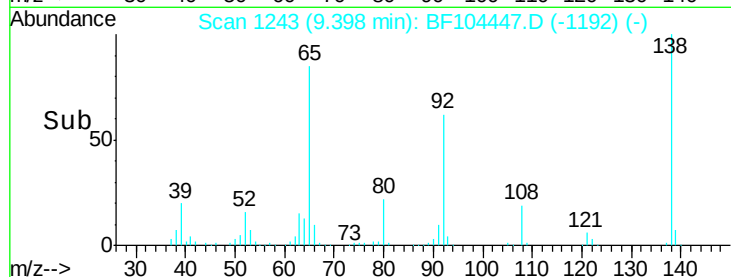
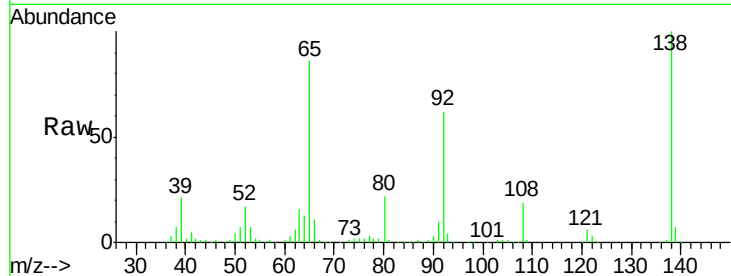
#47
2-Nitroaniline
Concen: 50.946 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.3	55.8	83.6
138	116.9	91.2	136.8

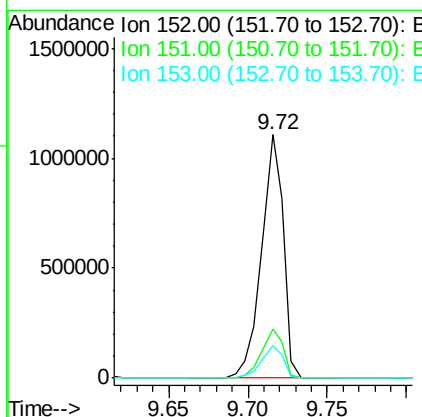
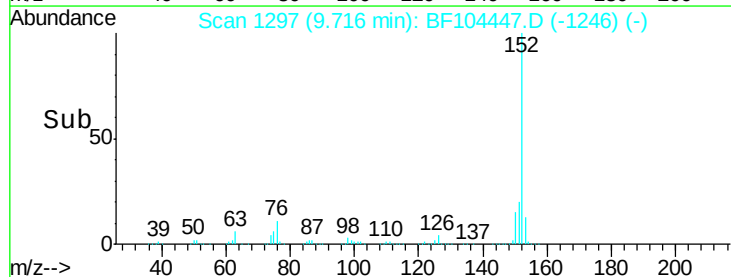
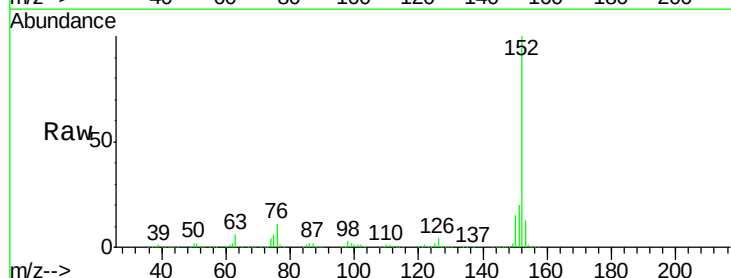
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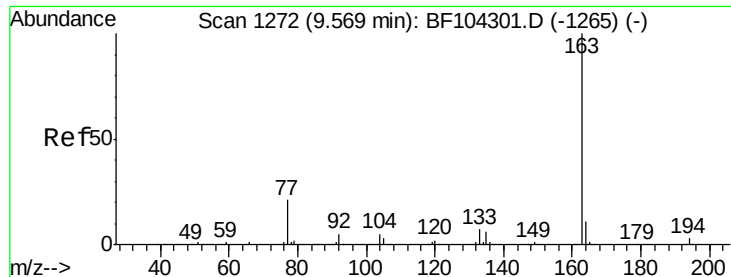
Sohil
4/13/2018 4:43:52 PM



#48
Acenaphthylene
Concen: 39.074 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.4	10.7	16.1





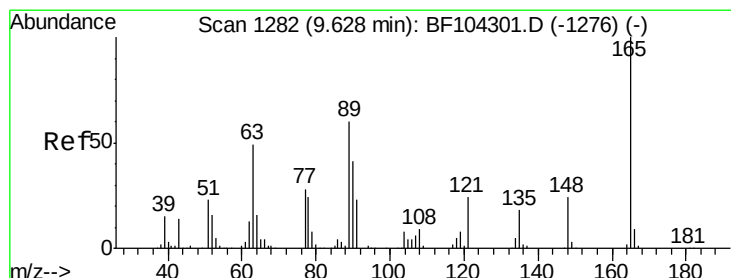
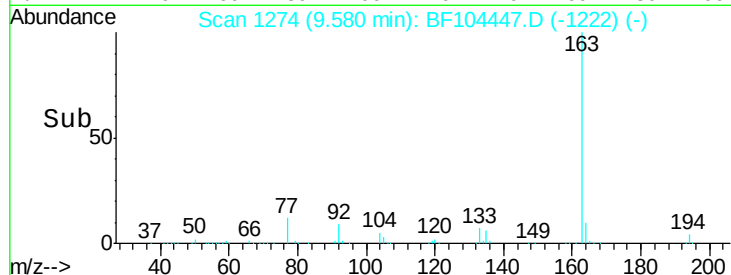
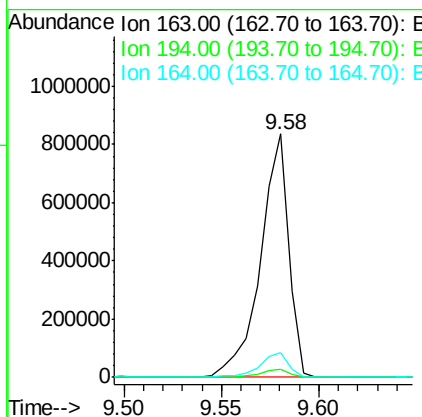
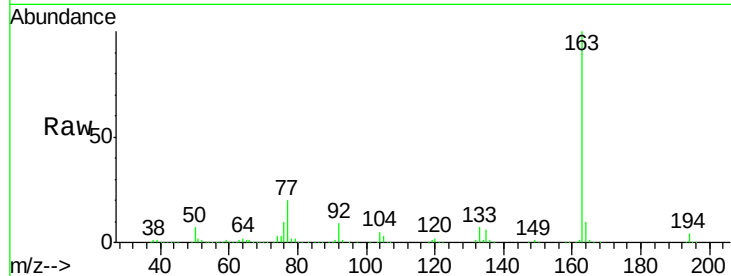
#49
Dimethylphthalate
Concen: 40.413 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampled :
PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	837683		
194	3.6		2.7	4.1
164	10.0		8.2	12.2

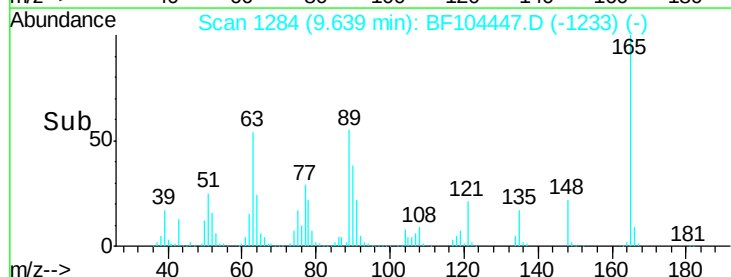
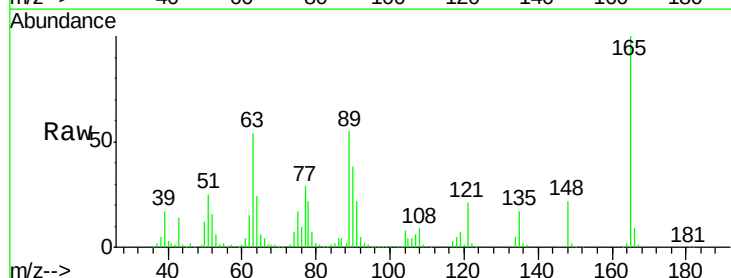
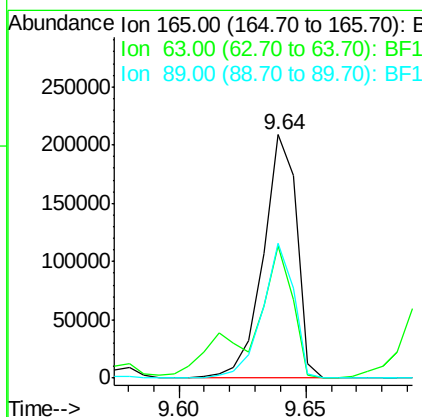
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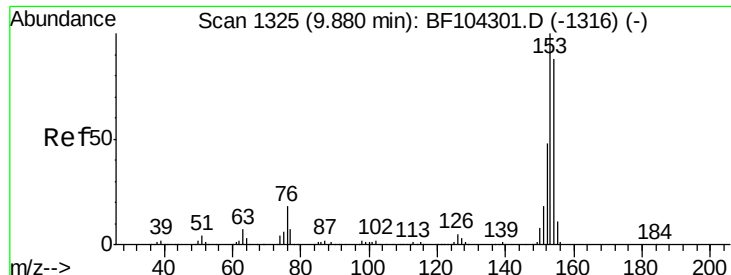
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.362 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	193161		
63	54.4		44.7	67.1
89	55.2		44.0	66.0





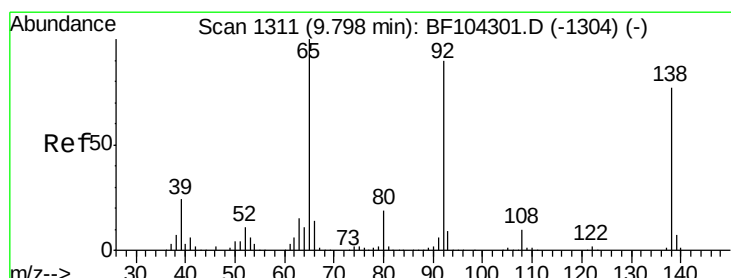
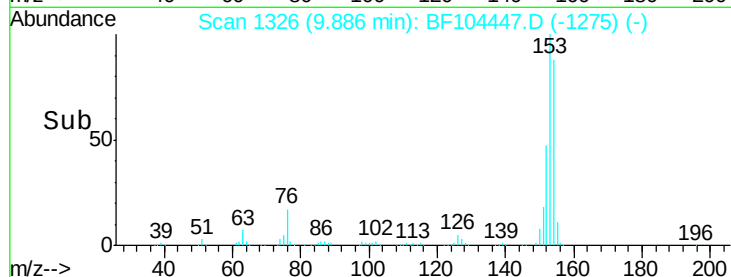
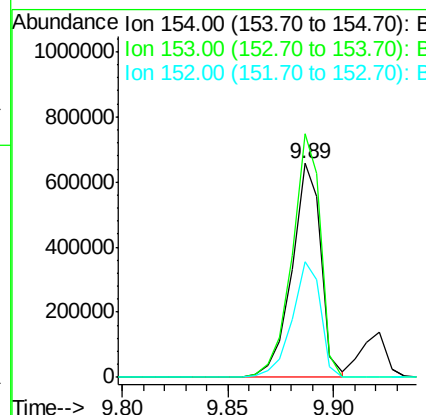
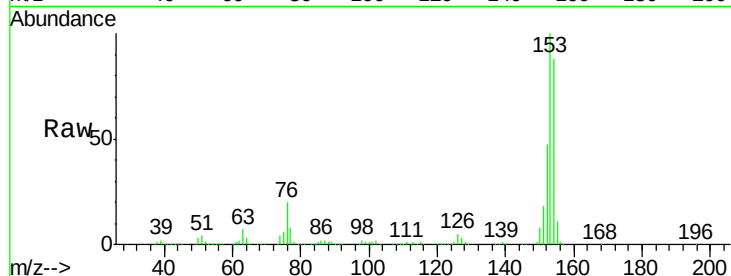
#51
Acenaphthene
Concen: 37.679 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	54.0	43.8	65.8

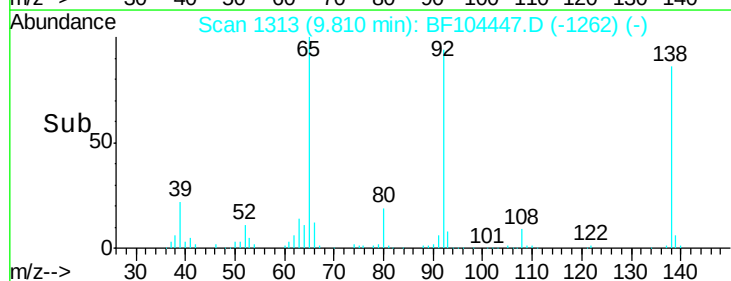
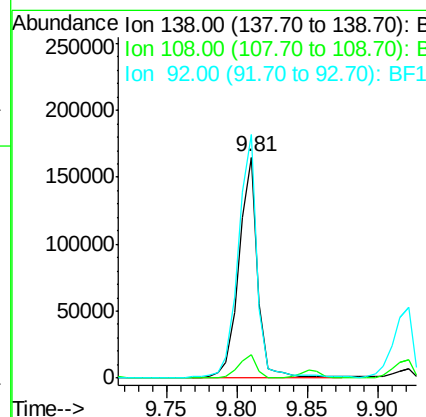
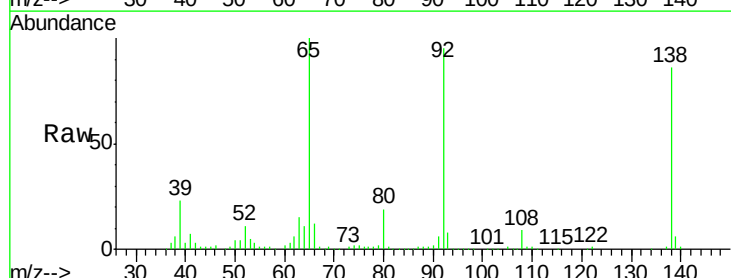
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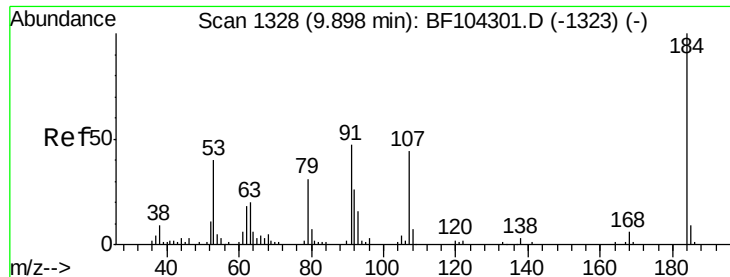
Sohil
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#52
3-Nitroaniline
Concen: 33.930 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	110.1	89.4	134.2





