

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104417.D
 Acq On : 10 Apr 2018 19:00
 Operator : JU/SJ
 Sample : PB108119BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Manual Integrations
 APPROVED

Sohil
 4/11/2018 5:17:09 PM

Quant Time: Apr 11 01:12:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132694	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	517033	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	200134	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	298602	20.00	ng	0.00
75) Chrysene-d12	13.98	240	275877	20.00	ng	0.00
86) Perylene-d12	15.44	264	206979	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	808795	93.20	ng	0.02
7) Phenol-d6	6.44	99	984051	92.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	597304	75.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	177095	85.30	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	996626	78.67	ng	0.00
78) Terphenyl-d14	12.93	244	775895	64.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	113951	28.180	ng	89
3) Pyridine	3.34	79	327240	28.784	ng	87
4) n-Nitrosodimethylamine	3.29	42	115957	29.178	ng	# 78
6) Aniline	6.47	93	181415	12.246	ng	97
8) 2-Chlorophenol	6.59	128	296506	32.371	ng	96
9) Benzaldehyde	6.36	77	202737	36.524	ng	98
10) Phenol	6.45	94	358797	31.714	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	287429	31.837	ng	96
12) 1,3-Dichlorobenzene	6.75	146	317882	30.634	ng	97
13) 1,4-Dichlorobenzene	6.83	146	317015	30.648	ng	99
14) 1,2-Dichlorobenzene	6.98	146	300047	31.302	ng	99
15) Benzyl Alcohol	6.95	79	246786	30.473	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	373501	30.806	ng	93
17) 2-Methylphenol	7.06	107	236568	29.712	ng	99
18) Hexachloroethane	7.32	117	97291	26.380	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	197998	28.417	ng	95
20) 3+4-Methylphenols	7.21	107	289266	29.294	ng	# 81
22) Acetophenone	7.22	105	395687	31.085	ng	96
24) Nitrobenzene	7.39	77	296433	33.909	ng	99
25) Isophorone	7.63	82	481007	28.727	ng	98
26) 2-Nitrophenol	7.71	139	141797	39.843	ng	89
27) 2,4-Dimethylphenol	7.75	122	225793	30.556	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	332543	32.483	ng	99
29) 2,4-Dichlorophenol	7.95	162	226630	32.143	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	242421	31.329	ng	96
31) Naphthalene	8.12	128	751740	29.199	ng	99
32) Benzoic acid	7.85	122	168033	28.499	ng	98
33) 4-Chloroaniline	8.16	127	69220	6.276	ng	97
34) Hexachlorobutadiene	8.23	225	135879	32.059	ng	98
35) Caprolactam	8.53	113	68158m	27.710	ng	
36) 4-Chloro-3-methylphenol	8.65	107	228609	30.238	ng	98
37) 2-Methylnaphthalene	8.80	142	464456	27.890	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	204309	35.662	ng	99
40) Hexachlorocyclopentadiene	8.96	237	47295	14.746	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	139405	35.053	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	140026	31.464	nq	95
45) 1,1'-Biphenyl	9.27	154	579154	34.448	nq	100
46) 2-Chloronaphthalene	9.29	162	447308	33.683	nq	99
47) 2-Nitroaniline	9.39	65	131751	40.118	nq	89
48) Acenaphthylene	9.71	152	627666	30.125	nq	100
49) Dimethylphthalate	9.57	163	523880	33.194	nq	100
50) 2,6-Dinitrotoluene	9.63	165	106143	36.347	nq	91
51) Acenaphthene	9.88	154	376123	29.587	nq	99
52) 3-Nitroaniline	9.80	138	69852	20.432	nq	98
53) 2,4-Dinitrophenol	9.90	184	12774	19.533	nq	# 22
54) Dibenzofuran	10.06	168	553461	31.240	nq	98
55) 4-Nitrophenol	9.96	139	163791	60.989	nq	97
56) 2,4-Dinitrotoluene	10.03	165	122139	31.885	nq	97
57) Fluorene	10.40	166	376164	29.171	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	100583	30.295	nq	93
59) Diethylphthalate	10.27	149	490411	31.201	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	202466	35.255	nq	93
61) 4-Nitroaniline	10.41	138	90156	26.970	nq	98
62) Azobenzene	10.55	77	436716	29.082	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	11706	14.164	nq	86
65) n-Nitrosodiphenylamine	10.51	169	372994	36.027	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	113220	35.647	nq	92
67) Hexachlorobenzene	10.95	284	118333	33.111	nq	# 87
68) Atrazine	11.03	200	112009	35.842	nq	99
69) Pentachlorophenol	11.14	266	129809	58.711	nq	97
70) Phenanthrene	11.36	178	501304	30.146	nq	98
71) Anthracene	11.41	178	503111	29.764	nq	99
72) Carbazole	11.57	167	518863	31.413	nq	99
73) Di-n-butylphthalate	11.90	149	631667	31.306	nq	99
74) Fluoranthene	12.55	202	528218	30.403	nq	98
76) Benzidine	12.68	184	526689	67.610	nq	97
77) Pyrene	12.78	202	550334	26.913	nq	99
79) Butylbenzylphthalate	13.40	149	271521	28.184	nq	99
80) Benzo(a)anthracene	13.97	228	511993	31.065	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	199882	32.527	nq	97
82) Chrysene	14.01	228	503790	29.760	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	383240	30.928	nq	99
84) Di-n-octyl phthalate	14.58	149	689002	33.277	nq	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	341037	23.715	nq	98
87) Benzo(b)fluoranthene	15.02	252	422192	32.296	nq	99
88) Benzo(k)fluoranthene	15.05	252	409495	33.180	nq	98
89) Benzo(a)pyrene	15.38	252	359666	30.750	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	289146	30.099	nq	98
91) Benzo(g,h,i)perylene	17.33	276	275200	29.569	nq	95

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

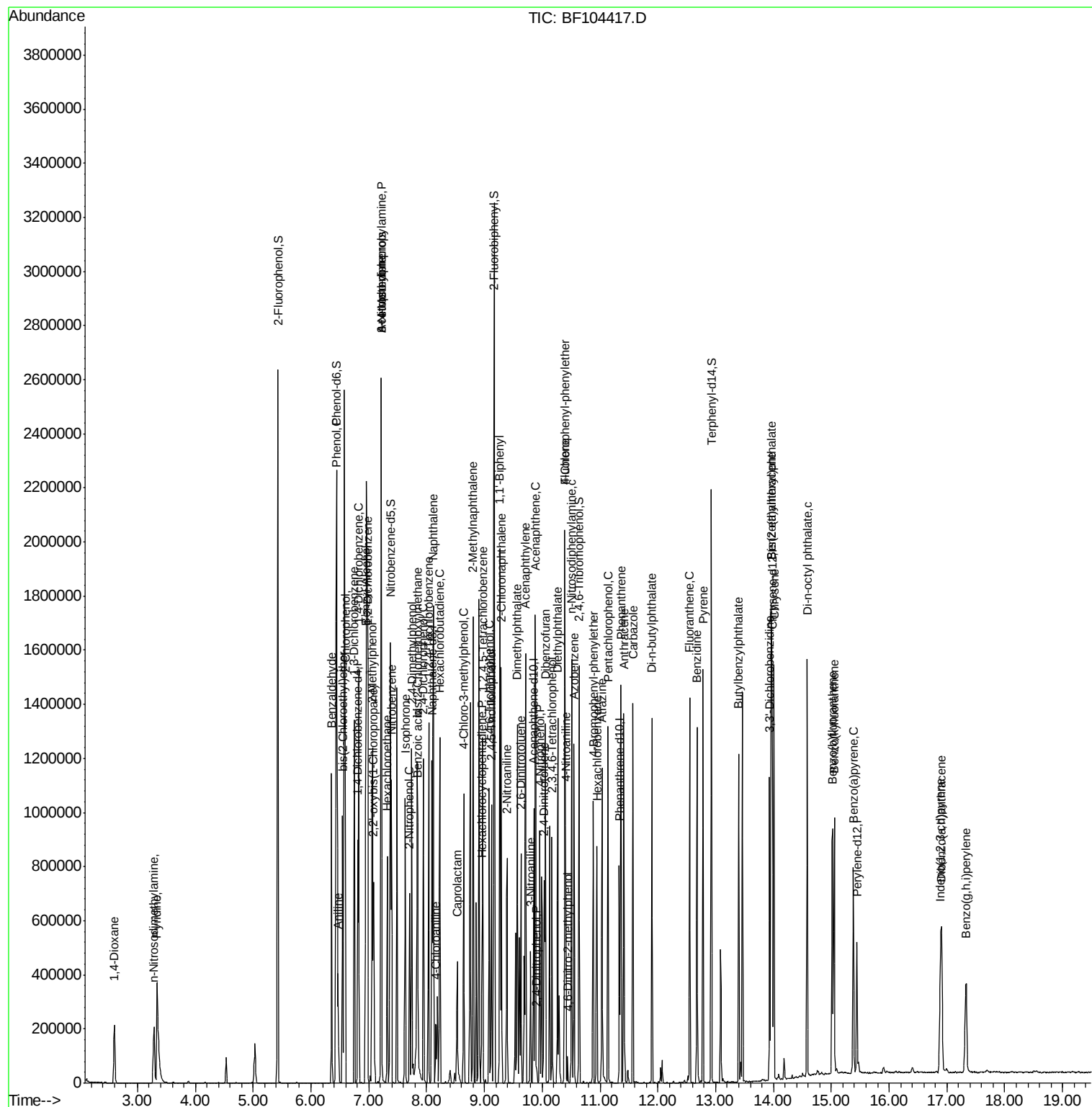
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#1

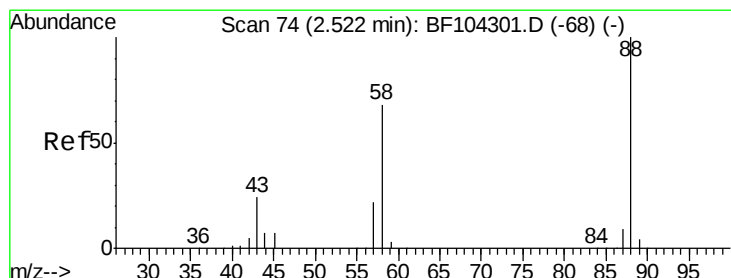
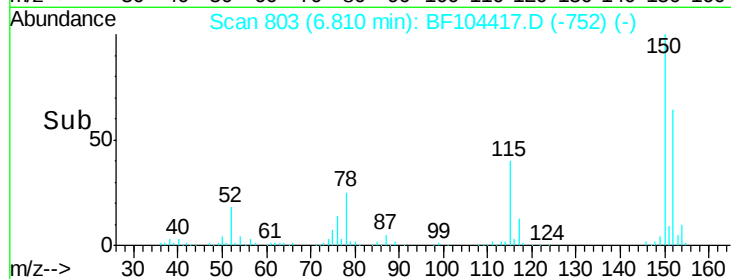
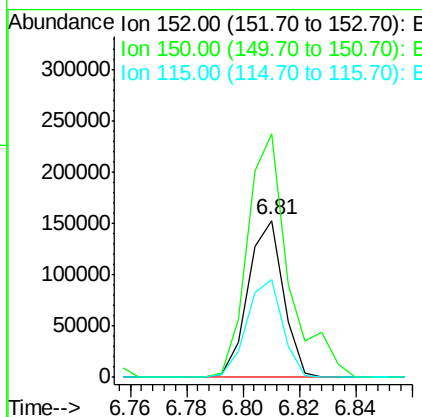
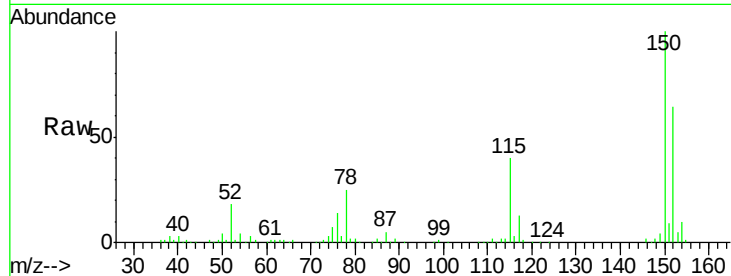
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	62.4	50.1	75.1