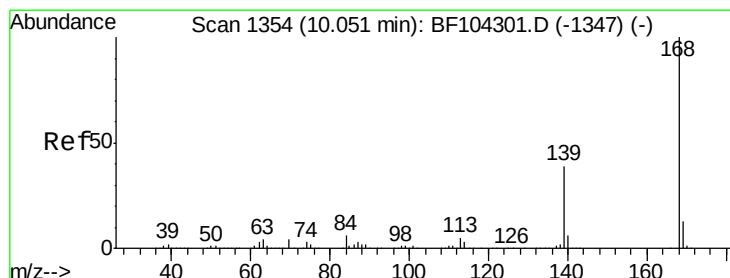
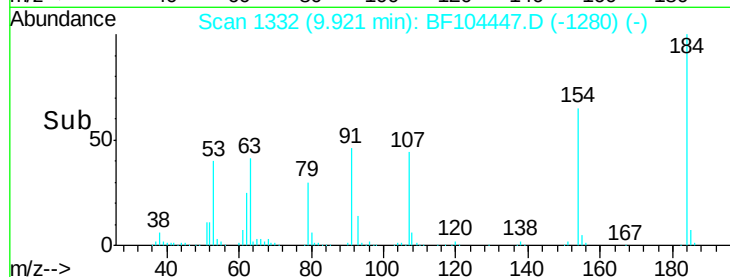
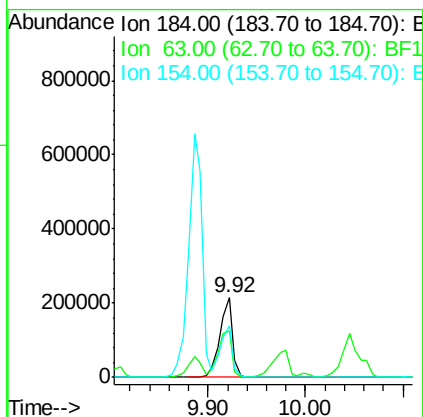
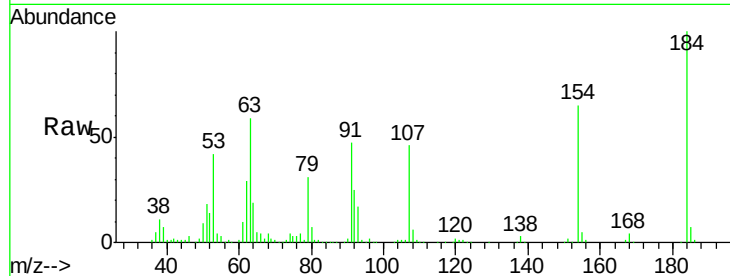
#53
 2,4-Dinitrophenol
 Concen: 106.325 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	194998		
63	58.8	54.2	81.2	
154	65.0	184.0	276.0	

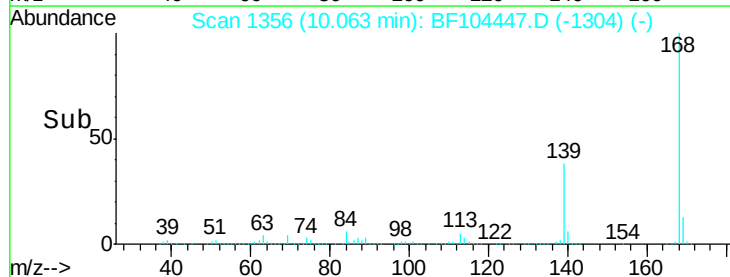
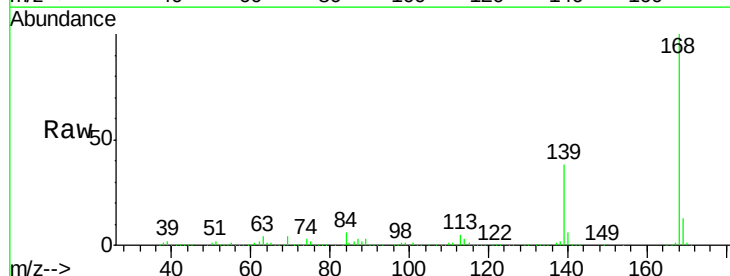
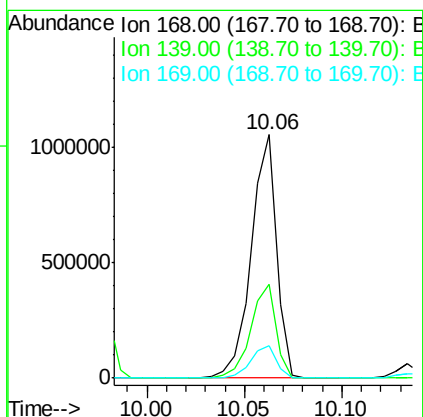
Manual Integrations
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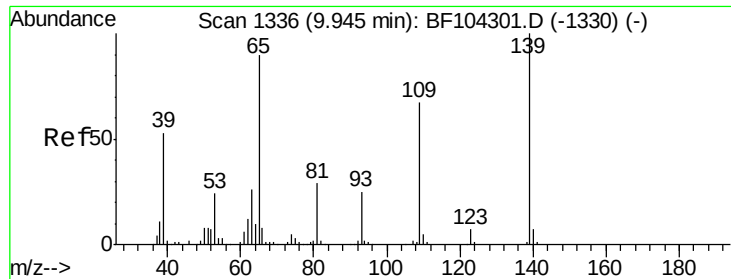
Sohil
 4/13/2018 4:43:52 PM



#54
 Dibenzofuran
 Concen: 40.766 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	948561		
139	38.4	30.1	45.1	
169	13.4	10.9	16.3	





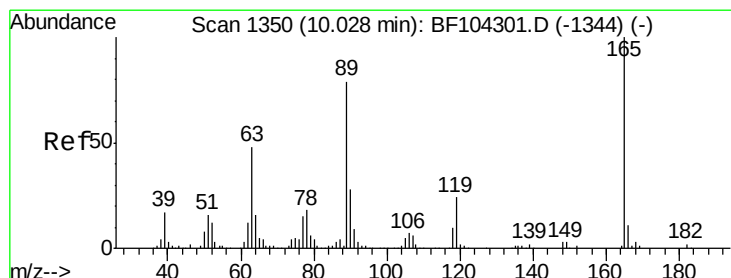
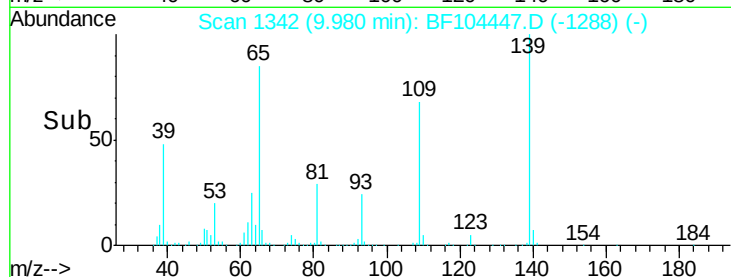
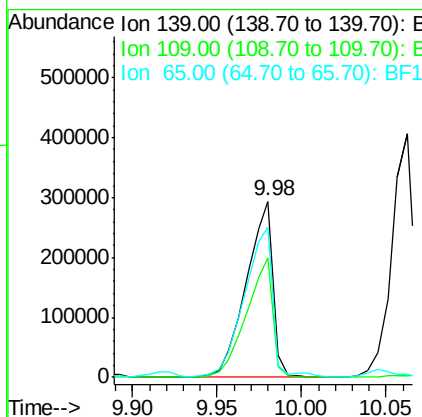
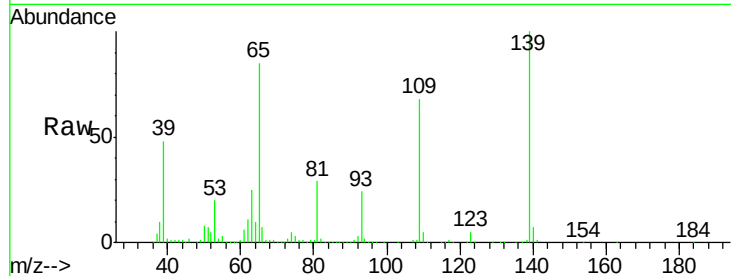
#55
4-Nitrophenol
Concen: 92.479 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.9	48.4	88.4	
65	84.8	72.6	112.6	

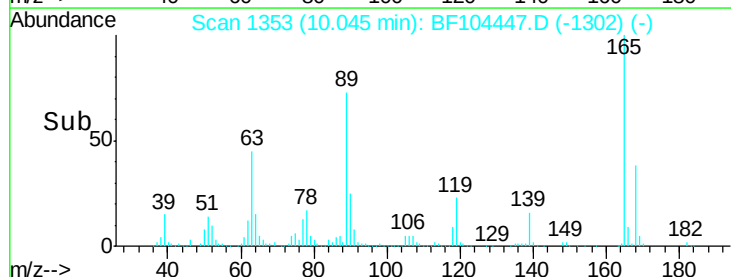
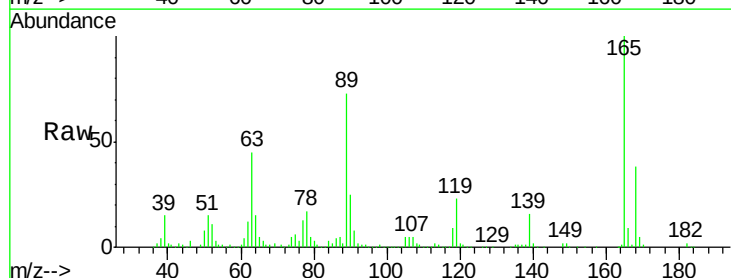
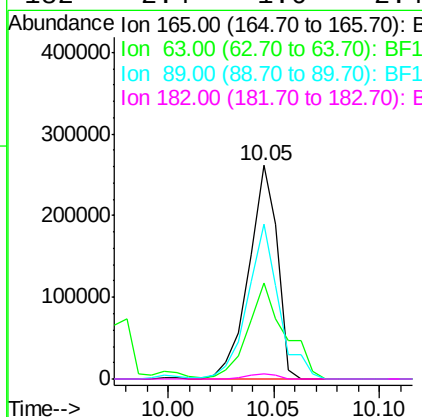
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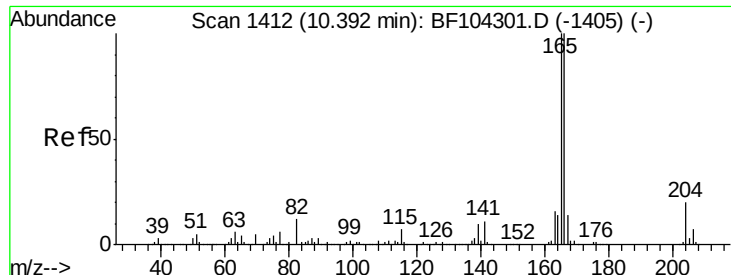
Sohil
4/13/2018 4:43:52 PM



#56
2,4-Dinitrotoluene
Concen: 48.821 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.7	36.4	54.6	
89	72.7	57.8	86.6	
182	2.4	1.6	2.4	#





#57

Fluorene

Concen: 41.979 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

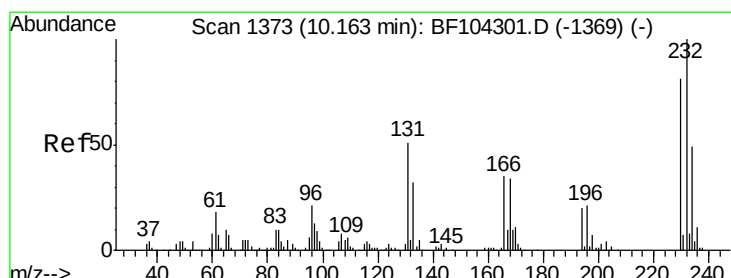
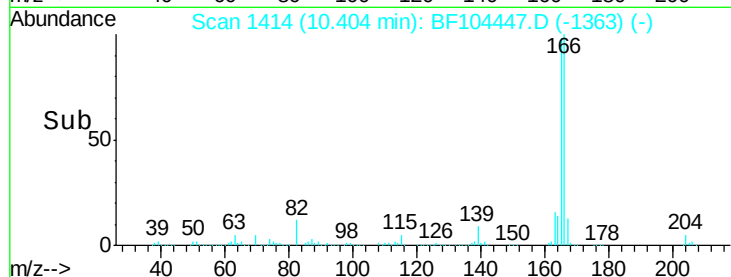
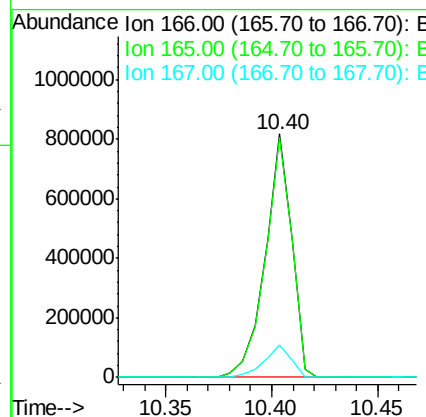
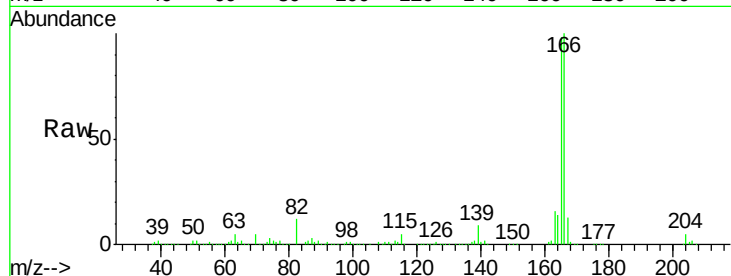
ClientSampled :

PB108173BS

Tot Ion:	166	Resp:	710974
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.924 ng