Manual Integrations
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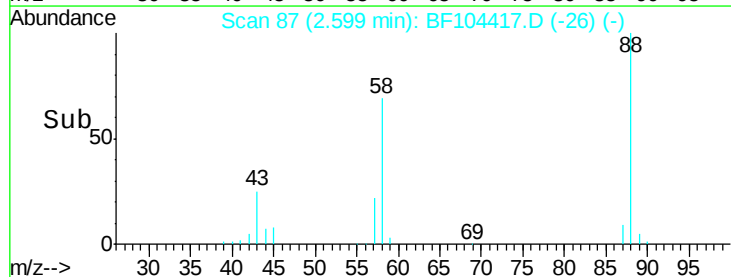
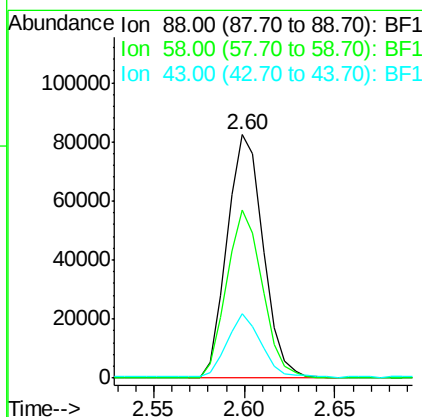
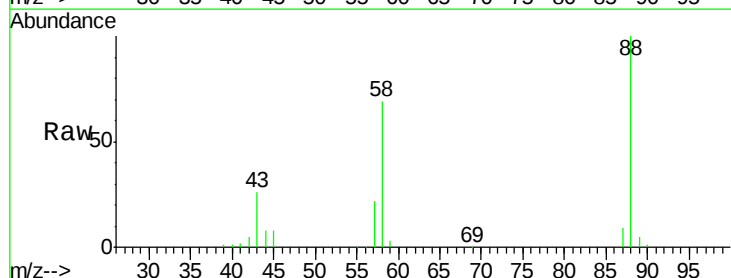
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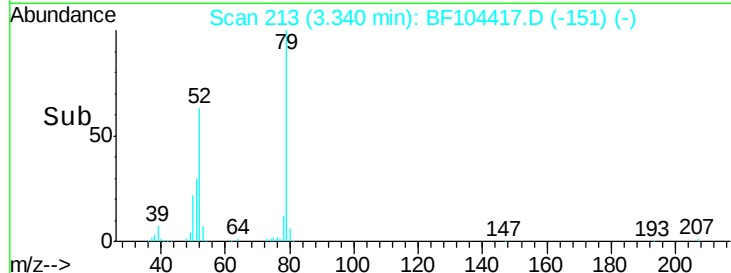
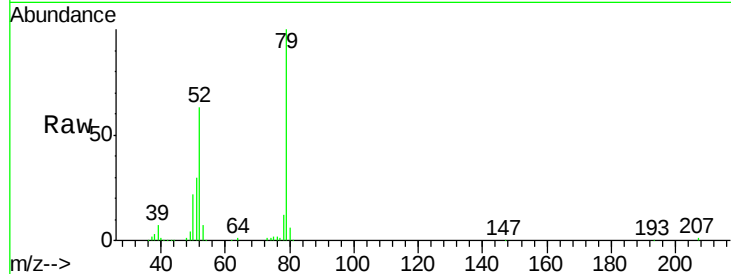
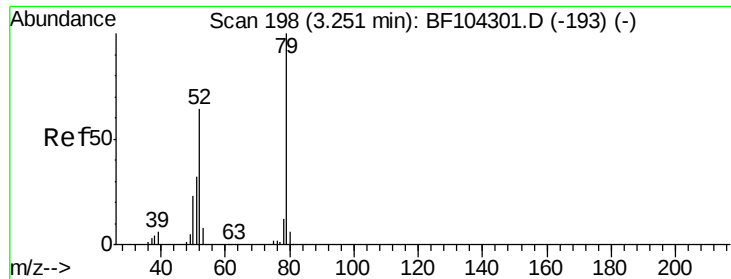


#2

1,4-Dioxane
Concen: 28.180 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.06 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	62.6	93.8
43	24.7	24.6	37.0





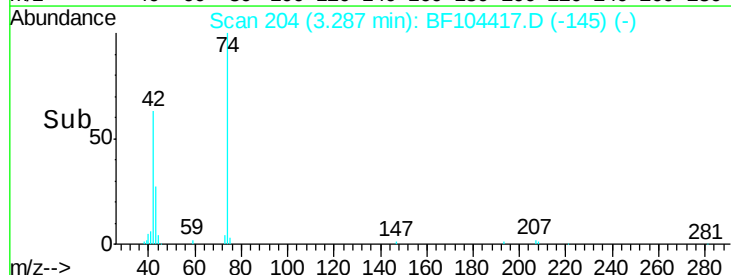
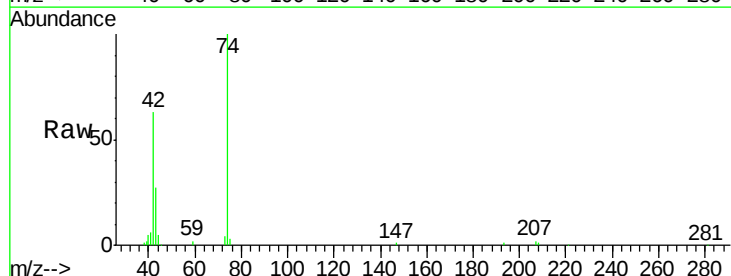
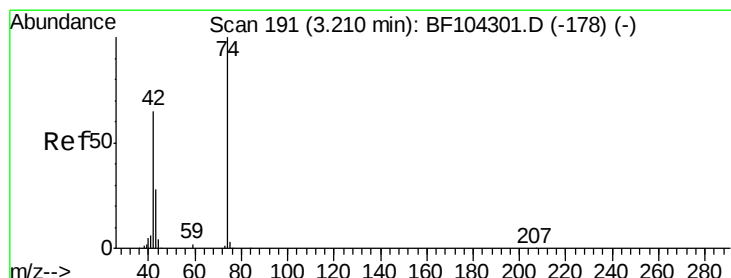
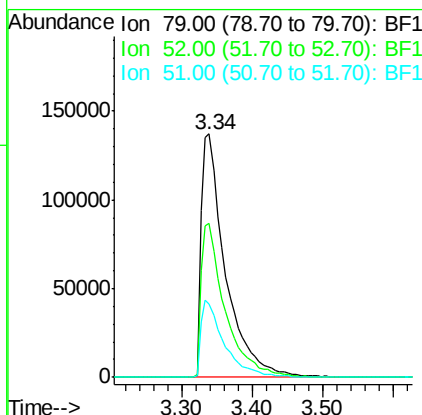
#3
 Pvridine
 Concen: 28.784 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.06 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tot Ion:	79	Resp:	327240
Ion Ratio	Lower	Upper	
79	100		
52	63.2	59.8	89.6
51	30.1	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

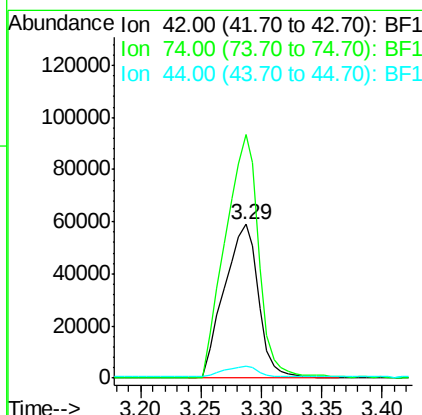
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 29.178 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.05 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:	42	Resp:	115957
Ion Ratio	Lower	Upper	
42	100		
74	158.6	104.9	157.3#
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 93.199 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

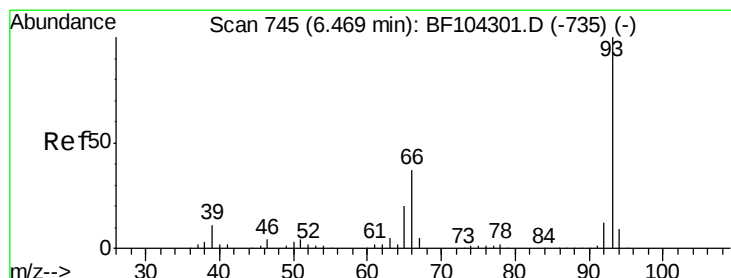
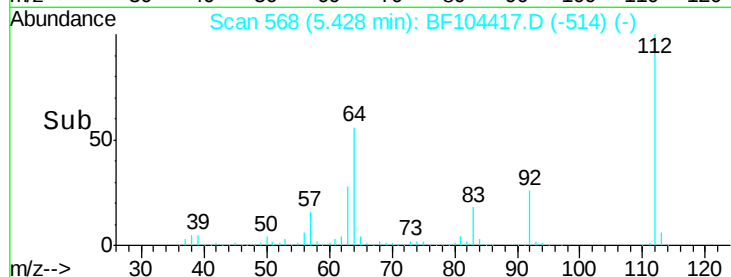
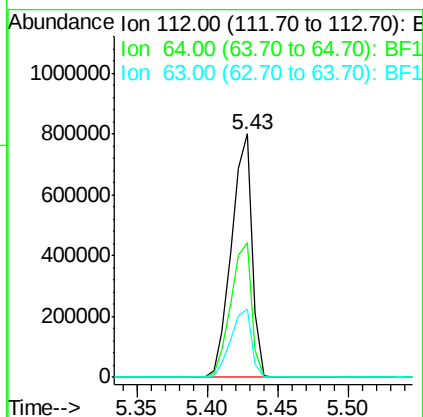
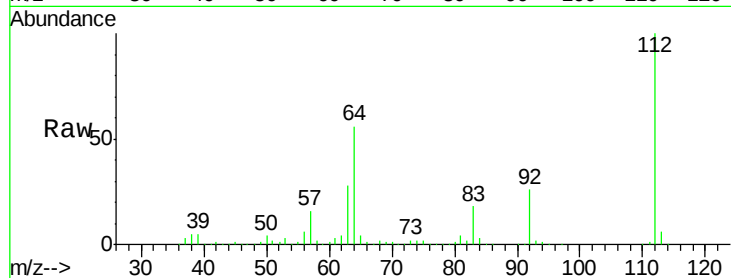
ClientSampleID :

PB108119BS

Tot Ion:	112	Resp:	808795
Ion Ratio	Lower	Upper	
112	100		
64	55.5	47.9	71.9
63	27.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 12.246 ng

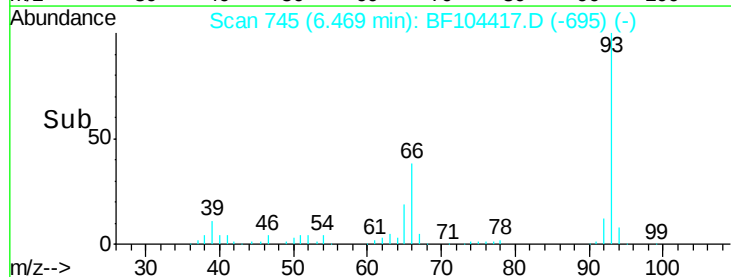
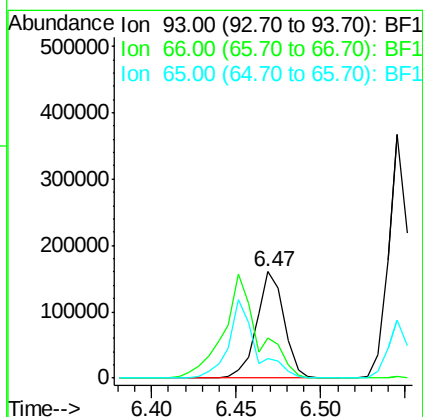
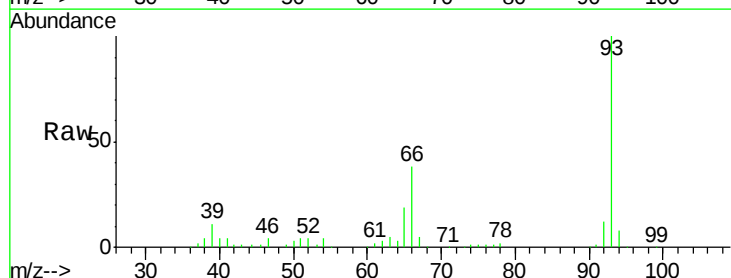
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	93	Resp:	181415
Ion Ratio	Lower	Upper	
93	100		
66	38.0	32.2	48.2
65	18.9	16.4	24.6





#7

Phenol-d6

Concen: 92.290 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

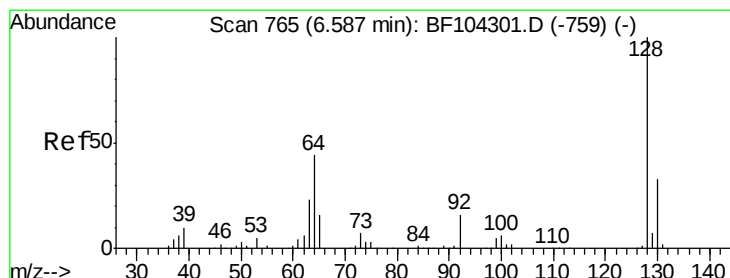
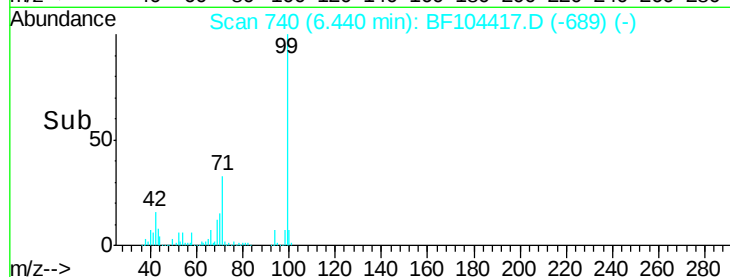
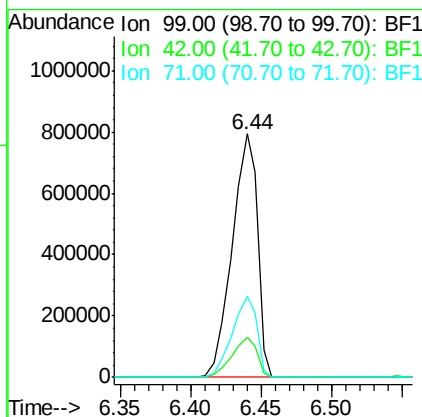
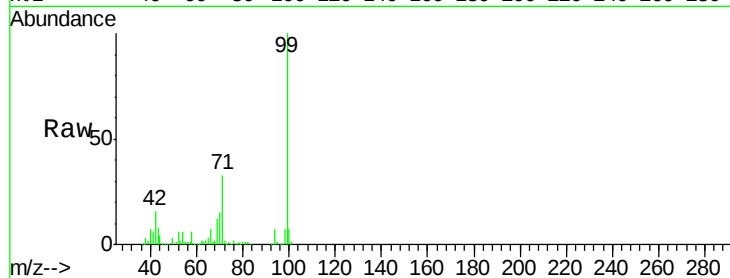
ClientSampled :

PB108119BS

Tot Ion:	99	Resp:	984051
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	33.1	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 32.371 ng

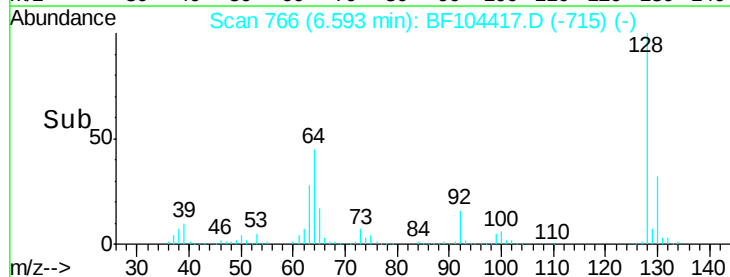
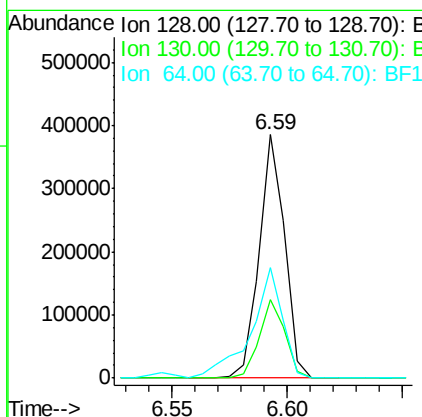
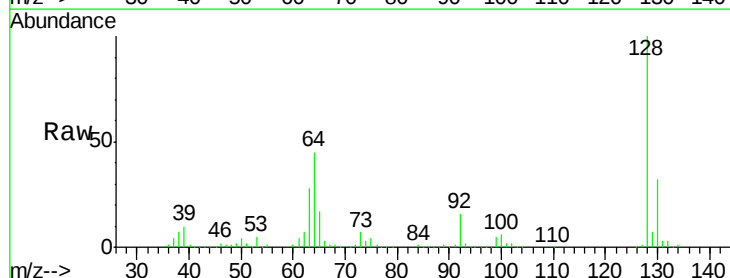
RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	128	Resp:	296506
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	45.3	29.4	69.4





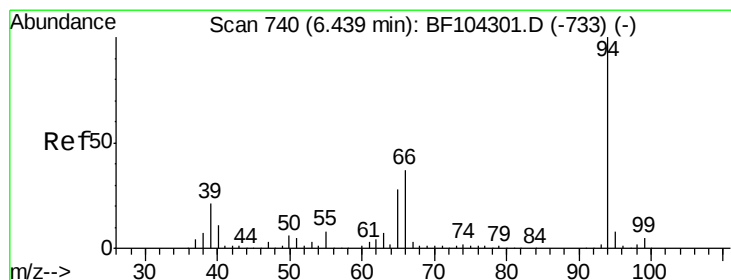
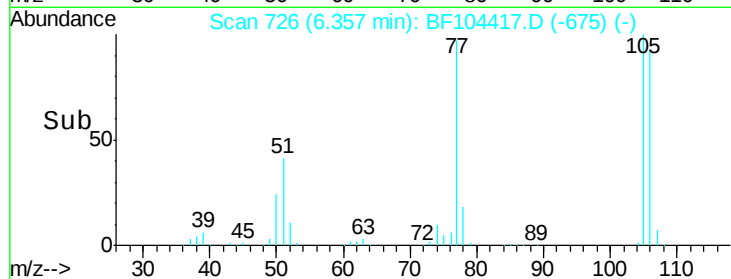
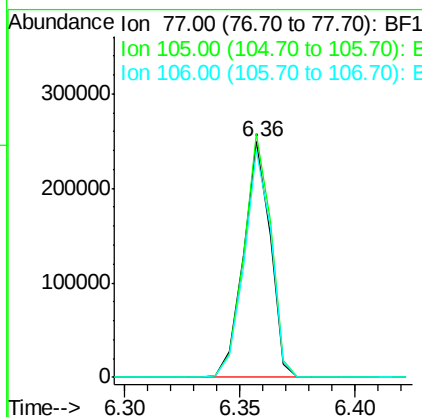
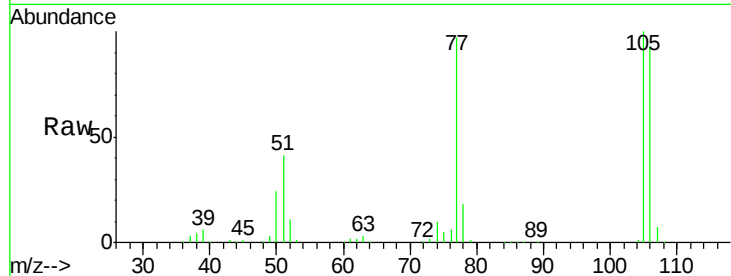
#9
Benzaldehyde
Concen: 36.524 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
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ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.5	81.1	121.1
106	96.4	74.5	114.5

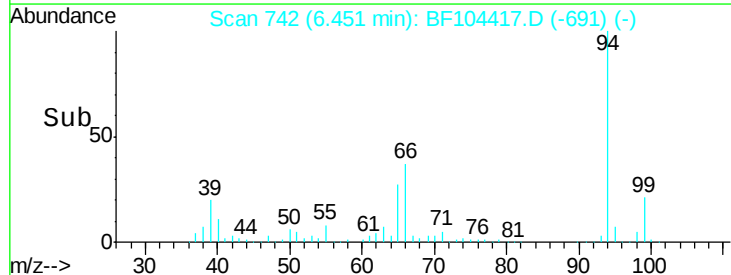
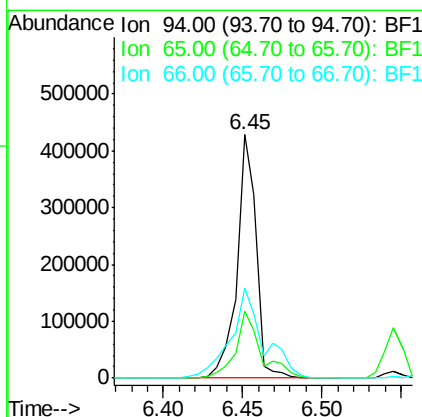
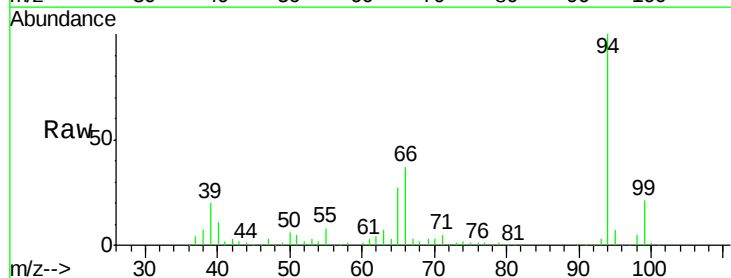
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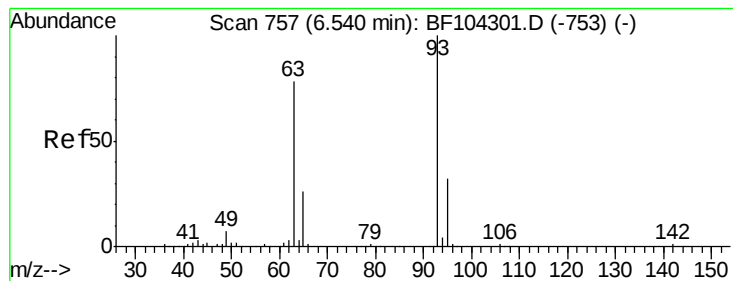
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#10
Phenol
Concen: 31.714 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF104417.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	36.7	16.2	56.2





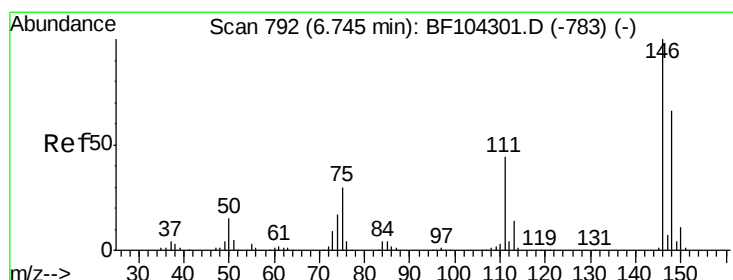
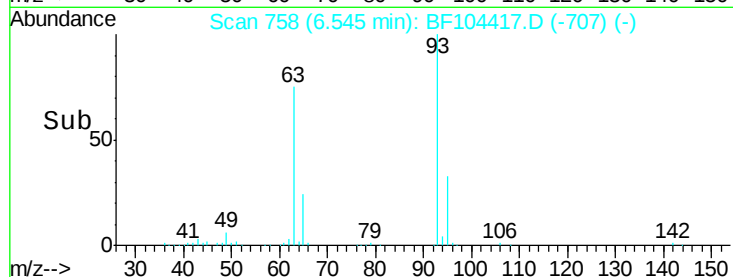
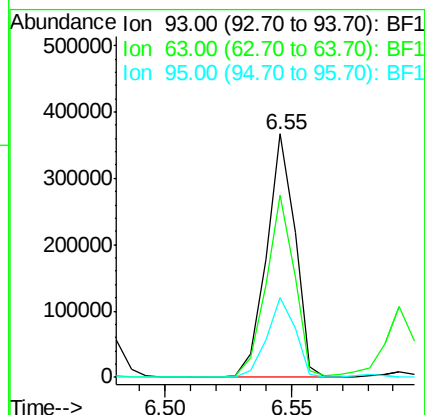
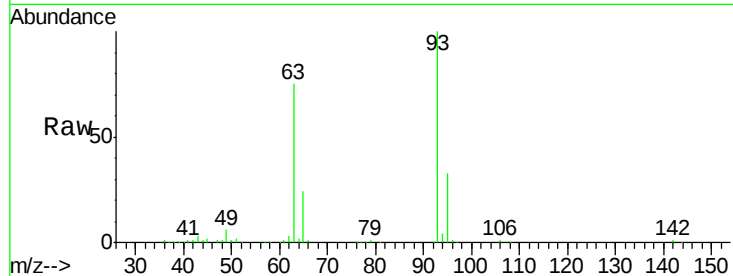
#11
bis(2-Chloroethyl)ether
Concen: 31.837 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion:	93	Resp:	287429
Ion	Ratio	Lower	Upper
93	100		
63	74.6	58.6	98.6
95	32.7	11.8	51.8

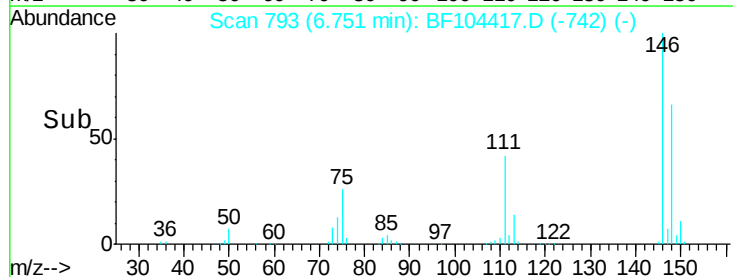
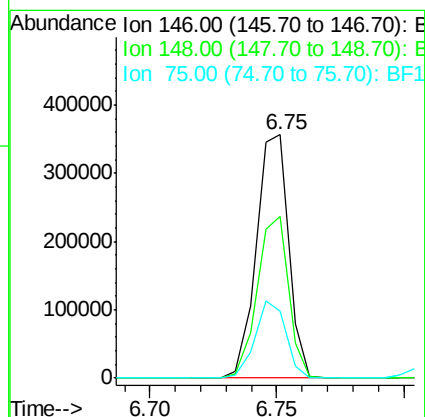
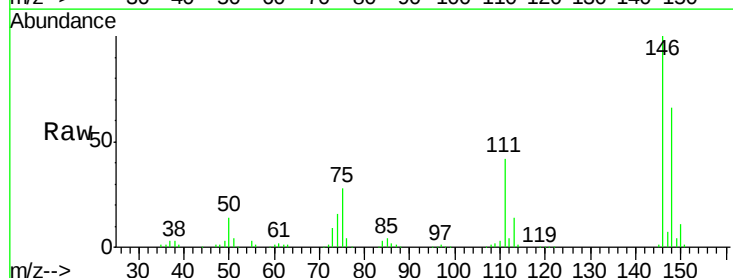
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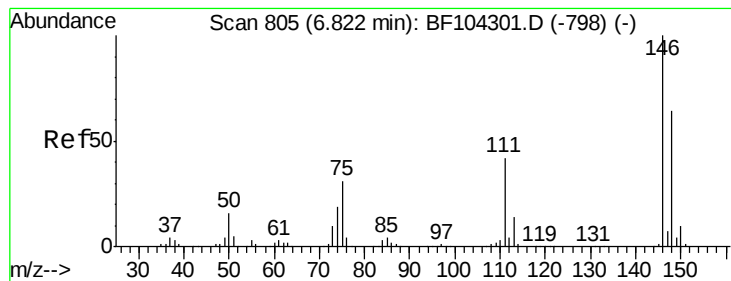
Sohil
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#12
1,3-Dichlorobenzene
Concen: 30.634 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:	146	Resp:	317882
Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.8	77.8
75	27.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.648 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