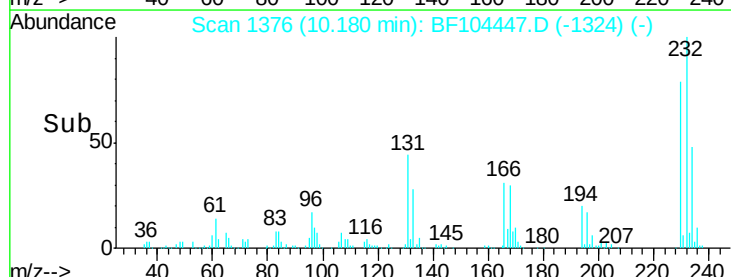
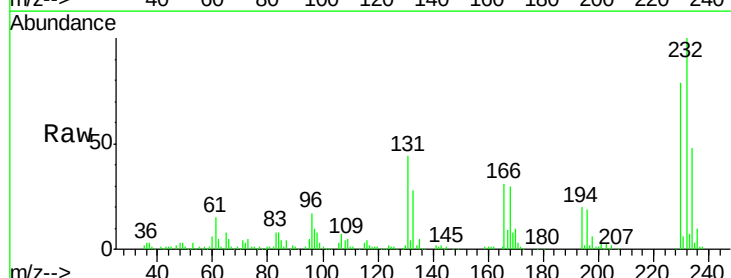
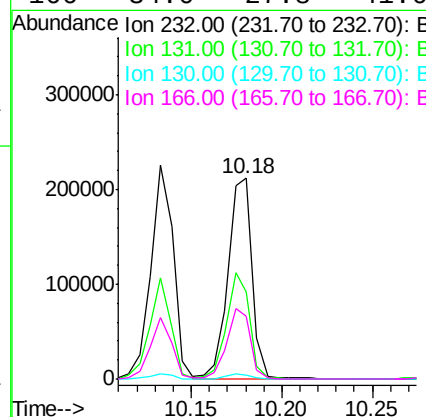
RT: 10.18 min Scan# 1376

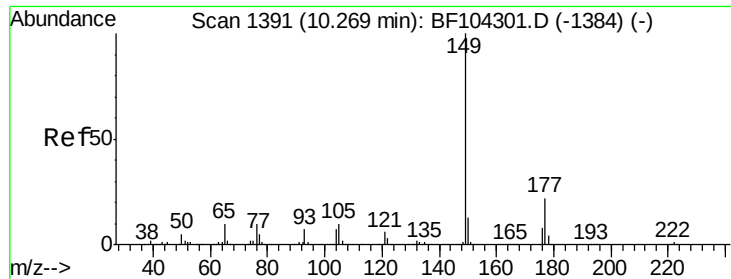
Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion:	232	Resp:	195897
Ion Ratio	Lower	Upper	
232	100		
131	50.2	43.8	65.8
130	2.6	2.1	3.1
166	34.0	27.8	41.6





#59

Diethylphthalate

Concen: 39.648 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

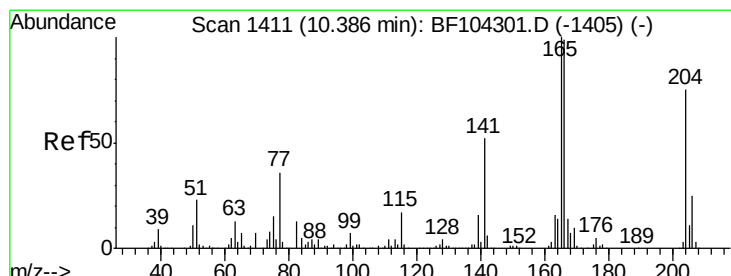
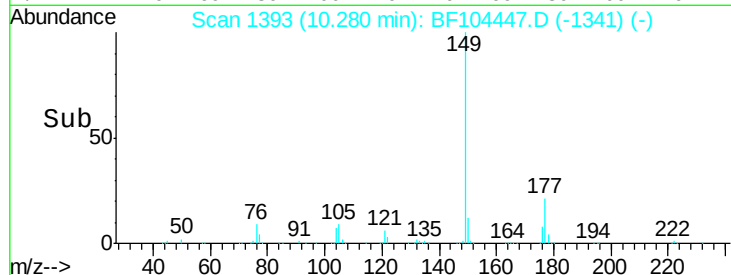
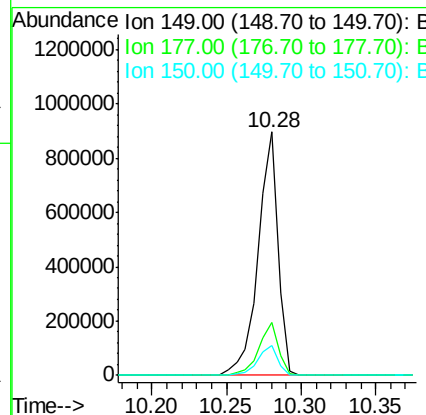
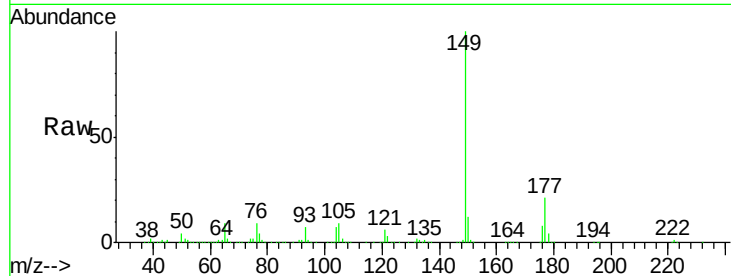
ClientSampleId :

PB108173BS

Tot Ion:	149	Resp:	818473
Ion Ratio	Lower	Upper	
149	100		
177	21.5	16.1	24.1
150	12.3	10.1	15.1

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4/13/2018 4:43:52 PM



#60

4-Chlorophenyl-phenylether

Concen: 43.966 ng

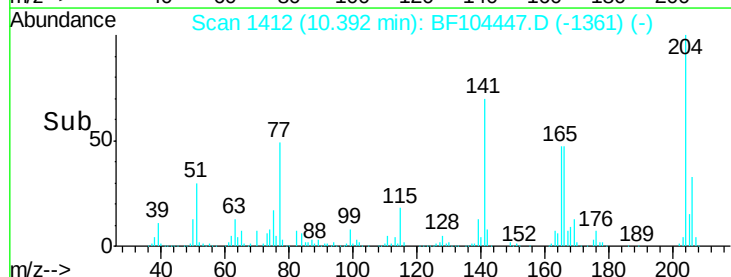
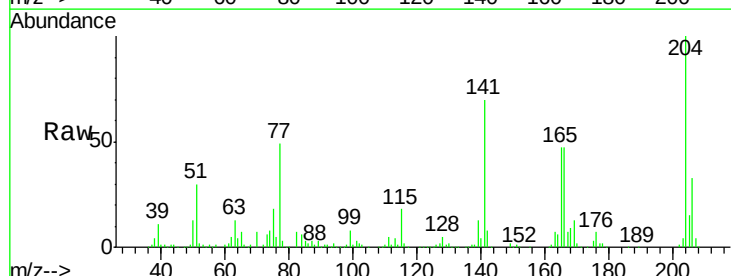
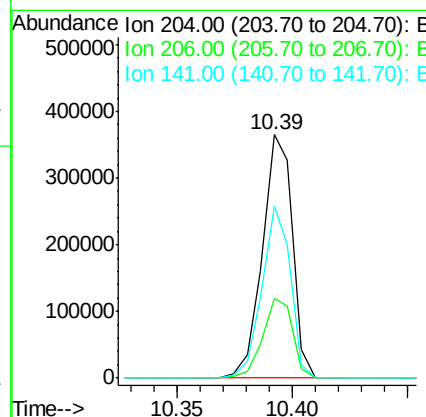
RT: 10.39 min Scan# 1412

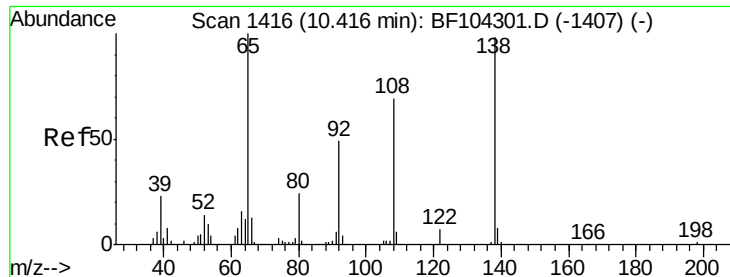
Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion:	204	Resp:	331614
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	70.4	54.6	81.8





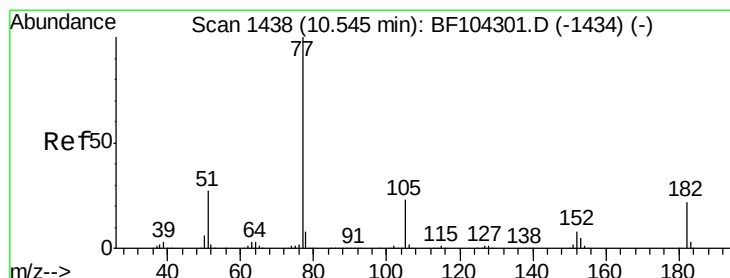
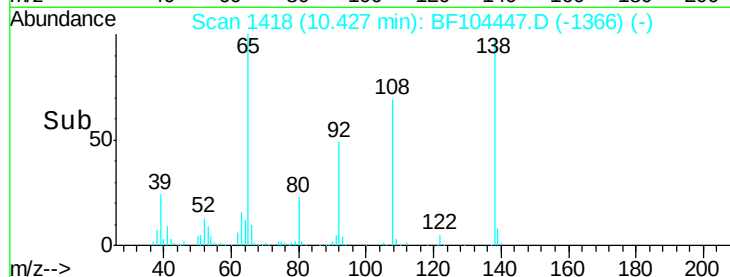
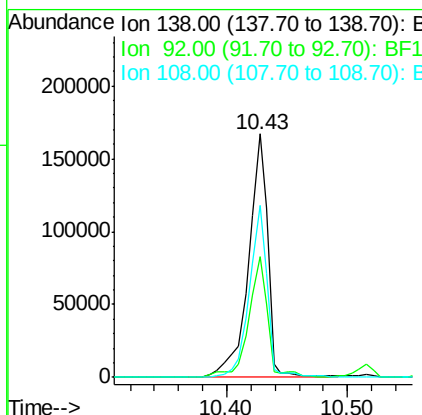
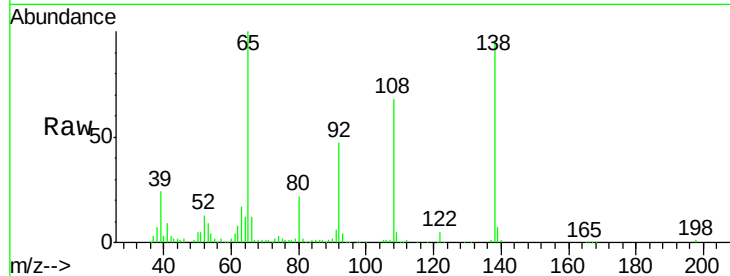
#61
4-Nitroaniline
Concen: 42.567 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	186886		
92	49.7	30.2	70.2	
108	70.9	52.5	92.5	

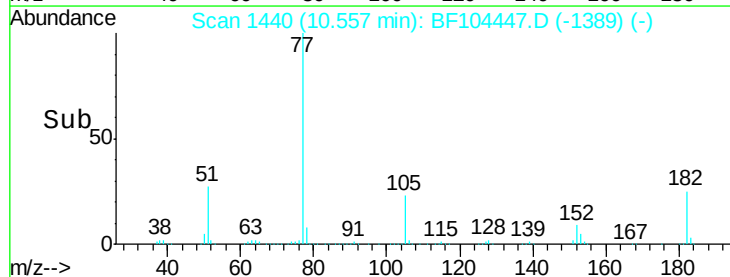
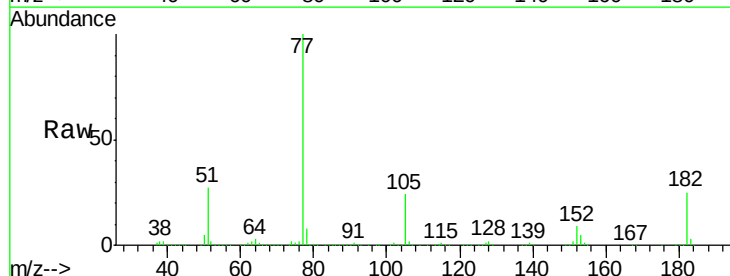
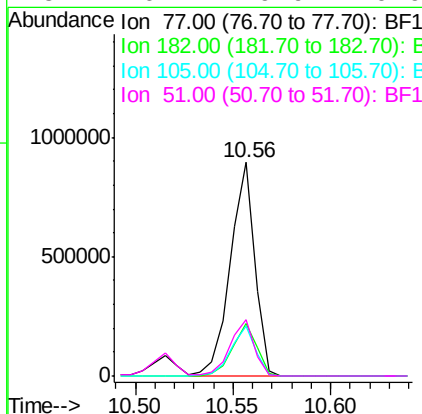
Manual Integrations
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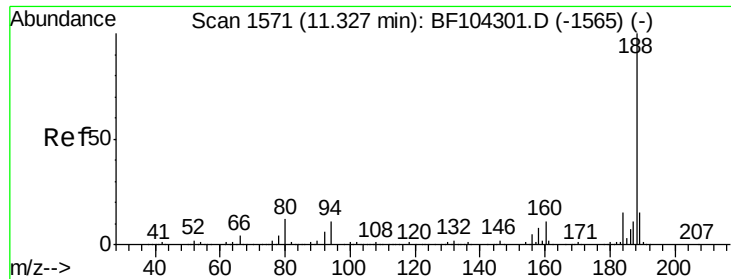
Sohil
4/13/2018 4:43:52 PM



#62
Azobenzene
Concen: 39.276 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	774631		
182	24.6	1.7	41.7	
105	23.6	3.0	43.0	
51	26.7	9.9	49.9	





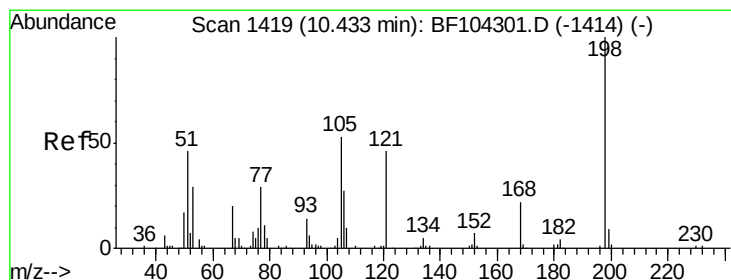
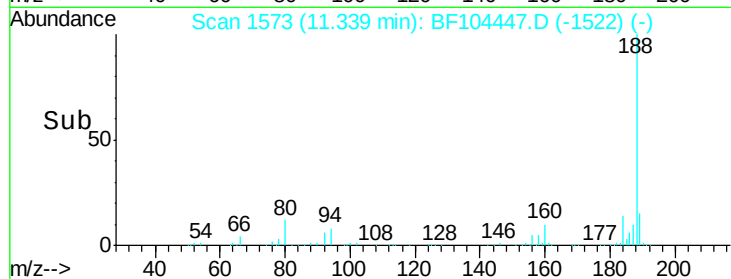
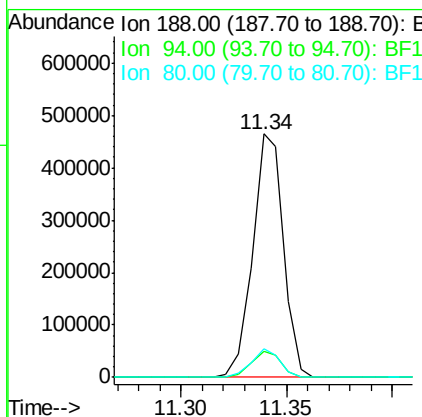
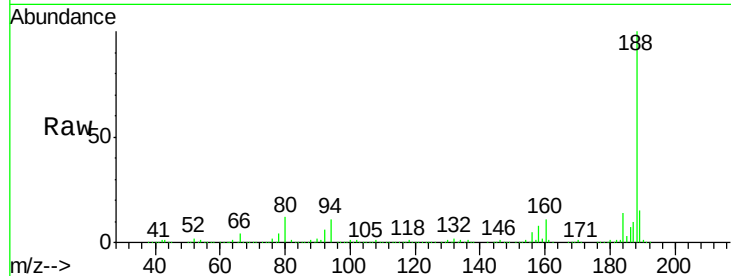
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	468900		
94	10.7		8.5	12.7
80	11.9		9.2	13.8

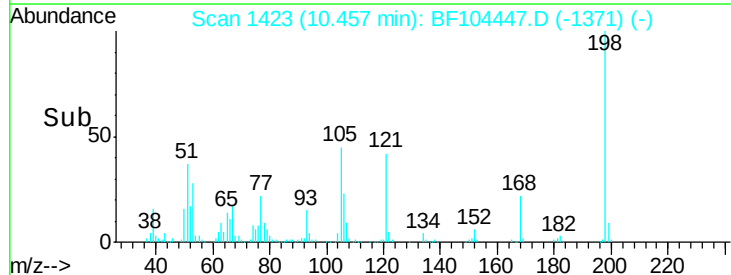
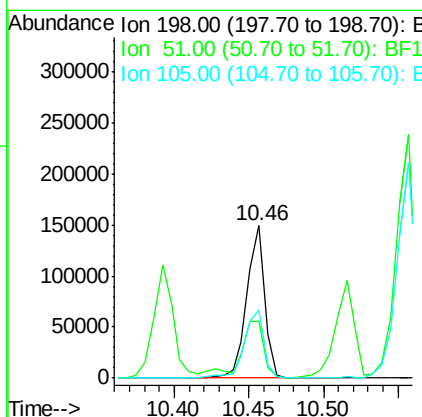
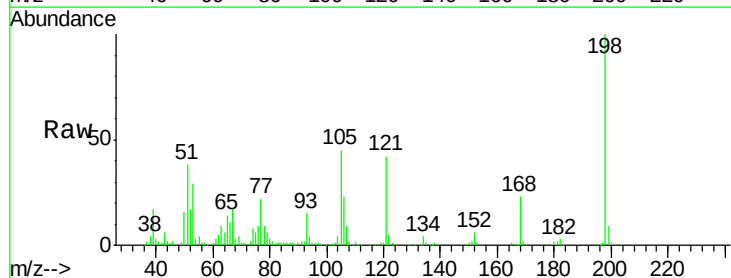
Manual Integrations
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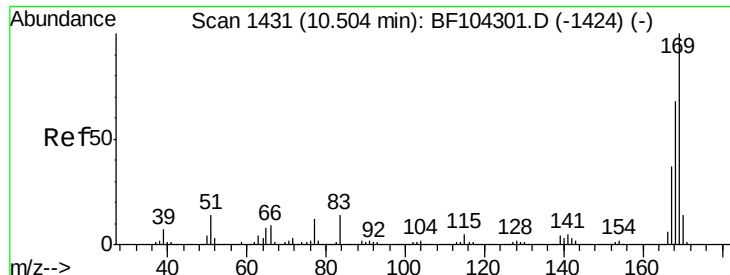
Sohil
4/13/2018 4:43:52 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 53.363 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	124075		
51	37.7		37.7	77.7#
105	44.7		36.3	76.3





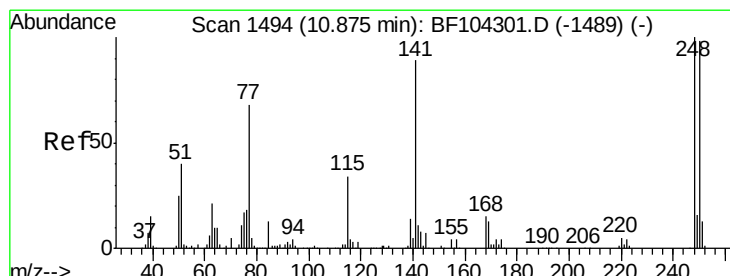
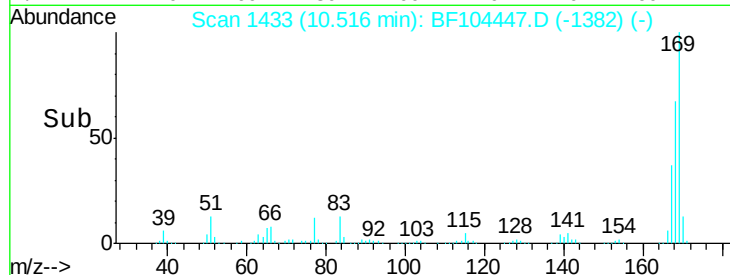
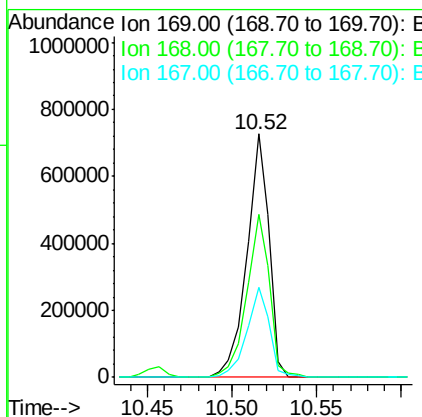
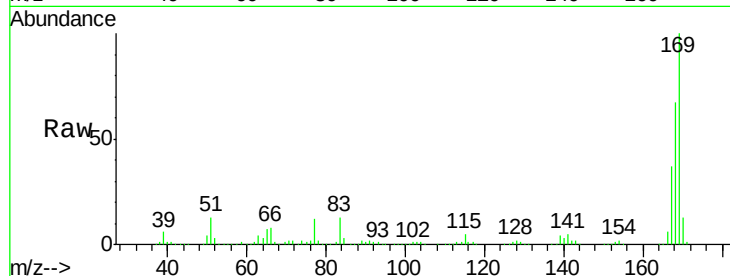
#65
 n-Nitrosodiphenylamine
 Concen: 41.102 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	668232		
168	66.7	54.4	81.6	
167	36.9	29.8	44.6	

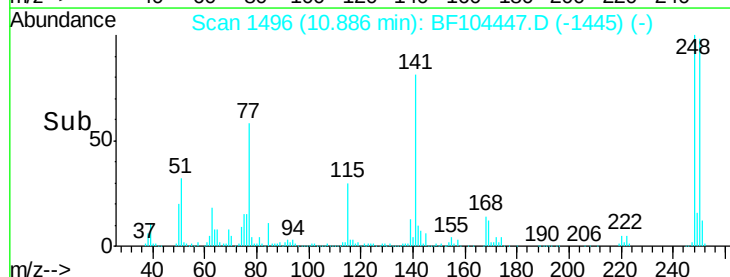
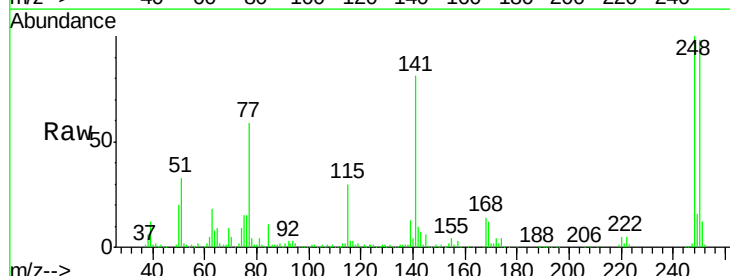
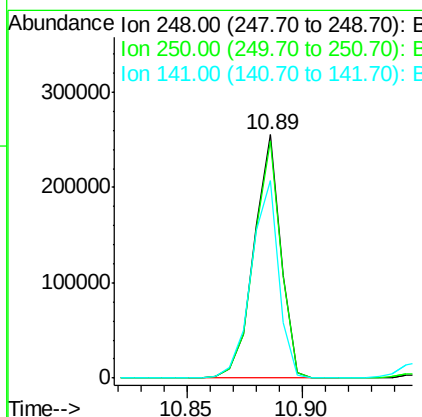
Manual Integrations
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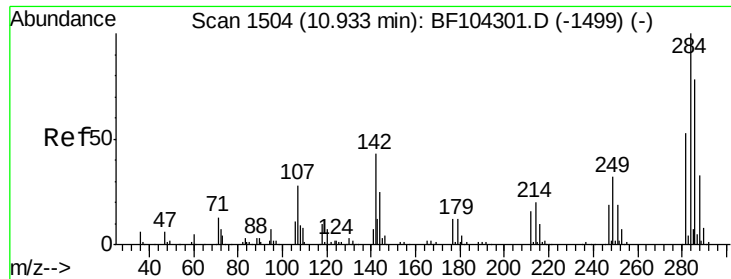
Sohil
 4/13/2018 4:43:52 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.622 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	207593		
250	97.6	76.9	115.3	
141	81.1	74.4	111.6	





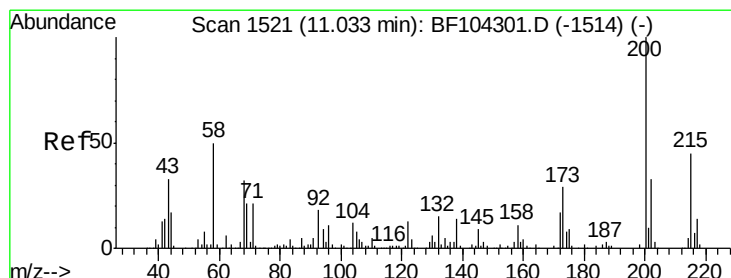
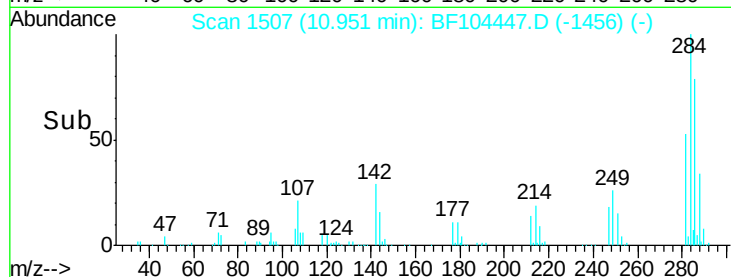
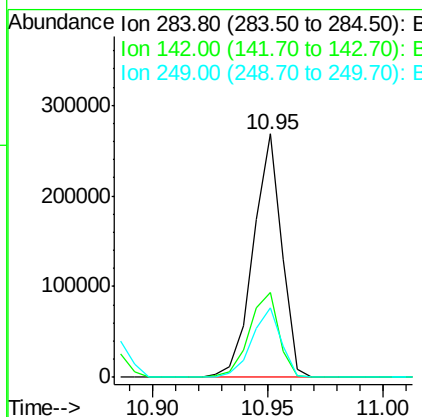
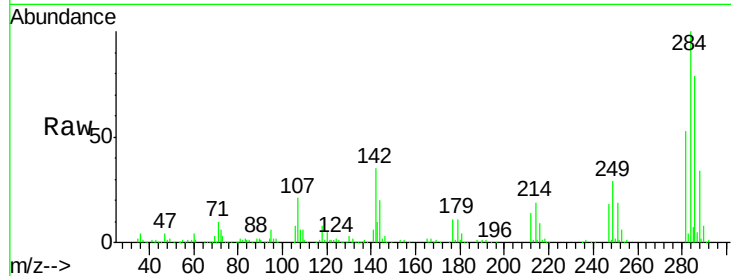
#67
Hexachlorobenzene
Concen: 41.141 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	230885		
142	35.0		34.6	52.0
249	28.7		24.8	37.2

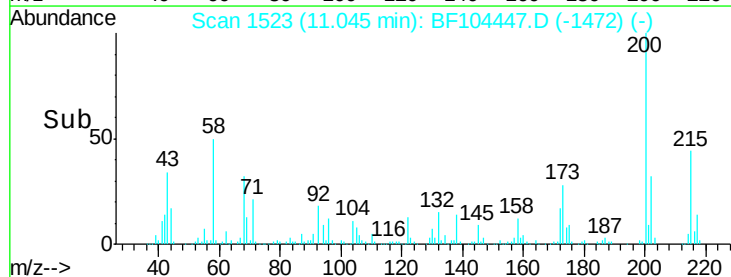
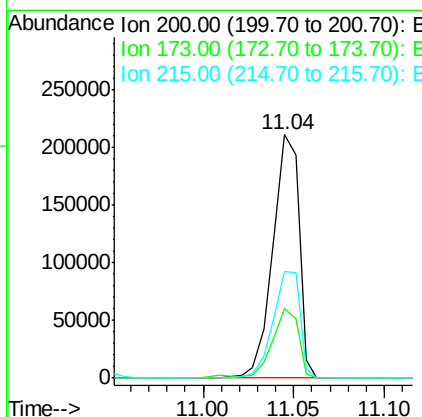
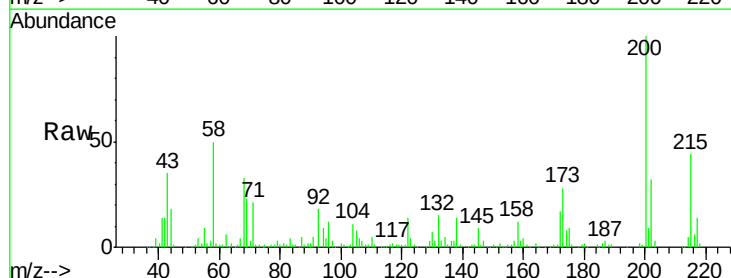
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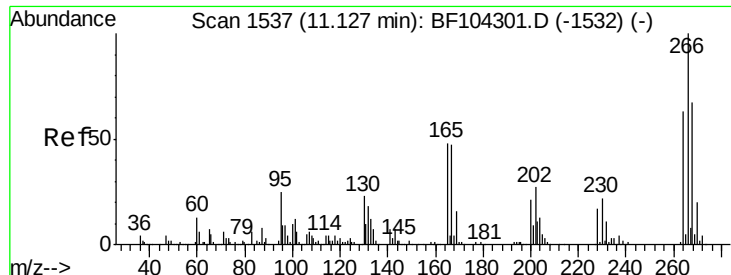
Sohil
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#68
Atrazine
Concen: 43.264 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	212314		
173	28.4		8.6	48.6
215	43.9		25.1	65.1