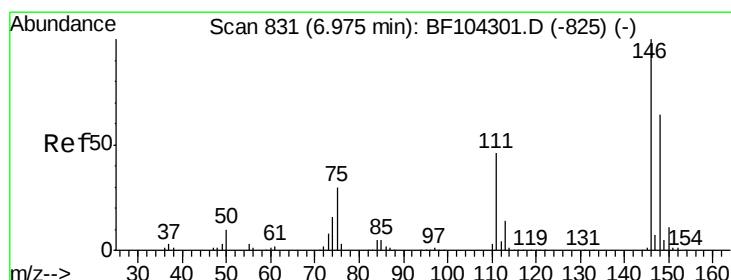
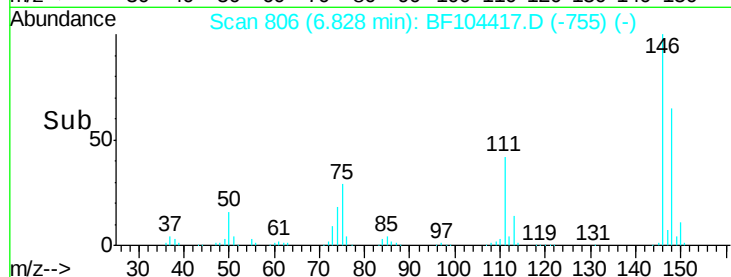
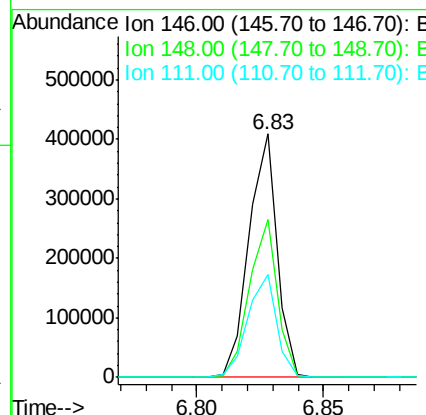
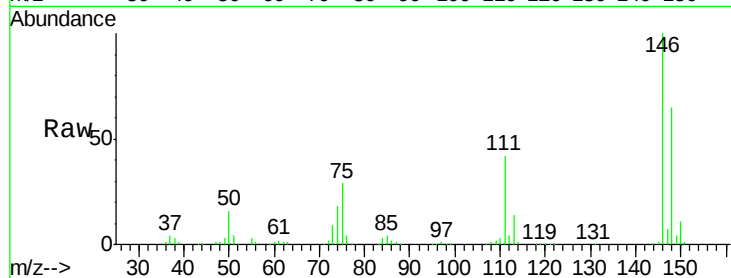
ClientSampled :

PB108119BS

Tot Ion:	146	Resp:	317015
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.8	76.2
111	42.2	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 31.302 ng

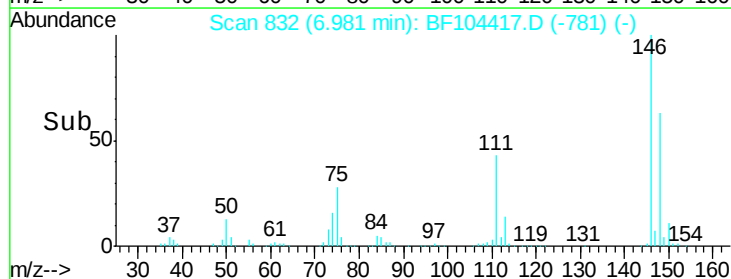
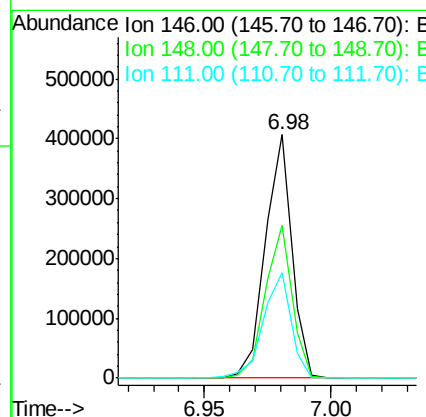
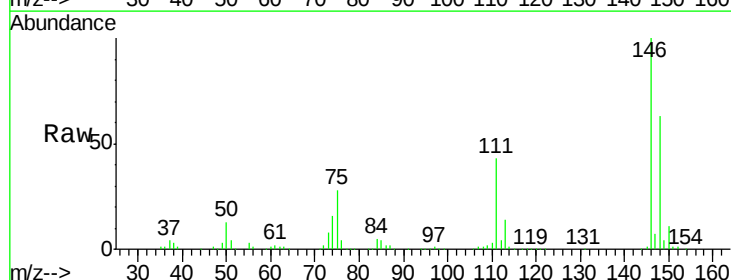
RT: 6.98 min Scan# 832

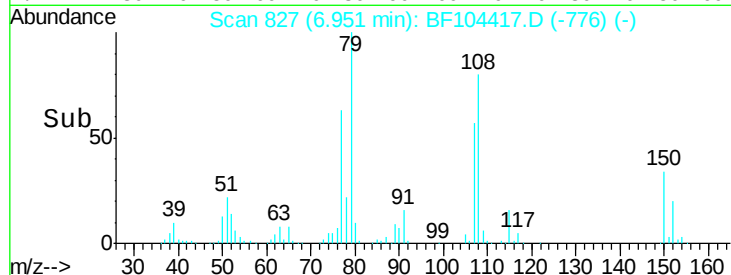
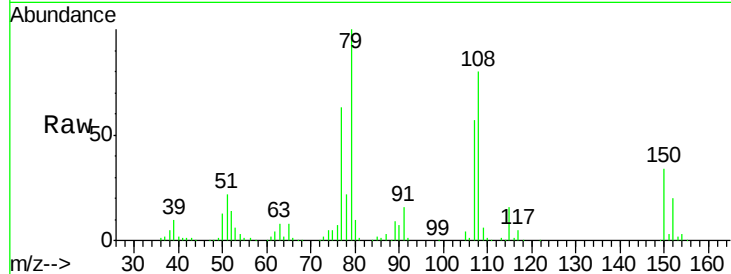
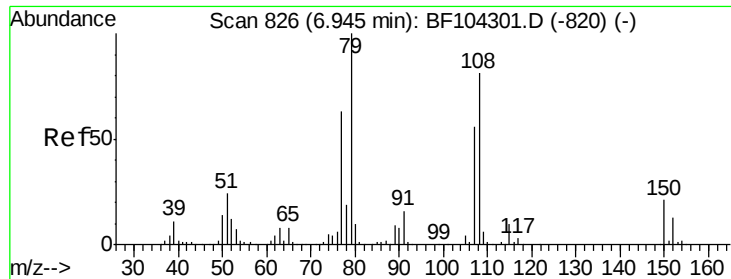
Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	146	Resp:	300047
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	75.8
111	43.4	36.0	54.0





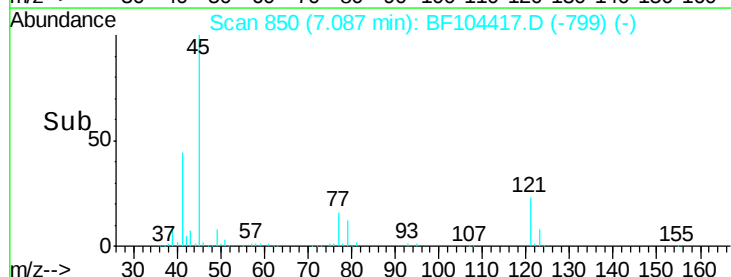
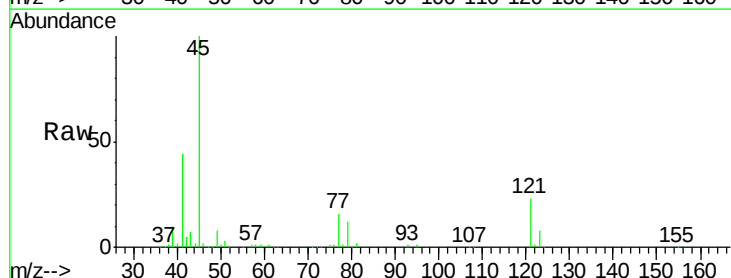
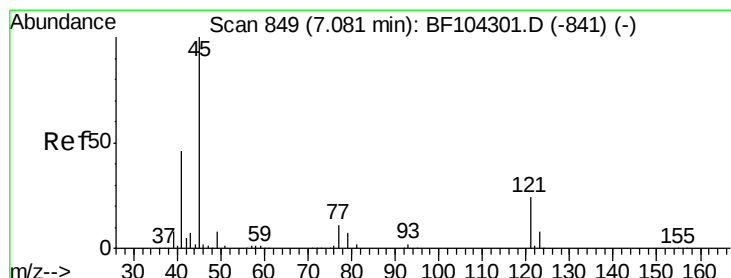
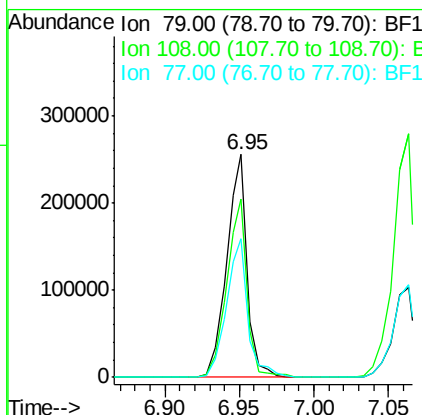
#15
Benzyl Alcohol
Concen: 30.473 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.4	65.1	97.7	
77	62.5	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB108119BS

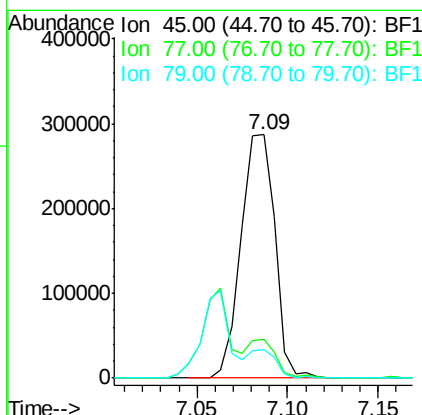
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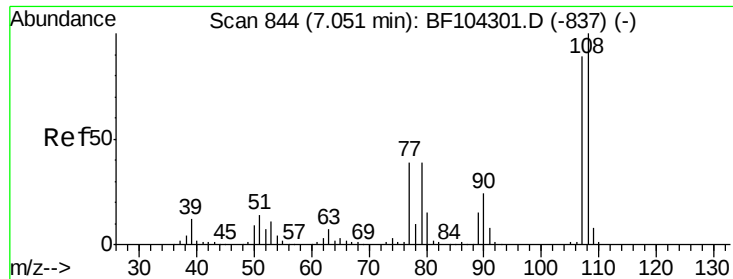
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.806 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.7	0.0	32.9	
79	11.9	0.0	29.6	





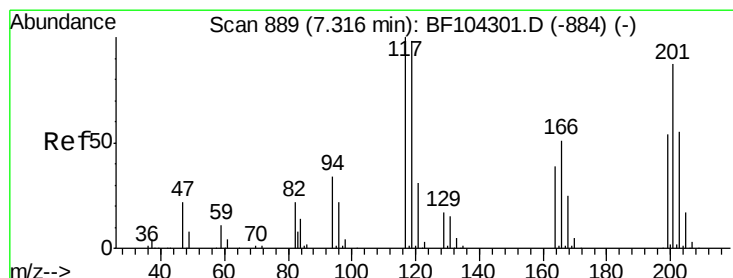
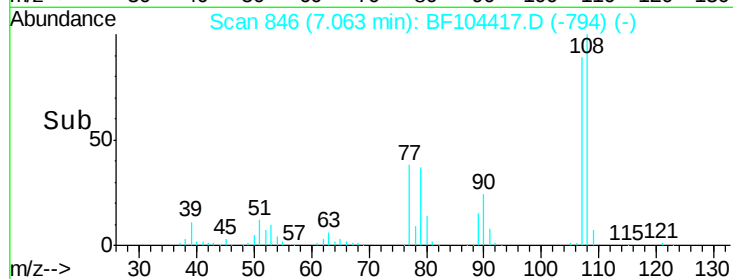
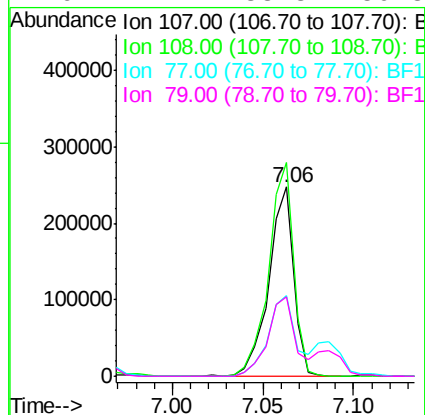
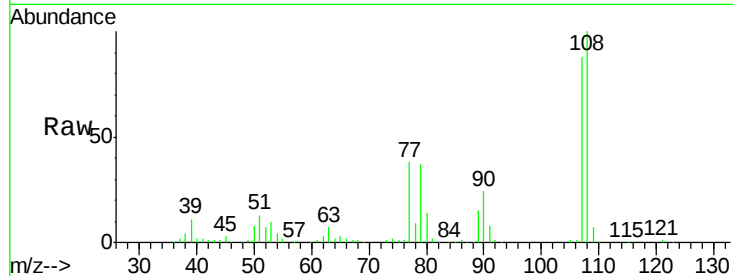
#17
2-Methylphenol
Concen: 29.712 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	236568		
108	108.00	113.1		91.7	137.5
77	77.00	42.8		33.8	50.8
79	79.00	41.7		33.8	50.8