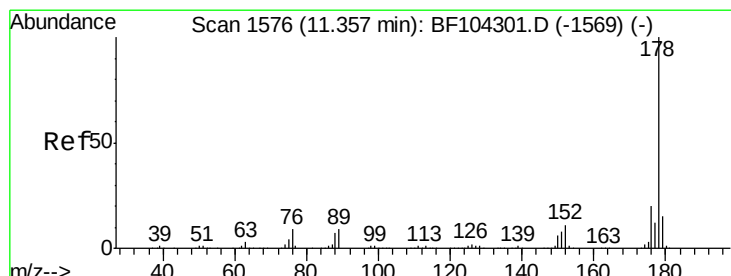
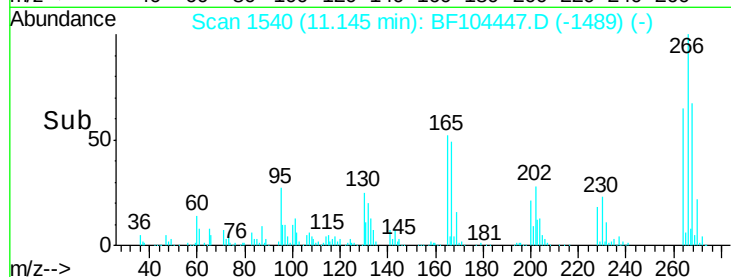
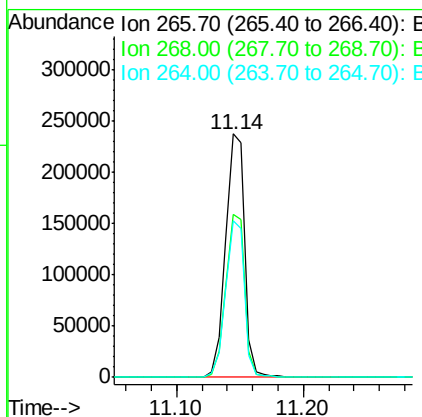
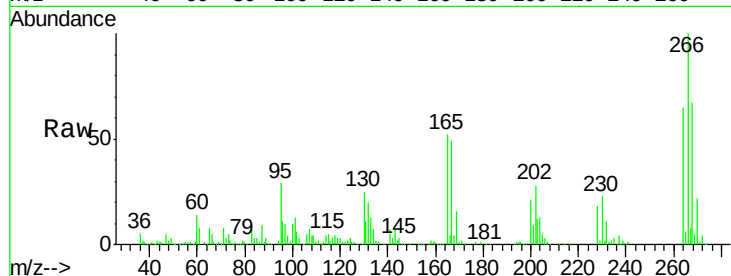
#69
 Pentachlorophenol
 Concen: 70.978 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108173BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.1	76.7
264	64.5	49.5	74.3

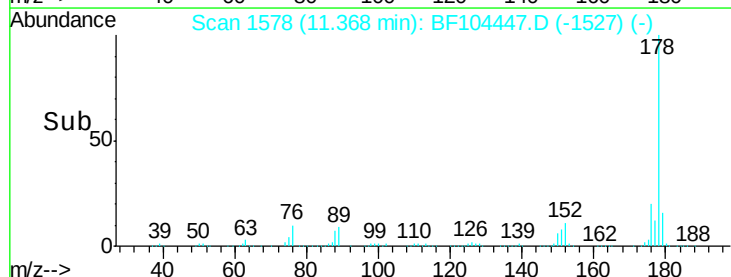
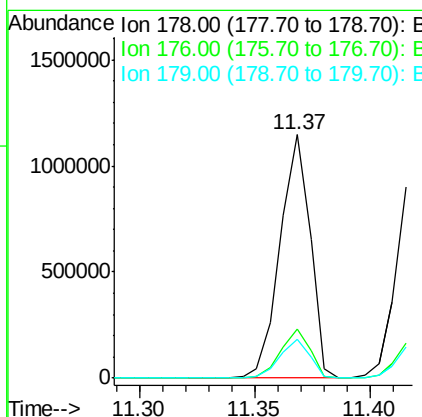
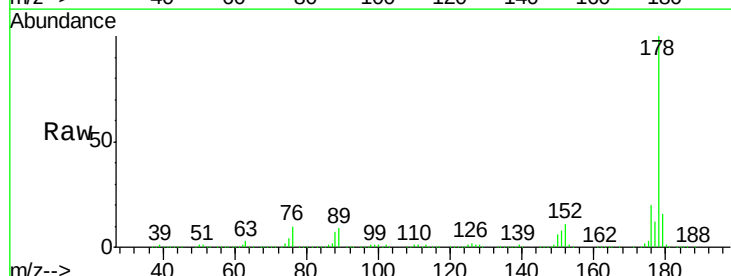
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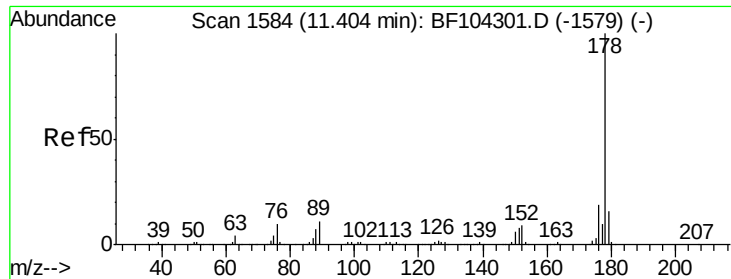
Sohil
 4/13/2018 4:43:52 PM



#70
 Phenanthrene
 Concen: 39.584 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.7	13.0	19.6





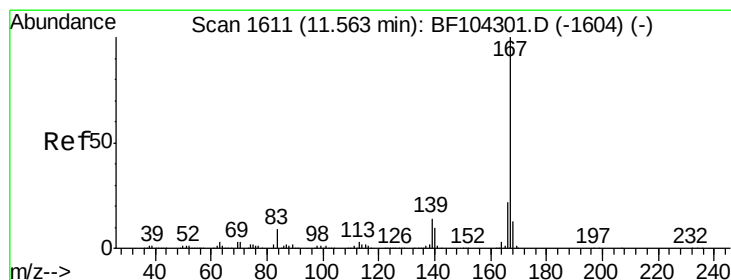
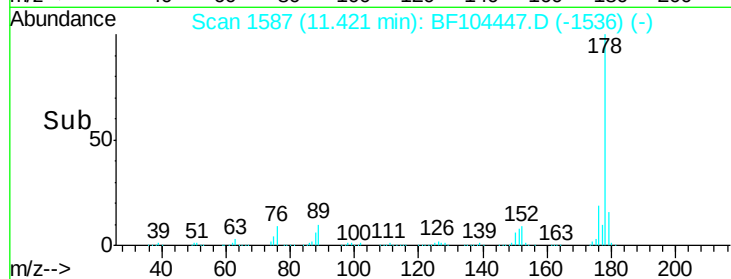
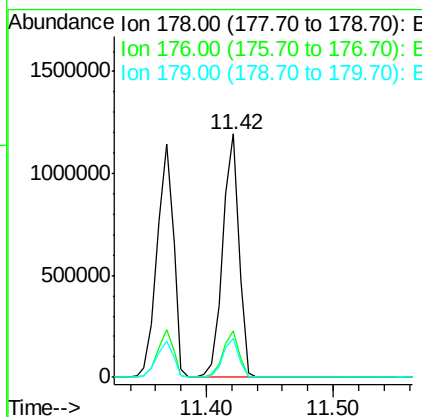
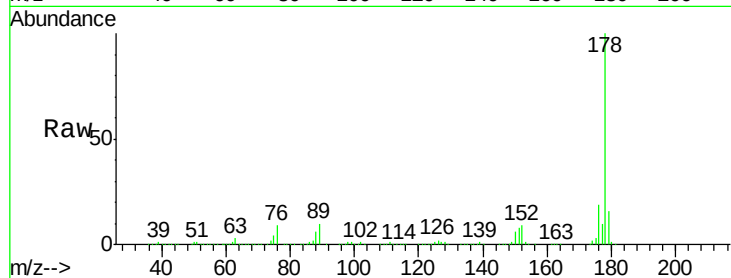
#71
 Anthracene
 Concen: 40.327 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108173BS

Tot Ion:178 Resp: 1070449
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.8 12.6 19.0

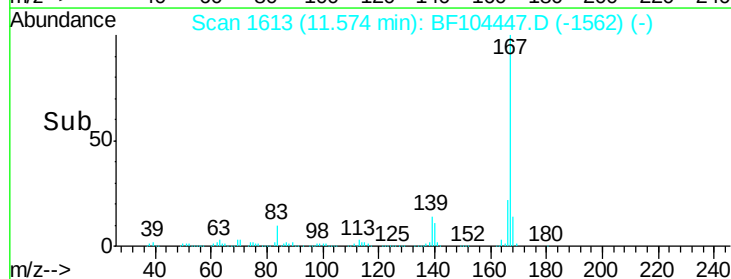
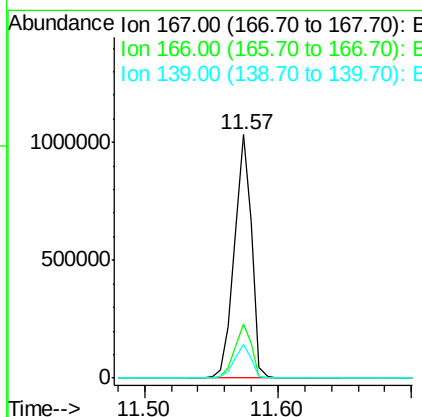
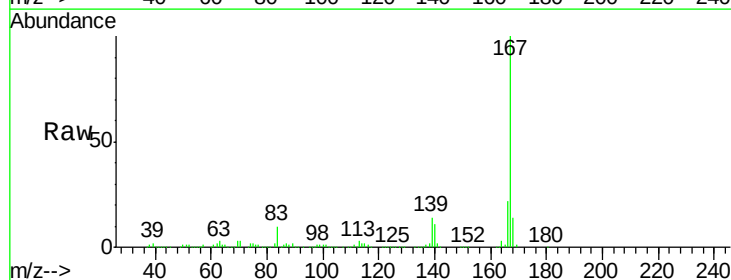
Manual Integrations
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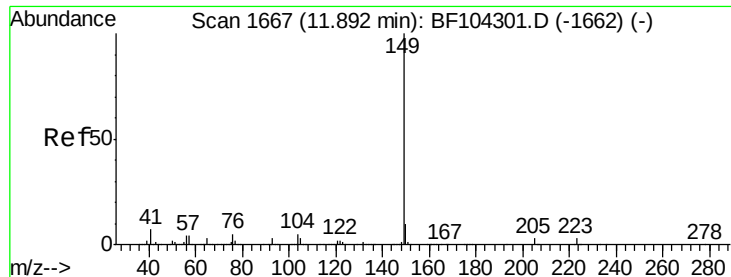
Sohil
 4/13/2018 4:43:52 PM



#72
 Carbazole
 Concen: 36.268 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion:167 Resp: 940721
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.484 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

PB108173BS

Tot Ion:149 Resp: 1219365

Ion Ratio Lower Upper

149 100

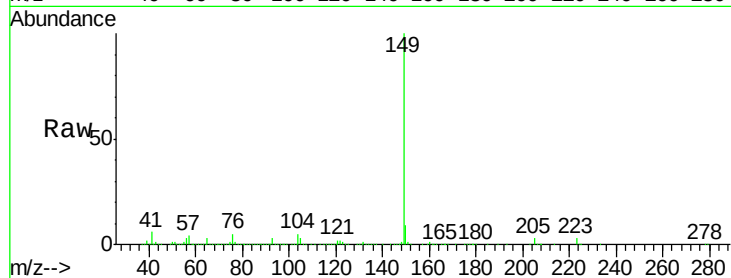
150 9.3 7.8 11.6

104 4.9 3.8 5.8

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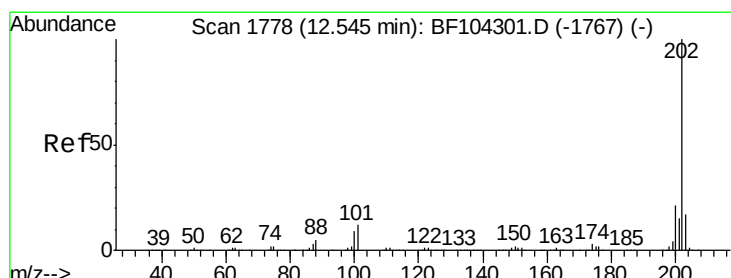
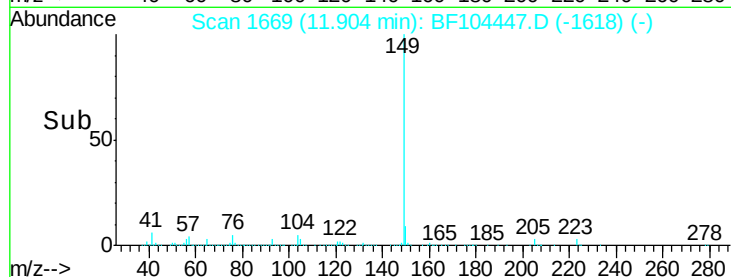
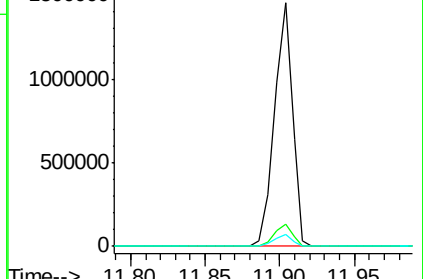
4/13/2018 4:43:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.499 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

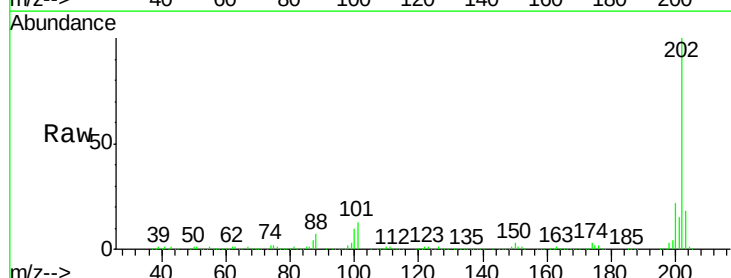
Tgt Ion:202 Resp: 1023078

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

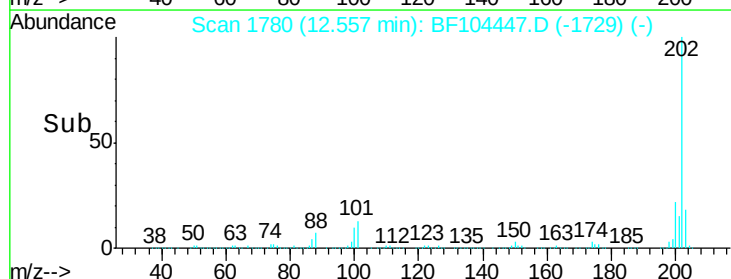
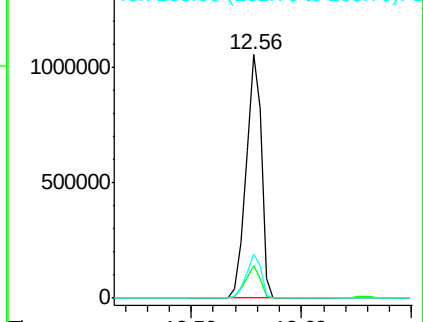
203 17.8 0.0 38.1

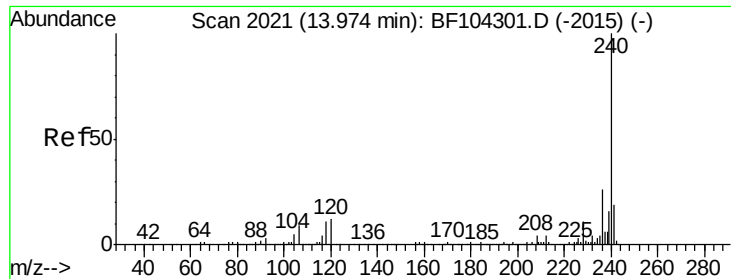


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





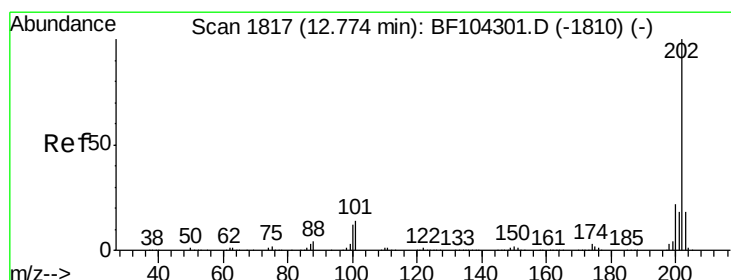
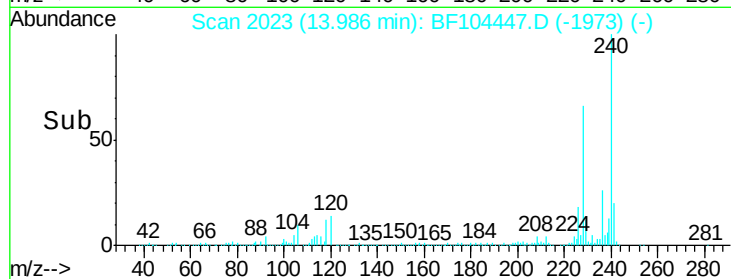
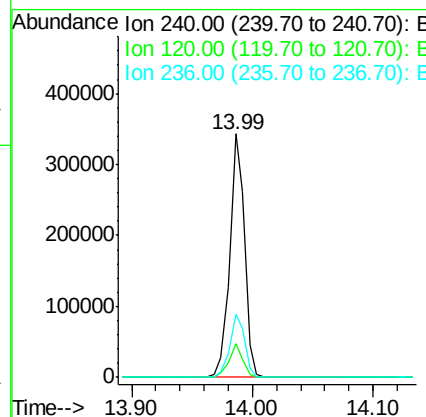
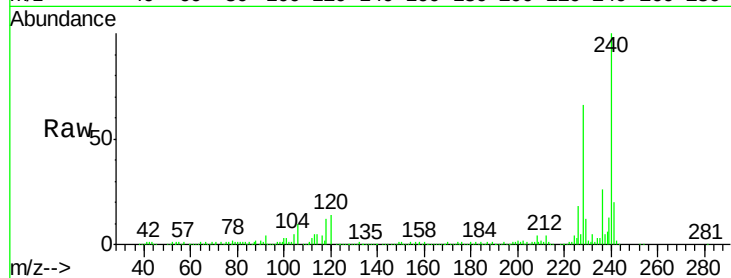
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.9	20.7	31.1

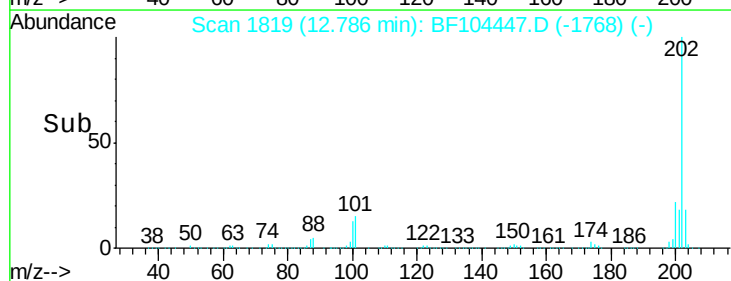
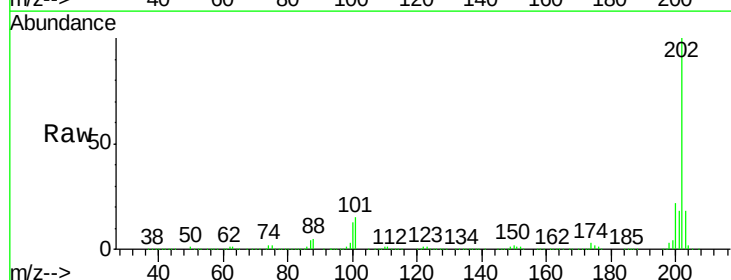
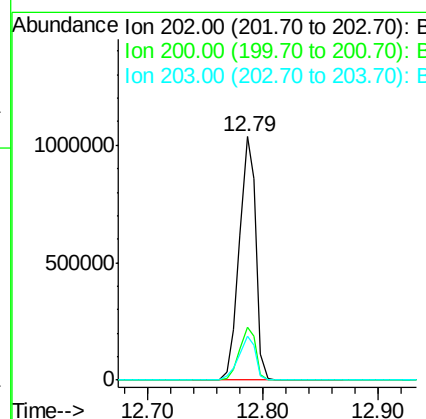
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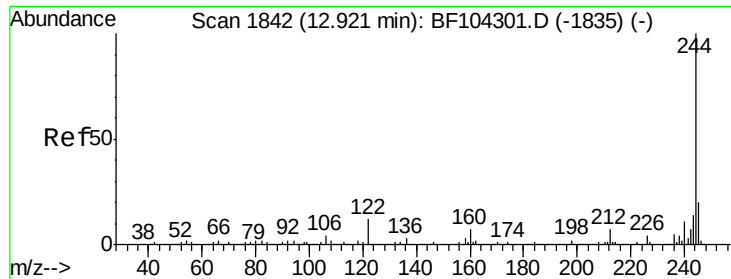
Sohil
4/13/2018 4:43:52 PM



#77
Pyrene
Concen: 47.425 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5





#78

Terphenyl-d14

Concen: 100.859 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

PB108173BS

Tot Ion:244 Resp: 1285265

Ion Ratio Lower Upper

244 100

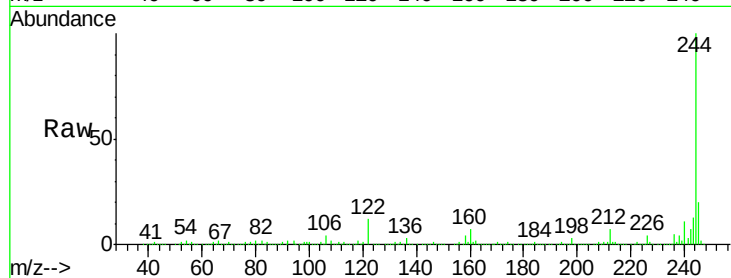
212 7.0 5.4 8.0

122 11.9 11.0 16.4

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Sohil

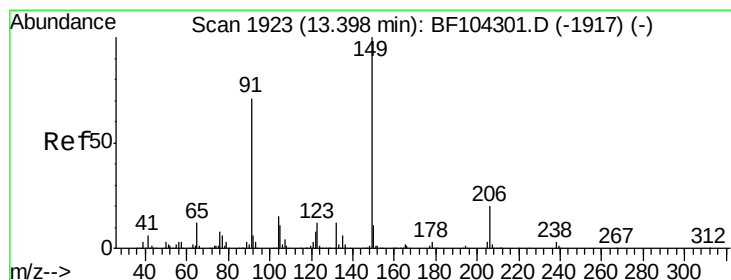
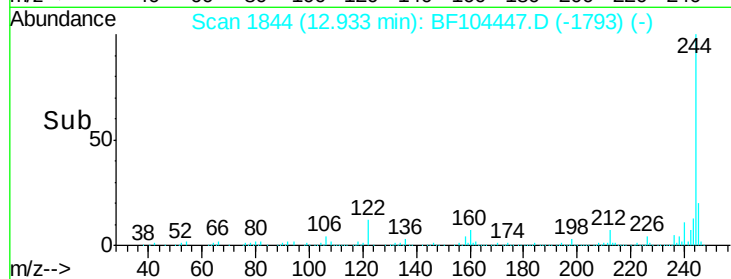
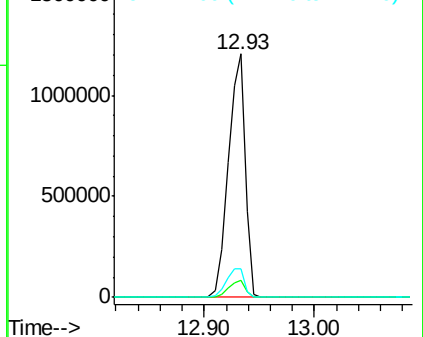
4/13/2018 4:43:52 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 45.005 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

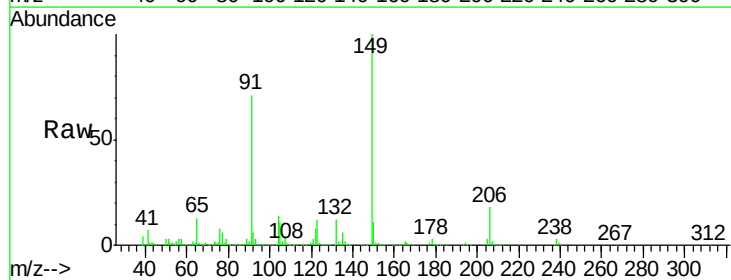
Tgt Ion:149 Resp: 456584

Ion Ratio Lower Upper

149 100

91 70.7 56.8 85.2

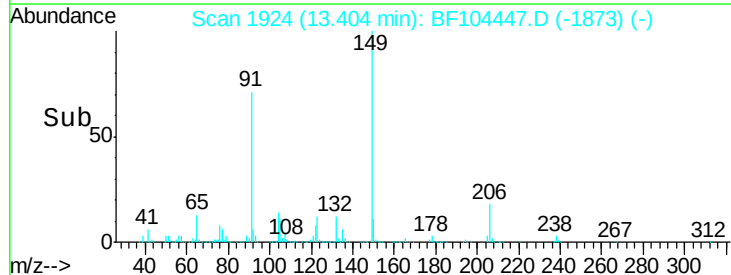
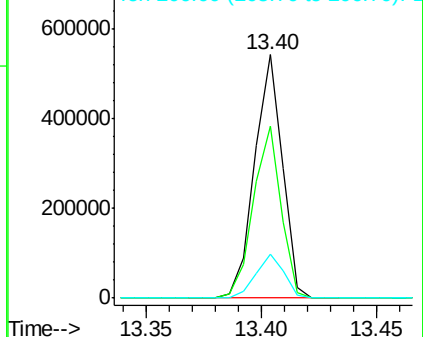
206 18.3 14.1 21.1