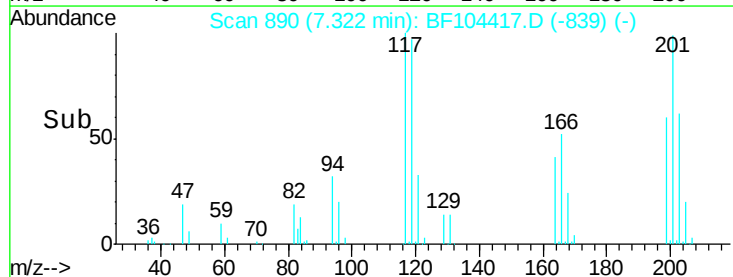
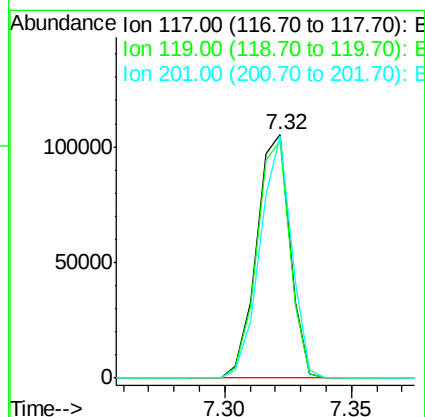
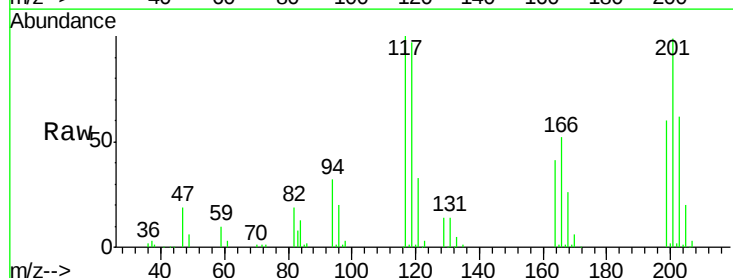
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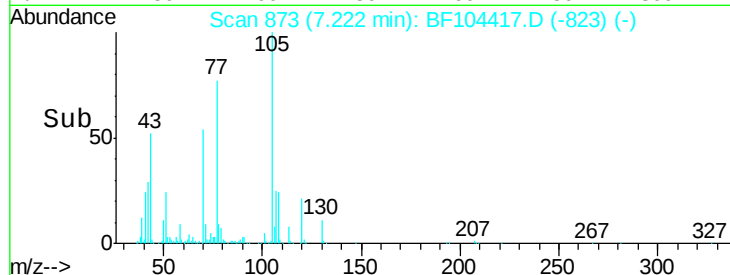
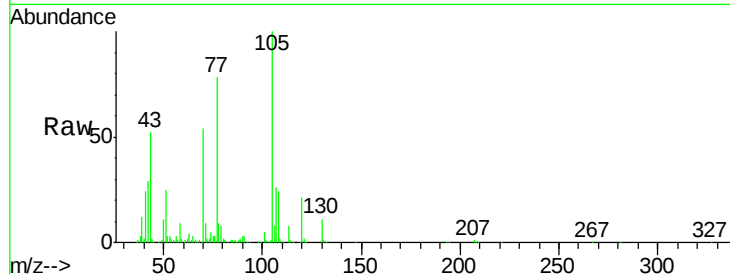
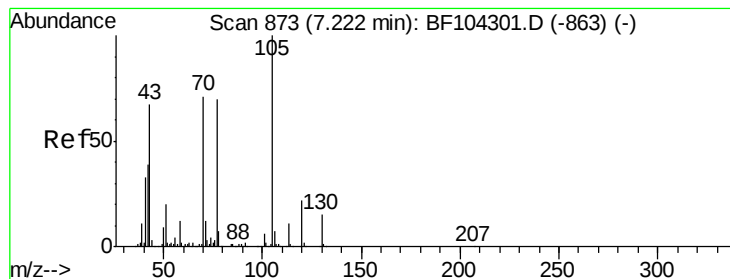
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#18
Hexachloroethane
Concen: 26.380 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	97291		
119	119.00	97.4		75.8	113.8
201	201.00	99.3		75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 28.417 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

PB108119BS

Tot Ion: 70 Resp: 197998

Ion Ratio Lower Upper

70 100

42 54.1 47.5 71.3

101 9.3 7.4 11.2

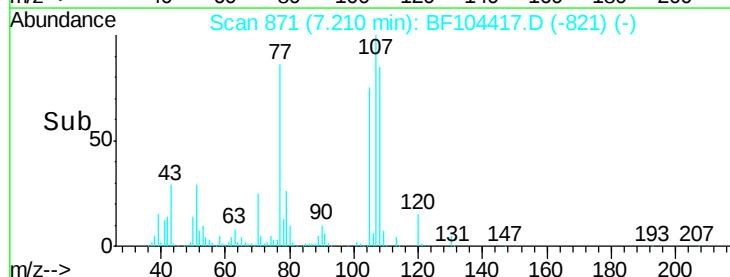
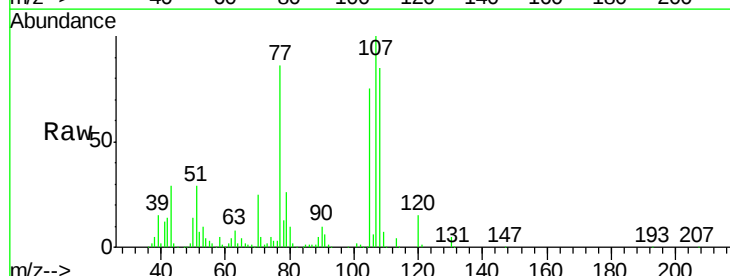
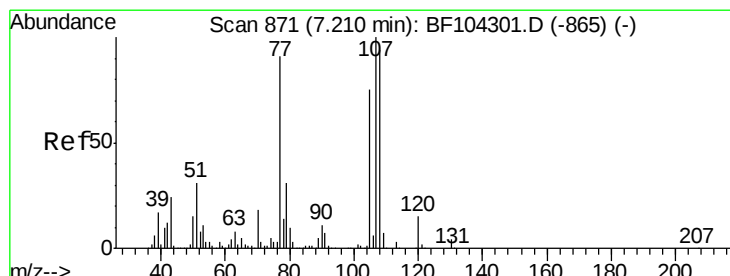
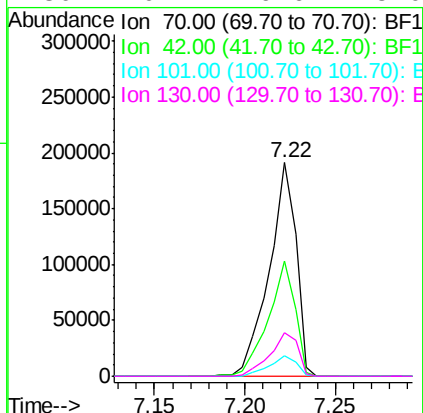
130 20.4 16.6 25.0

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#20

3+4-Methylphenols

Concen: 29.294 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion: 107 Resp: 289266

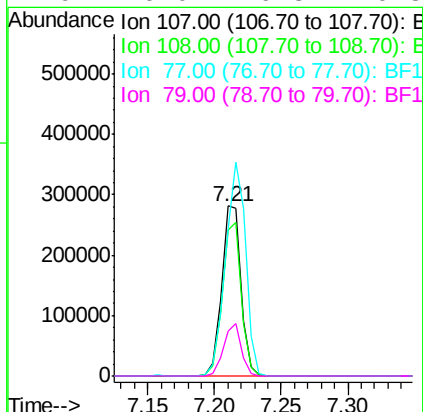
Ion Ratio Lower Upper

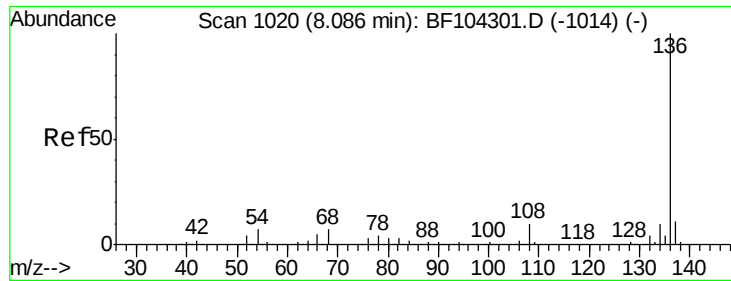
107 100

108 85.5 68.2 108.2

77 86.4 26.7 66.7#

79 26.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

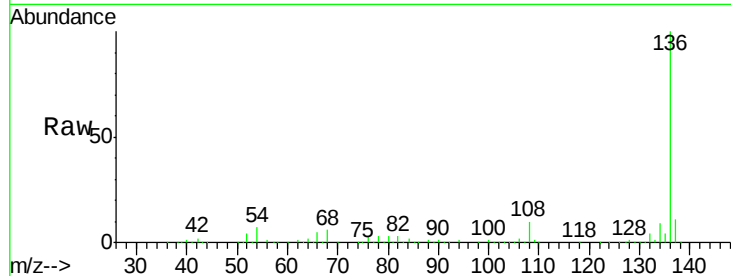
ClientSampleId :

PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	517033		
137	10.6	8.9	13.3	
54	7.0	6.6	9.8	
68	6.2	5.0	7.4	

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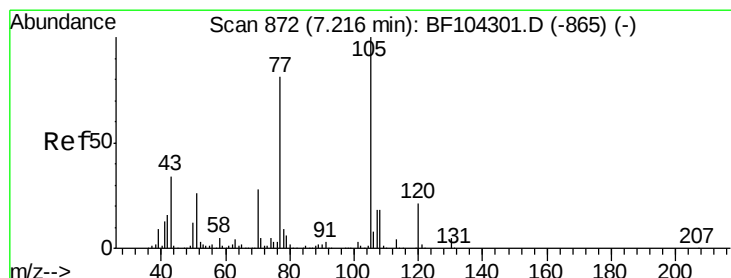
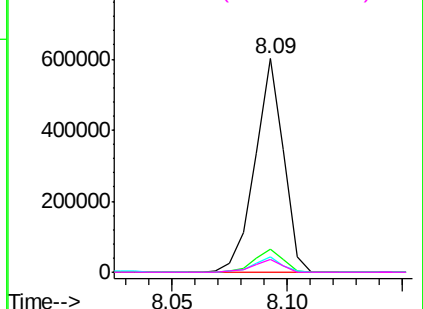
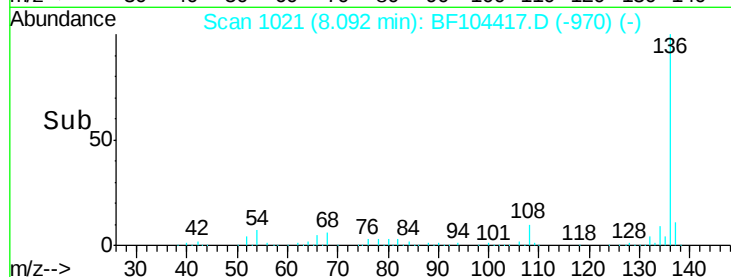


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 31.085 ng

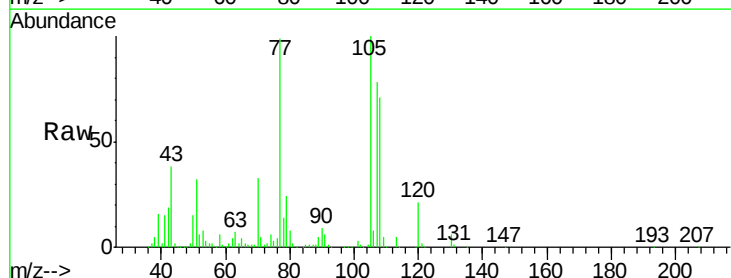
RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	395687		
71	5.5	4.4	6.6	
51	32.3	22.3	33.5	
120	21.0	16.9	25.3	

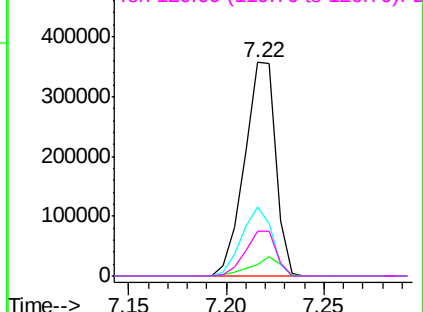
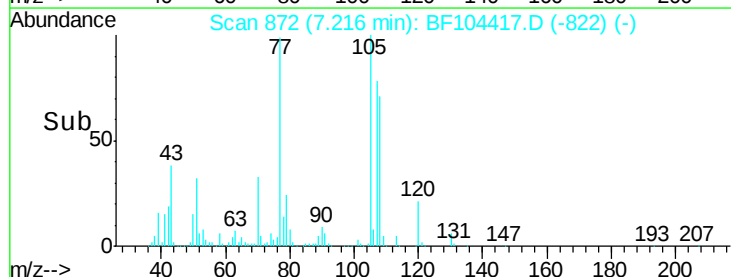


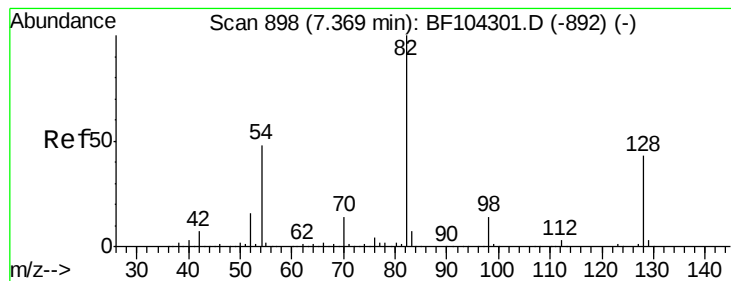
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.436 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

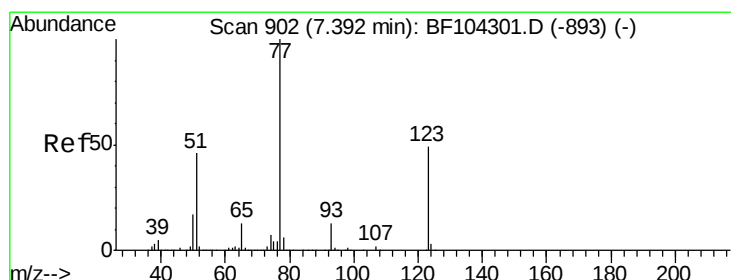
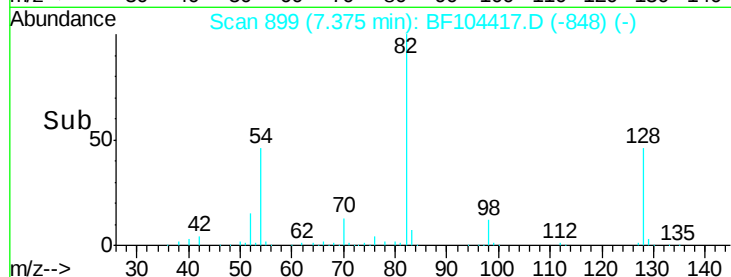
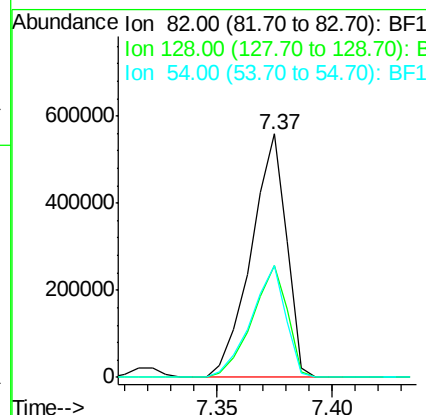
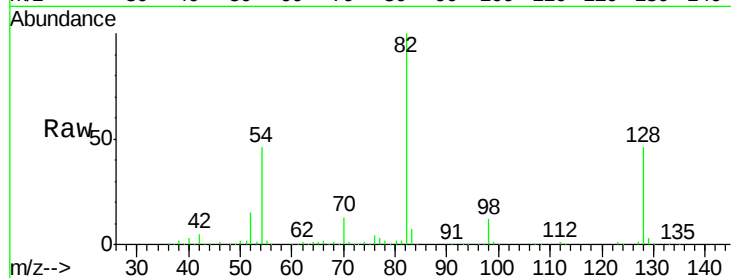
ClientSampled :

PB108119BS

Tot Ion:	82	Resp:	597304
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.1	54.1
54	45.7	41.4	62.2

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#24

Nitrobenzene

Concen: 33.909 ng

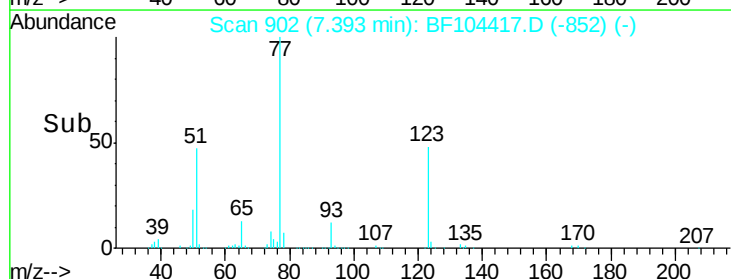
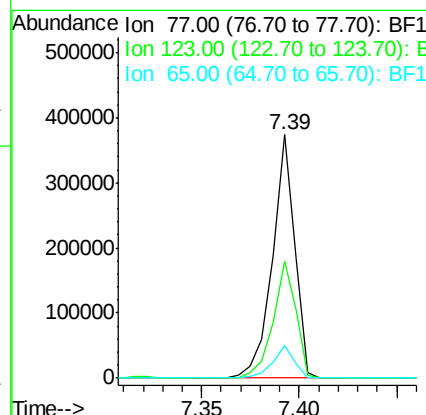
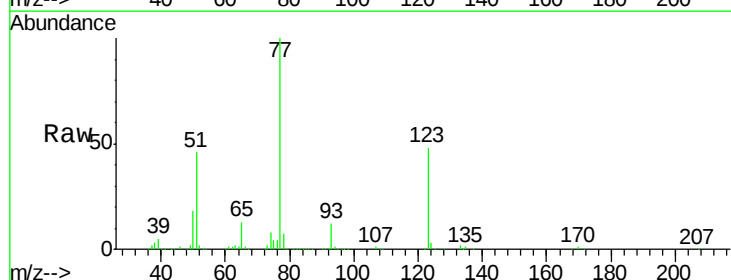
RT: 7.39 min Scan# 902

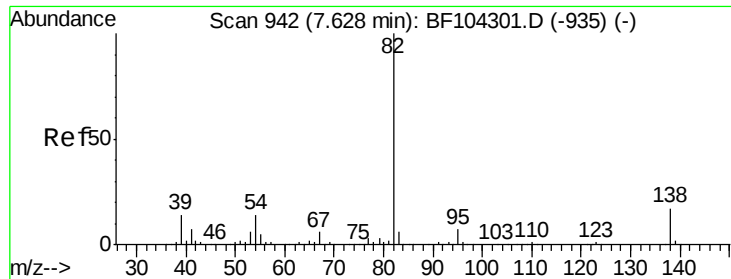
Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	77	Resp:	296433
Ion Ratio	Lower	Upper	
77	100		
123	47.9	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 28.727 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

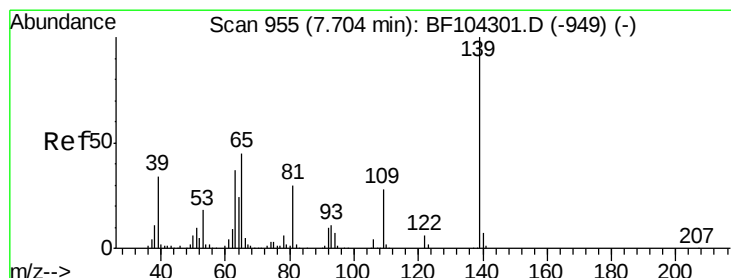
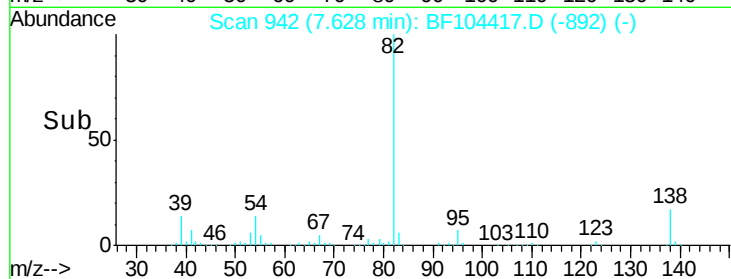
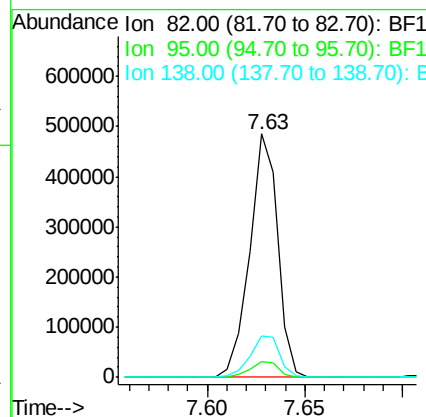
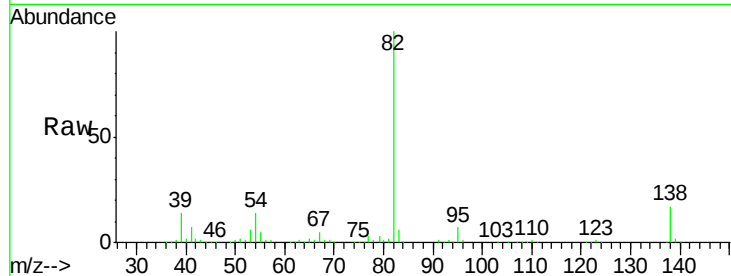
ClientSampleId :

PB108119BS

Tot Ion:	82	Resp:	481007
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	17.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 39.843 ng

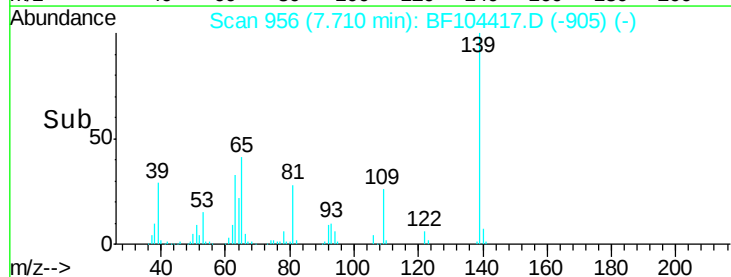
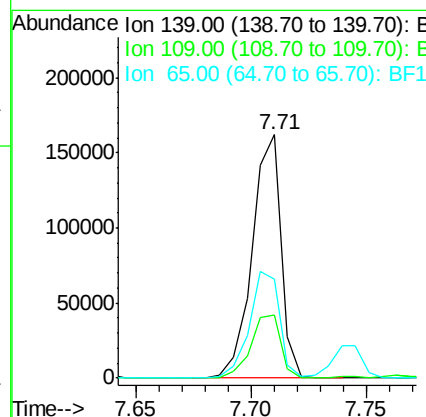
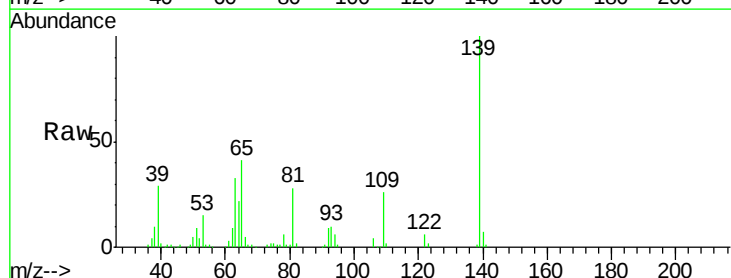
RT: 7.71 min Scan# 956

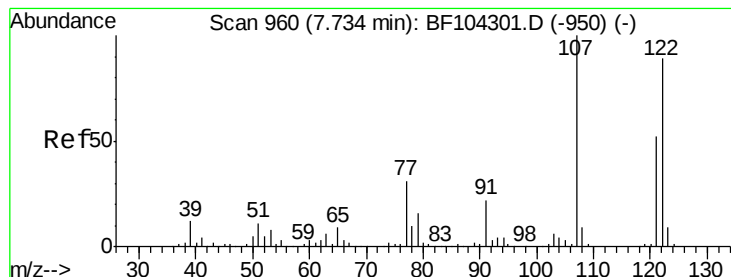
Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	139	Resp:	141797
Ion Ratio		Lower	Upper
139	100		
109	26.1	22.7	34.1
65	40.5	40.5	60.7





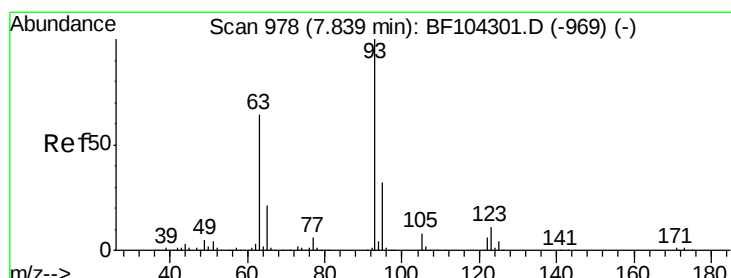
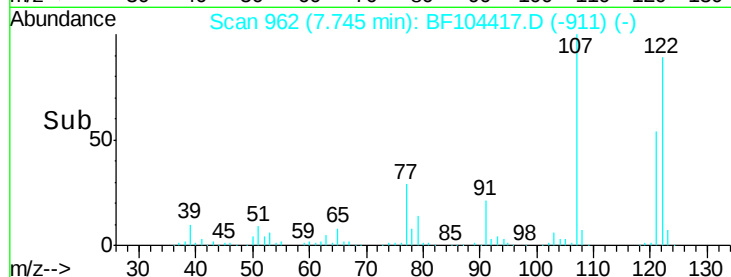
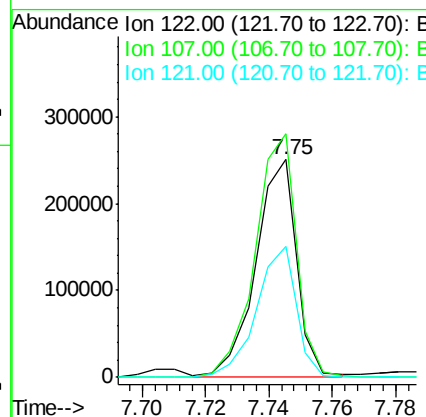
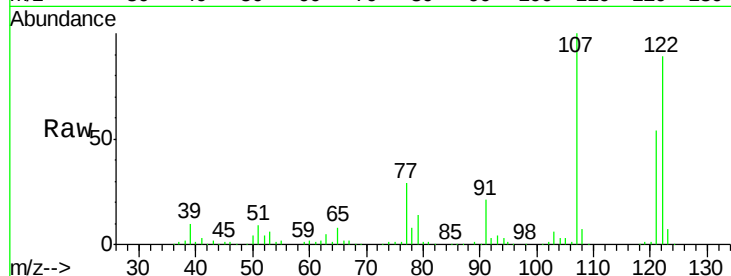
#27
 2,4-Dimethylphenol
 Concen: 30.556 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		225793		
107	111.7	91.2	136.8		
121	60.2	47.2	70.8		