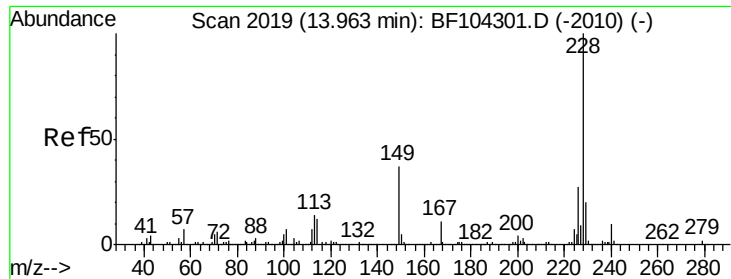


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





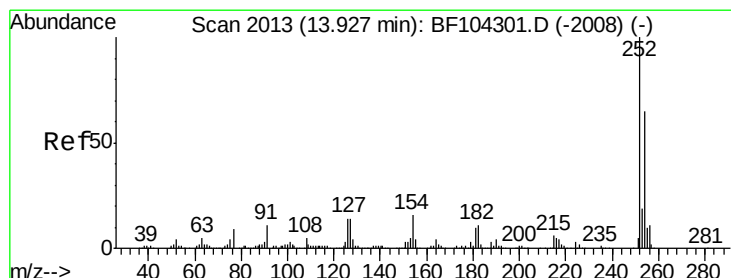
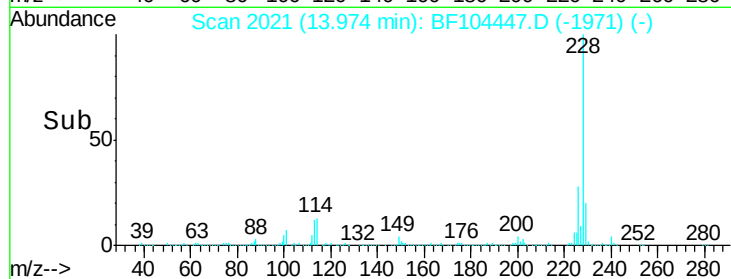
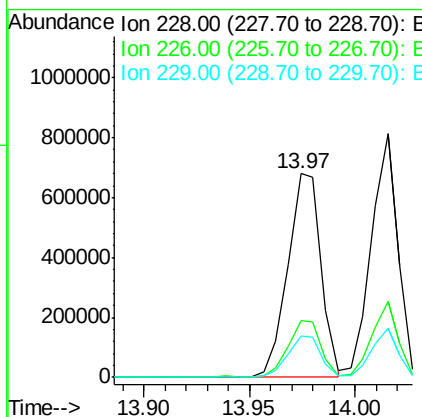
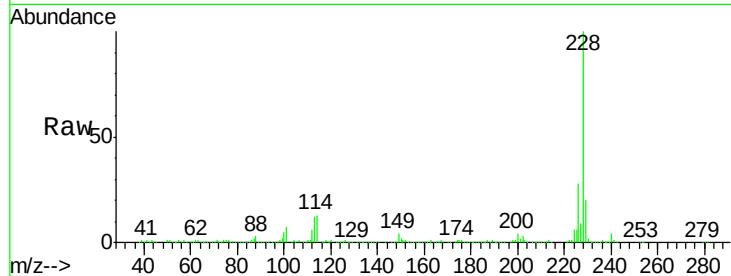
#80
Benzo(a)anthracene
Concen: 42.995 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.3	15.8	23.6

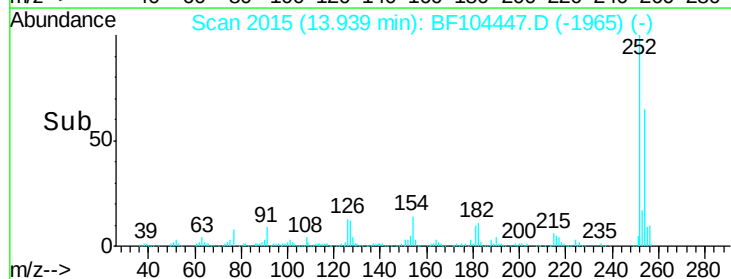
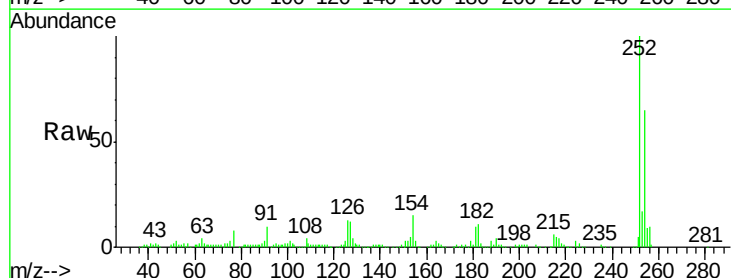
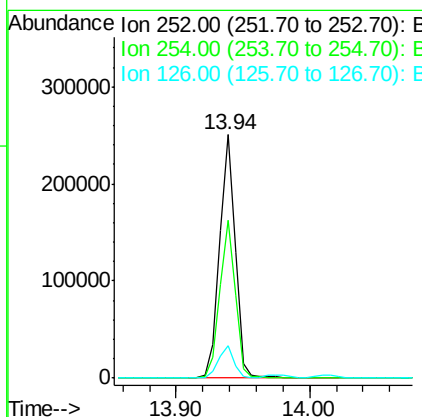
Manual Integrations
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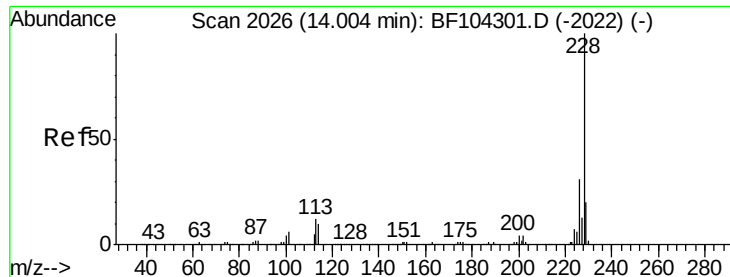
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 32.733 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	13.3	11.3	16.9





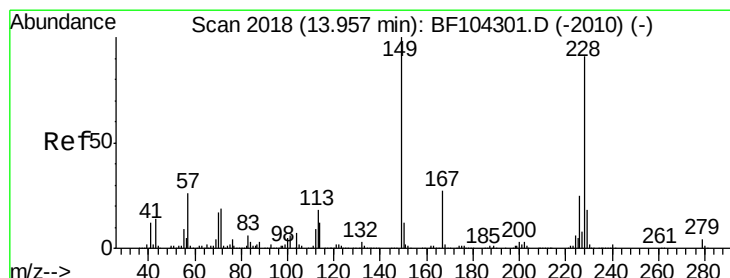
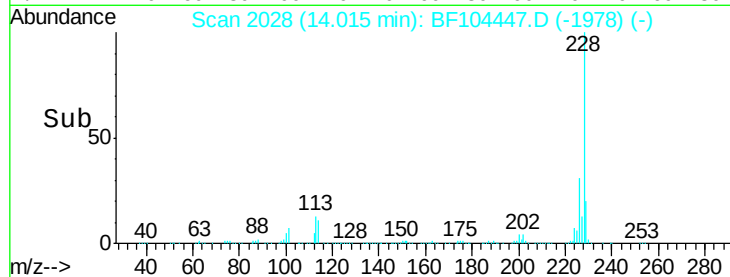
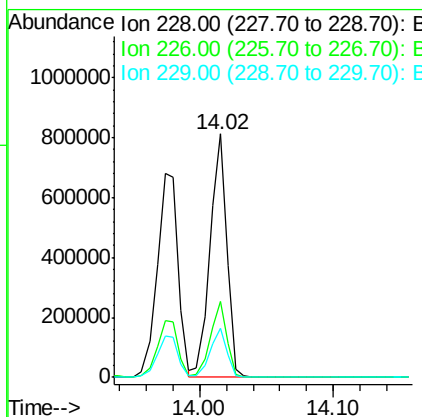
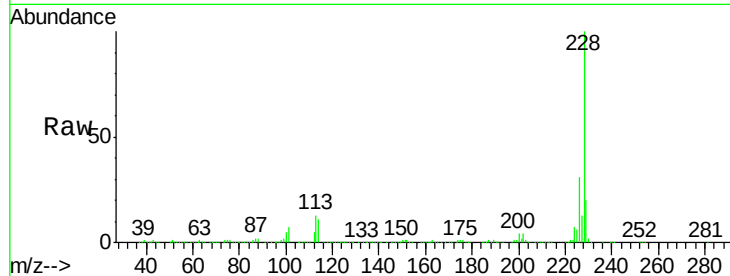
#82
 Chrysene
 Concen: 40.219 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampled :
 PB108173BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.3	16.2	24.4

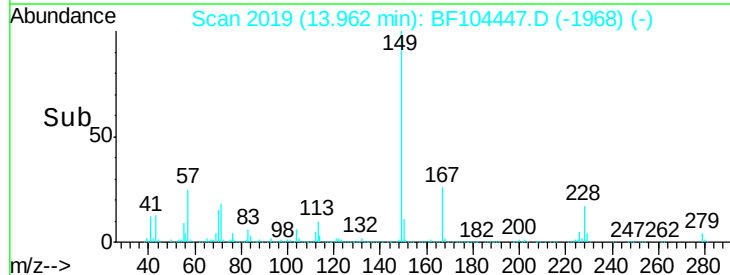
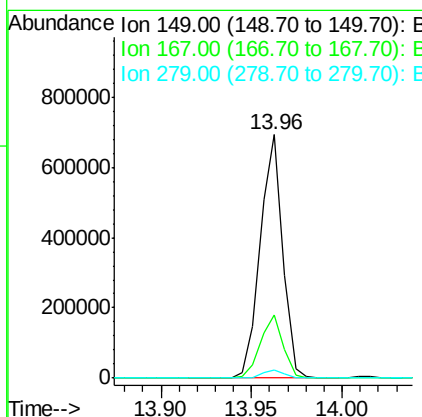
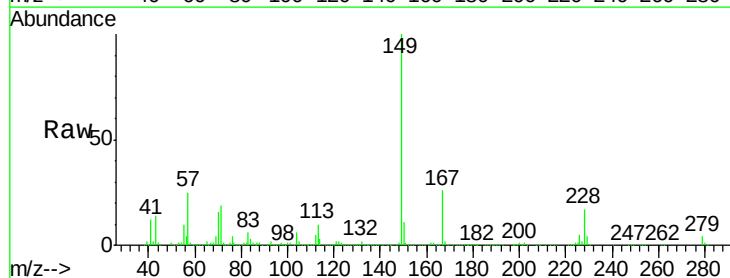
Manual Integrations
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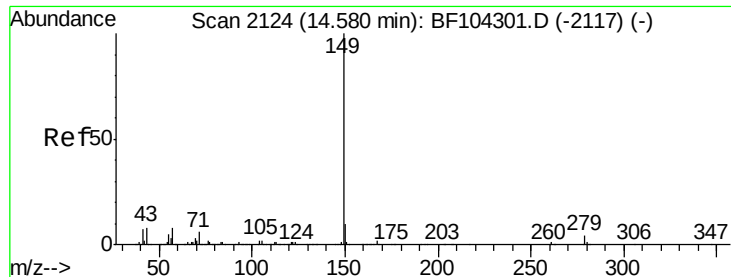
Sohil
 4/13/2018 4:43:52 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.677 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.5	3.0	4.4





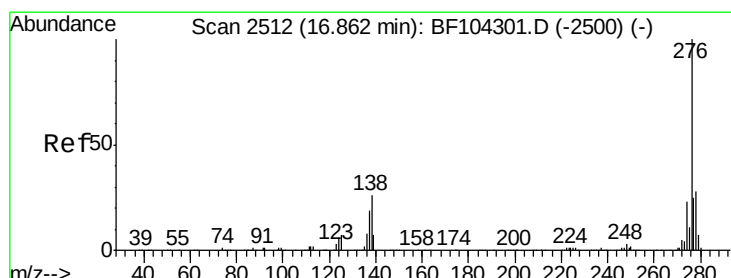
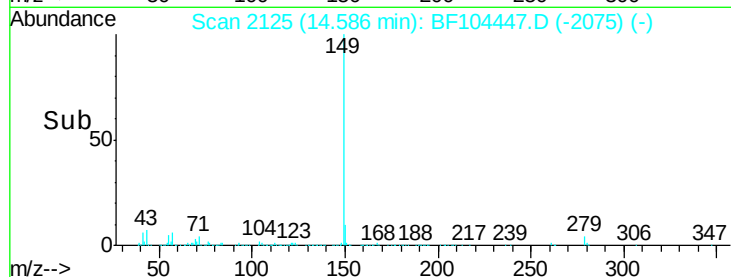
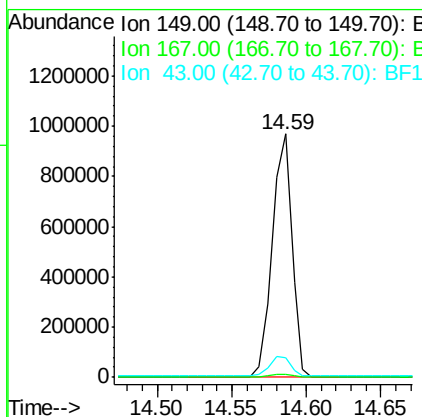
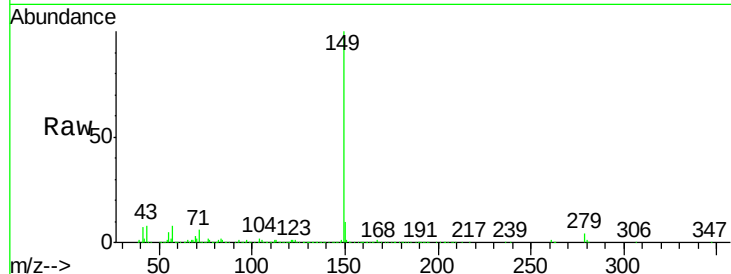
#84
Di-n-octyl phthalate
Concen: 40.790 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	889408		
167	1.4		1.2	1.8
43	8.8		8.4	12.6

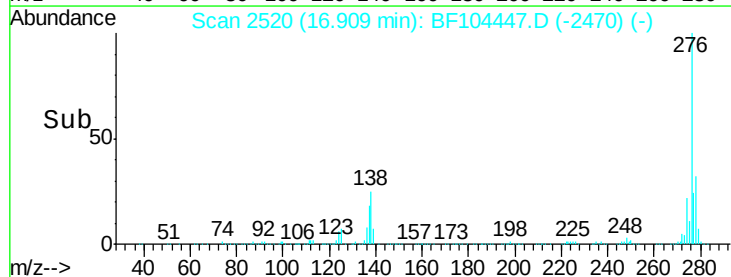
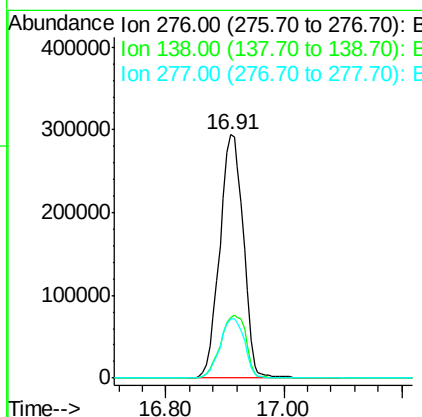
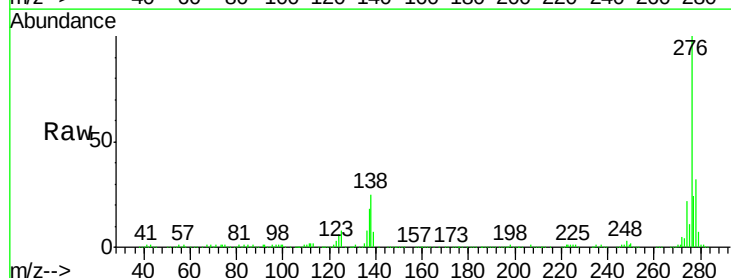
Manual Integrations
APPROVED