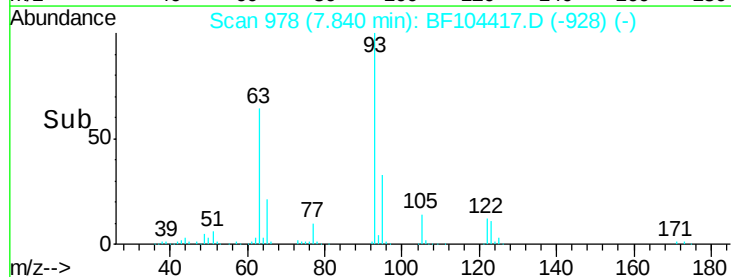
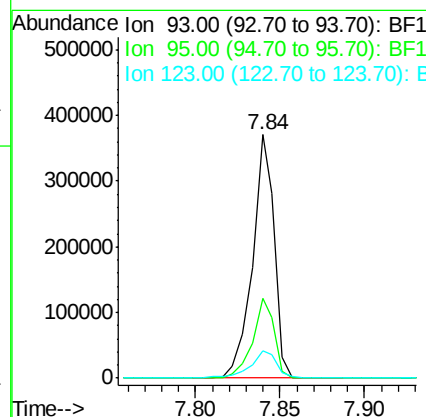
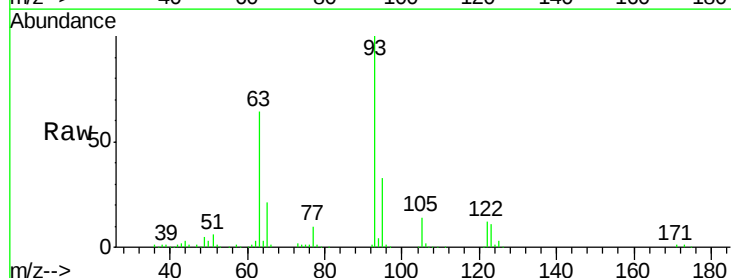
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#28
 bis(2-Chloroethoxy)methane
 Concen: 32.483 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		332543		
95	32.7	26.3	39.5		
123	11.2	9.8	14.6		





#29

2,4-Dichlorophenol

Concen: 32.143 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

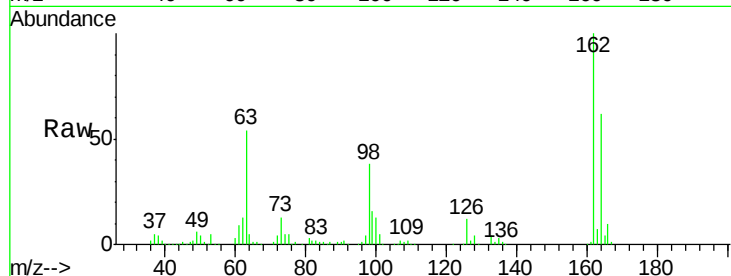
ClientSampleId :

PB108119BS

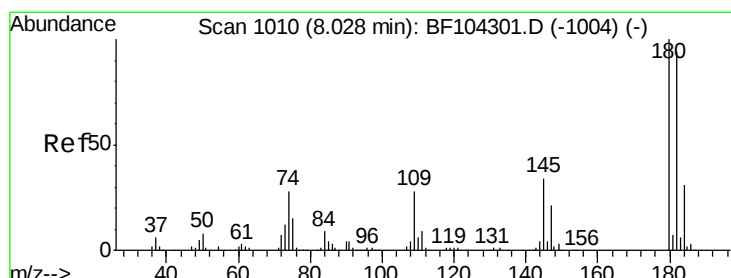
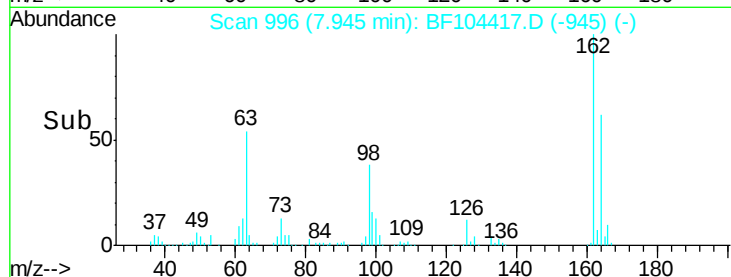
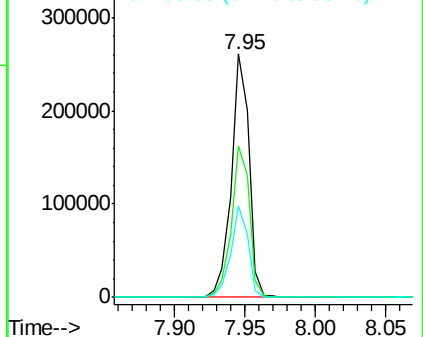
Tot Ion:	162	Resp:	226630
Ion Ratio	Lower	Upper	
162	100		
164	62.1	42.7	82.7
98	37.6	18.1	58.1

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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: 31.329 ng

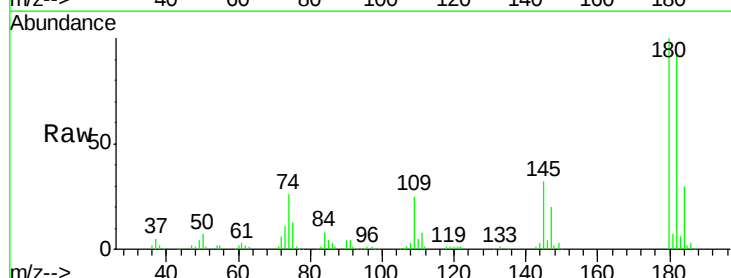
RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

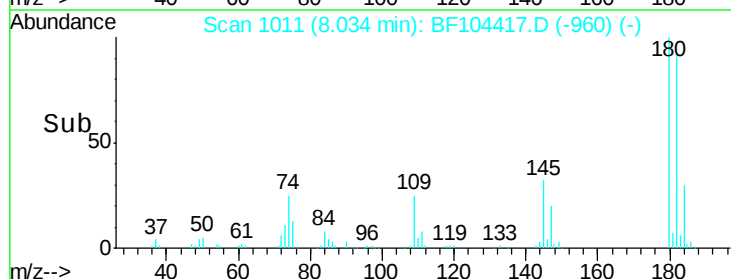
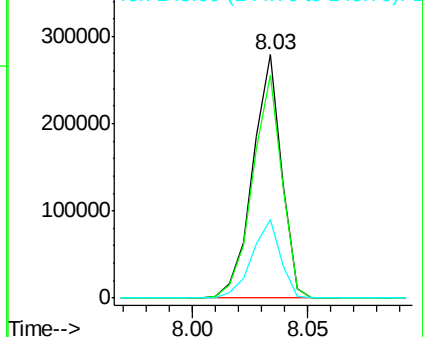
Lab File: BF104417.D

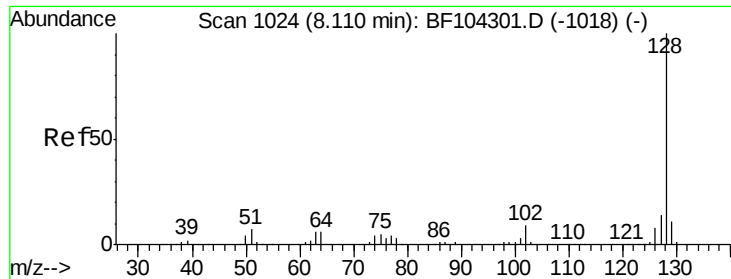
Acq: 10 Apr 2018 19:00

Tgt Ion:	180	Resp:	242421
Ion Ratio	Lower	Upper	
180	100		
182	91.9	76.8	115.2
145	32.0	26.5	39.7



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





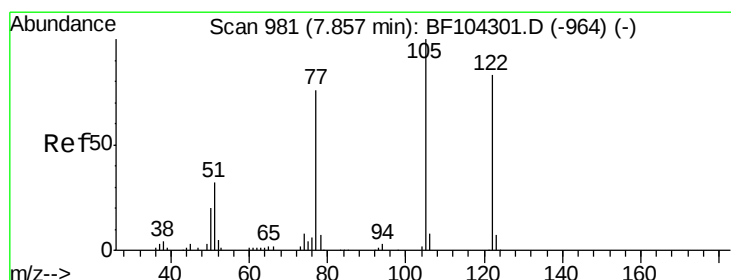
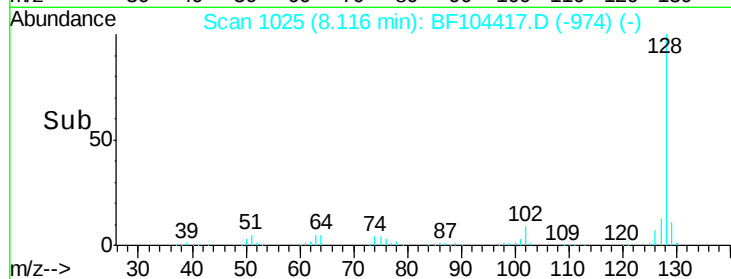
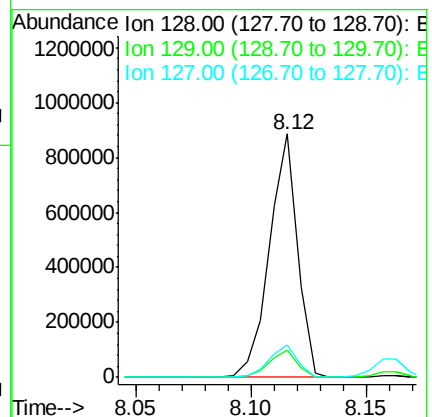
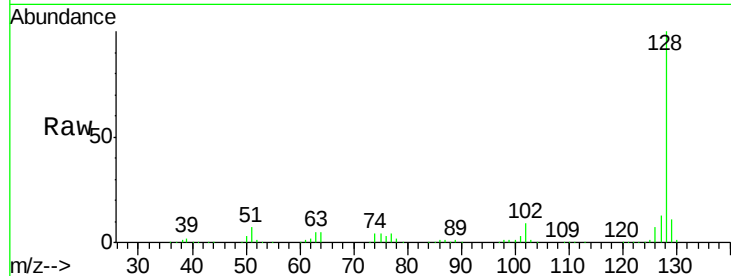
#31
Naphthalene
Concen: 29.199 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

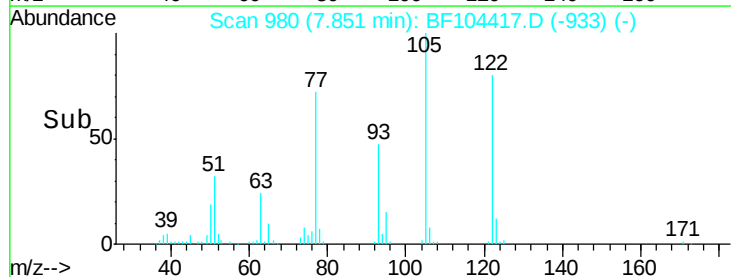
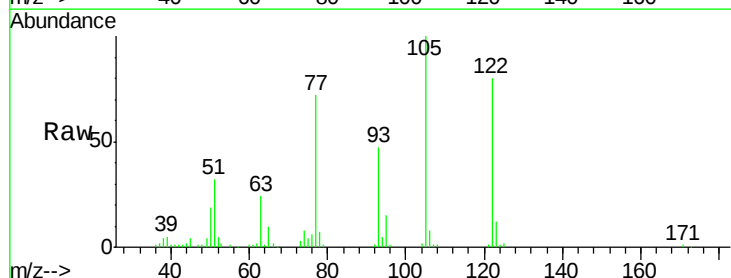
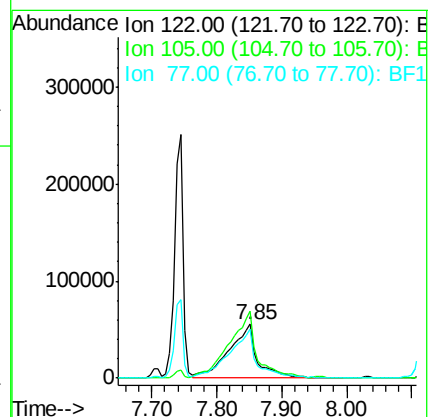
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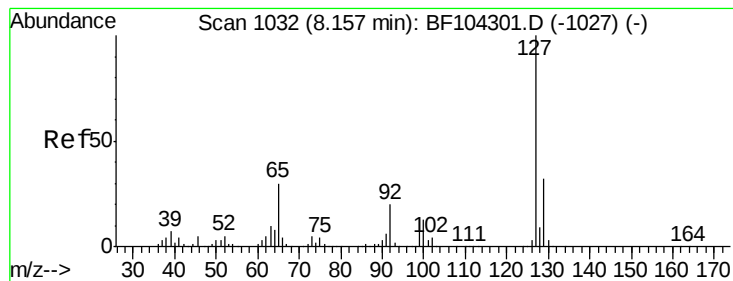
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#32
Benzoic acid
Concen: 28.499 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	101.1	141.1
77	90.0	70.7	110.7