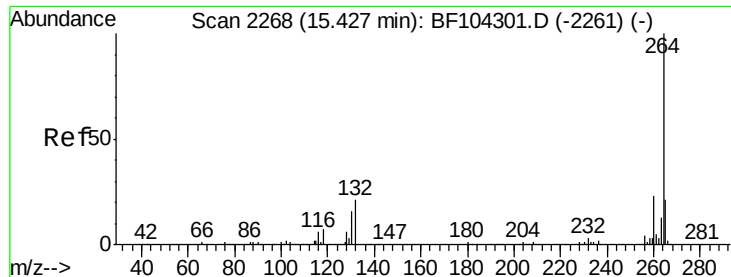
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 54.027 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	818199		
138	28.3		25.0	37.6
277	25.3		20.1	30.1





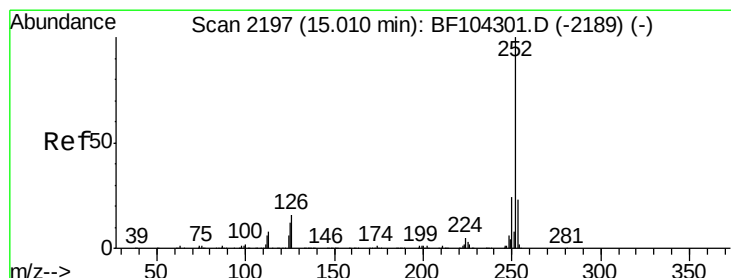
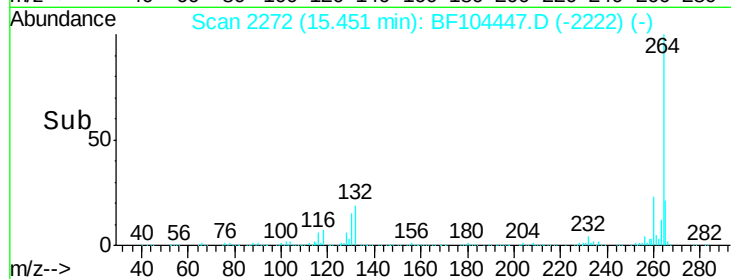
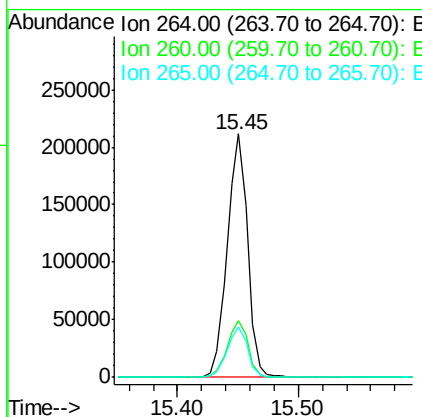
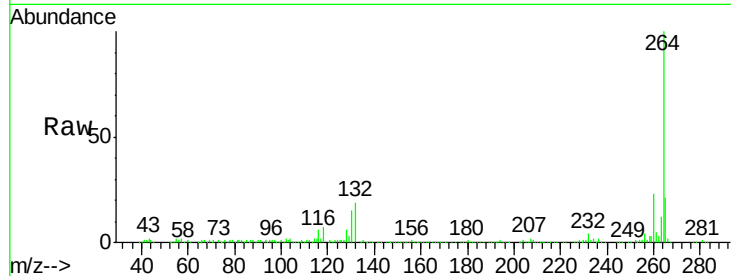
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.7	17.5	26.3

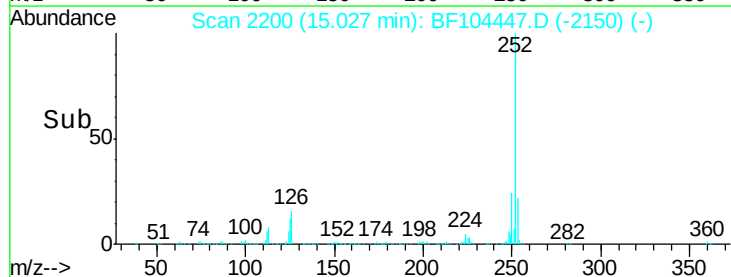
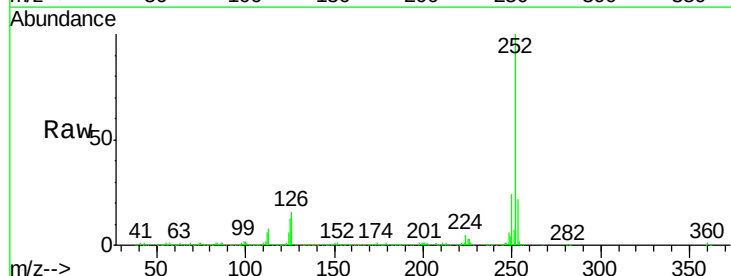
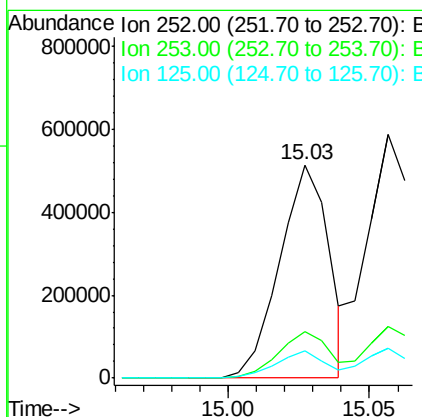
Manual Integrations
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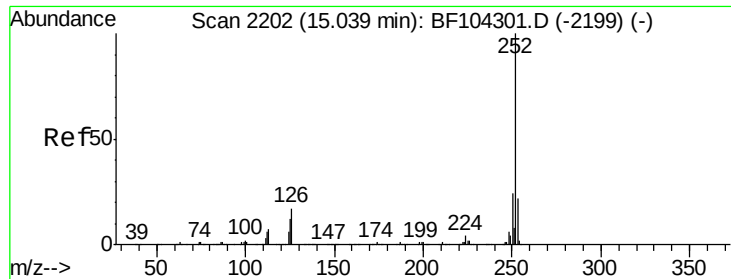
Sohil
4/13/2018 4:43:52 PM



#87
Benzo(b)fluoranthene
Concen: 39.891 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.5	9.0	13.6





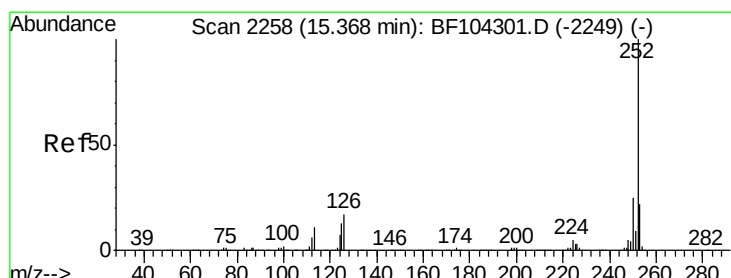
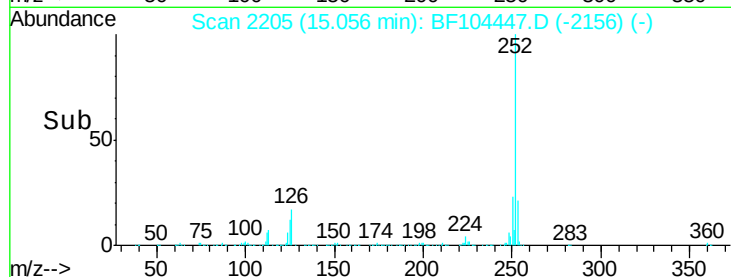
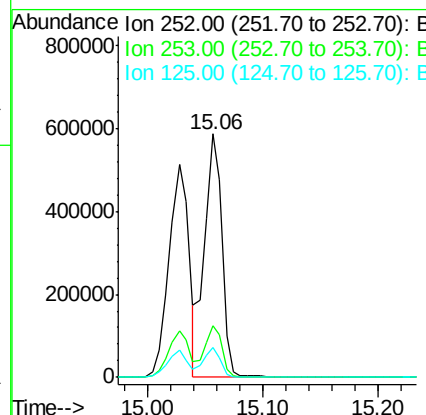
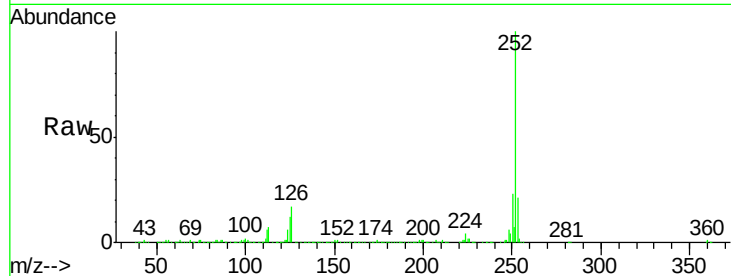
#88
Benzo(k)fluoranthene
Concen: 42.298 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	12.3	10.2	15.2

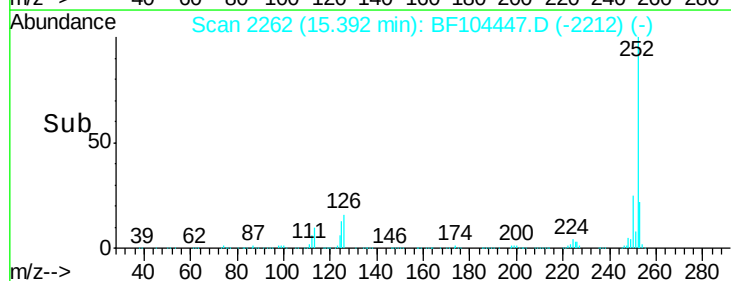
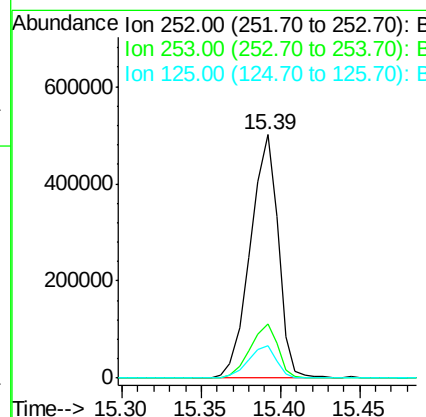
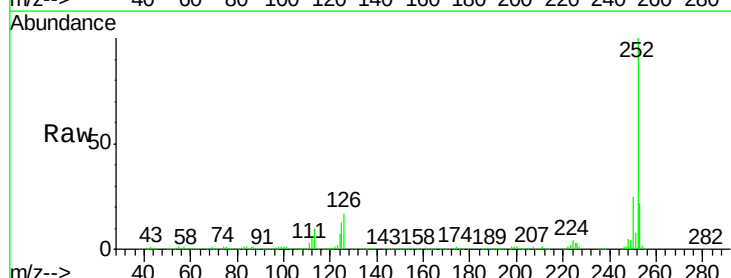
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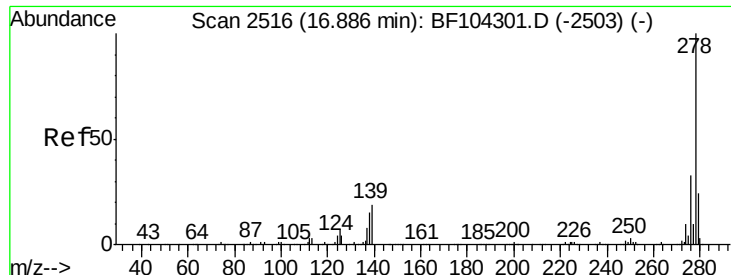
Sohil
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#89
Benzo(a)pyrene
Concen: 44.008 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.3	9.8	14.6





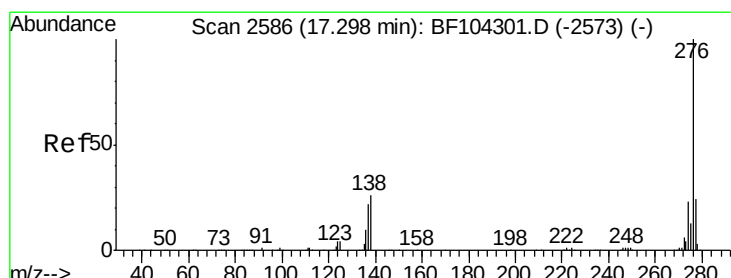
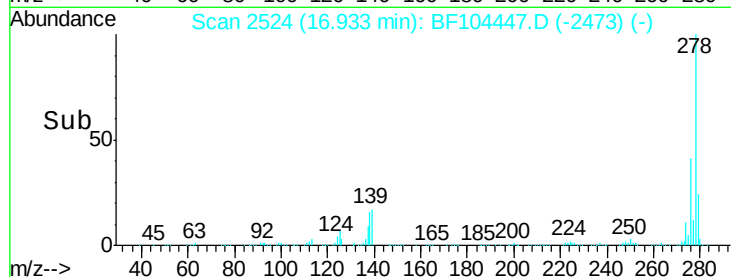
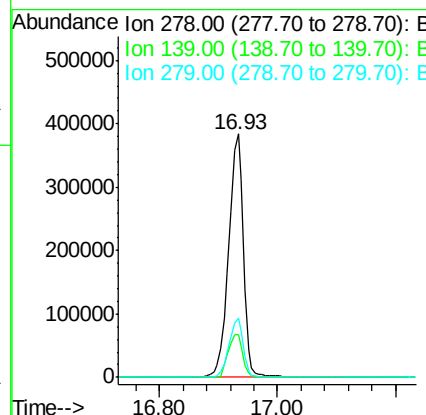
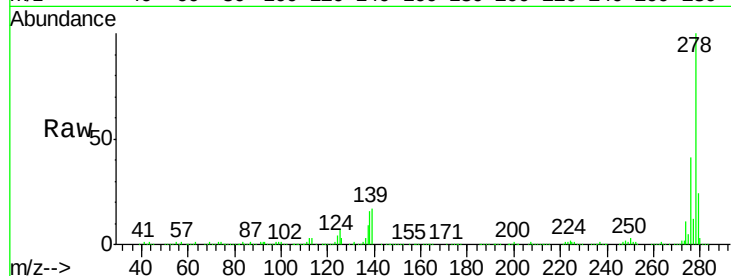
#90
Dibenzo(a,h)anthracene
Concen: 58.320 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :
PB108173BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.9	23.9
279	24.2	19.0	28.4

Manual Integrations
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4/13/2018 4:43:52 PM



#91
Benzo(g,h,i)perylene
Concen: 63.630 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	24.4	21.8	32.8