#33

4-Chloroaniline

Concen: 6.276 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

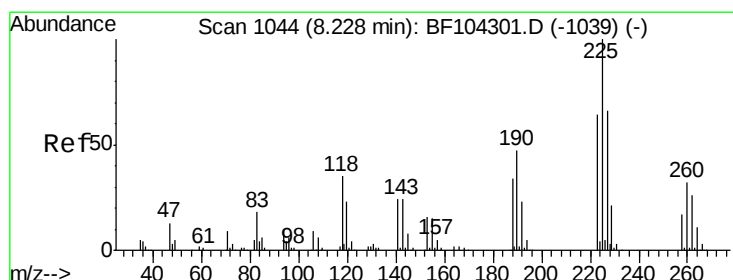
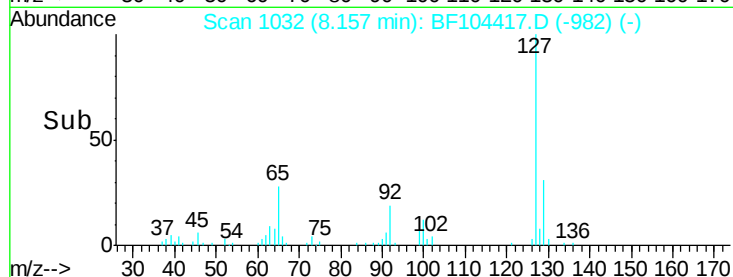
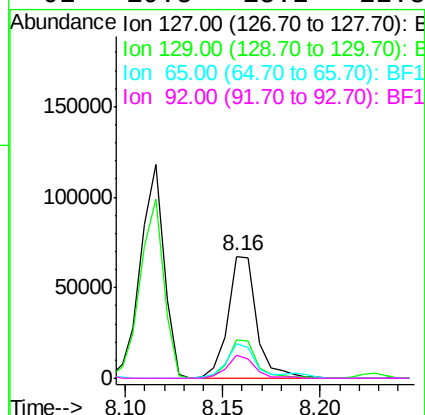
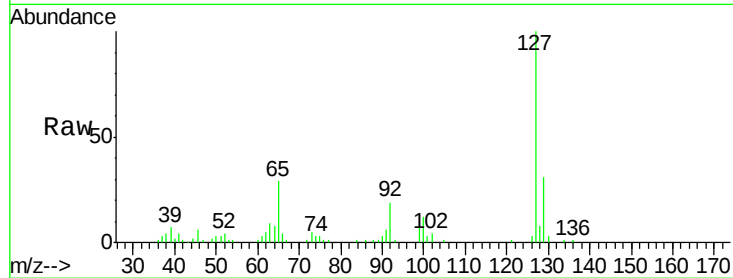
ClientSampleId :

PB108119BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		69220		
129	31.1	25.9	38.9		
65	28.6	25.0	37.4		
92	19.5	15.2	22.8		

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#34

Hexachlorobutadiene

Concen: 32.059 ng

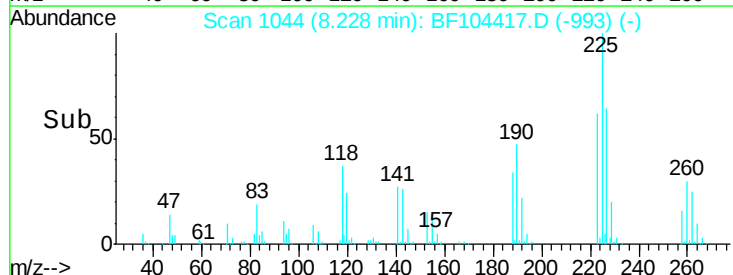
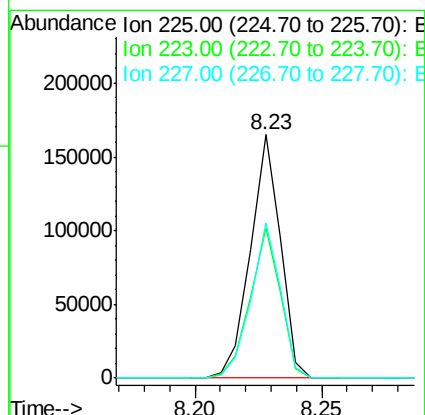
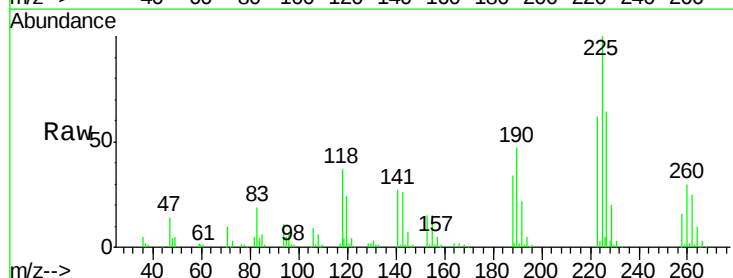
RT: 8.23 min Scan# 1044

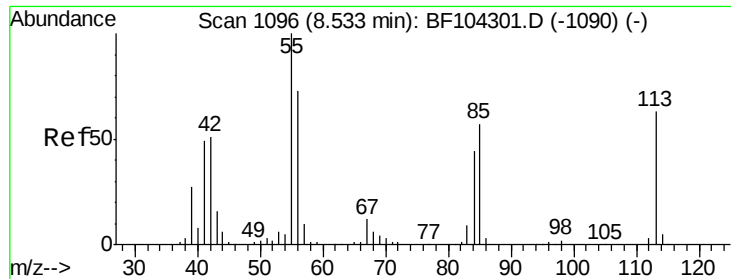
Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		135879		
223	61.8	50.6	76.0		
227	64.0	51.9	77.9		





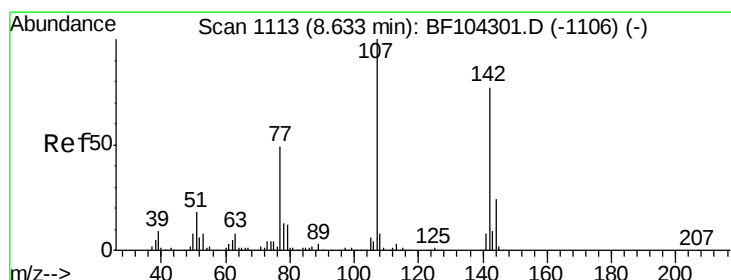
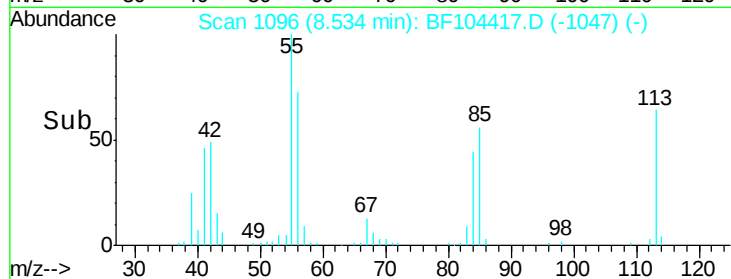
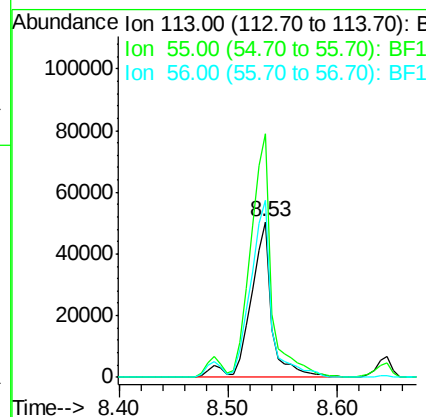
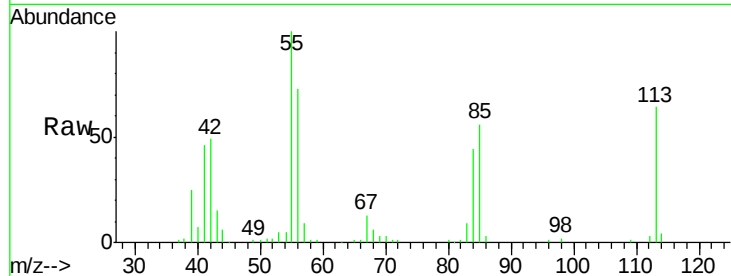
#35
 Caprolactam
 Concen: 27.710 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleID :
 PB108119BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.6	163.3	203.3#
56	113.6	115.7	155.7#

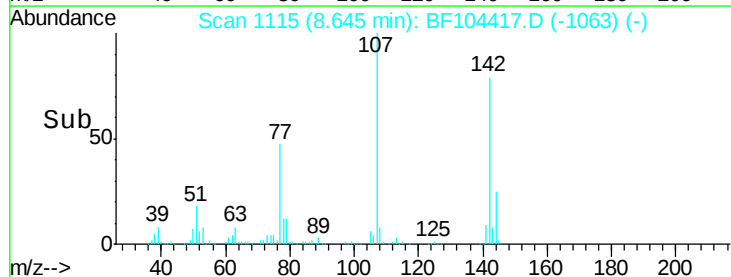
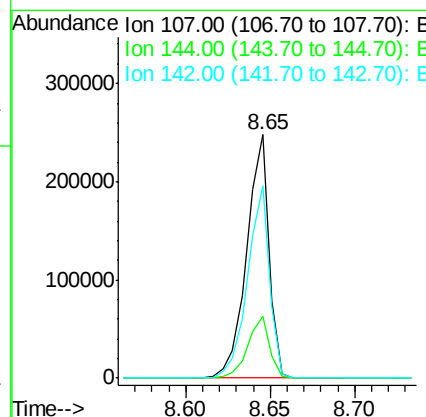
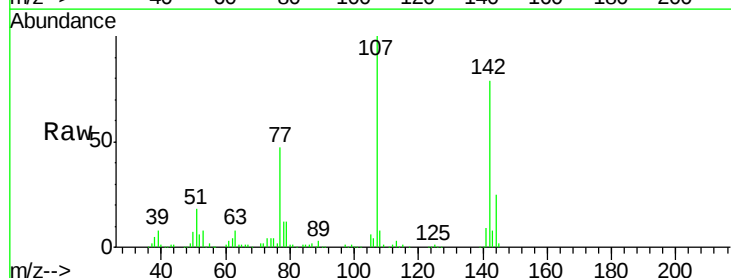
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#36
 4-Chloro-3-methylphenol
 Concen: 30.238 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.5	30.7
142	79.3	62.0	93.0





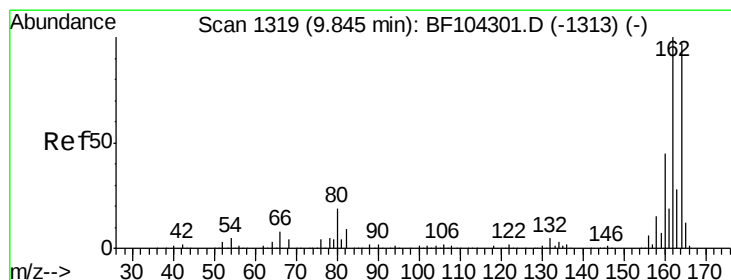
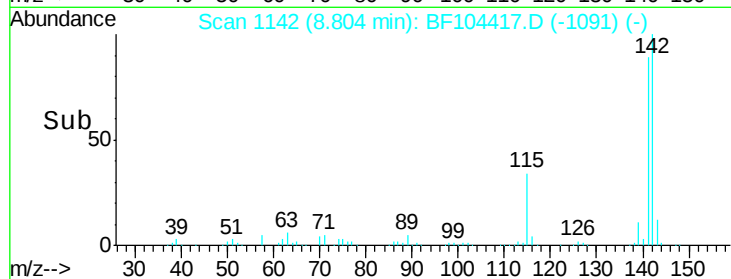
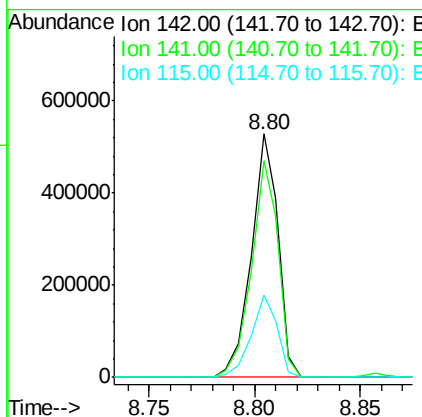
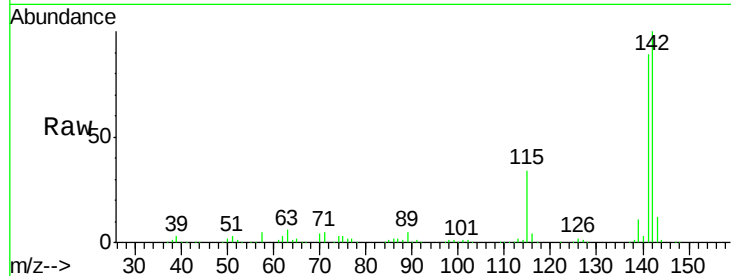
#37
2-Methylnaphthalene
Concen: 27.890 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	33.6	26.1	39.1

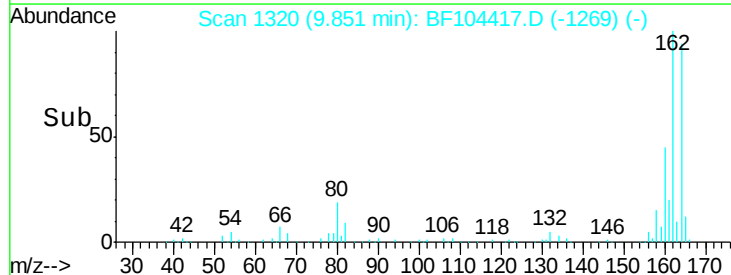
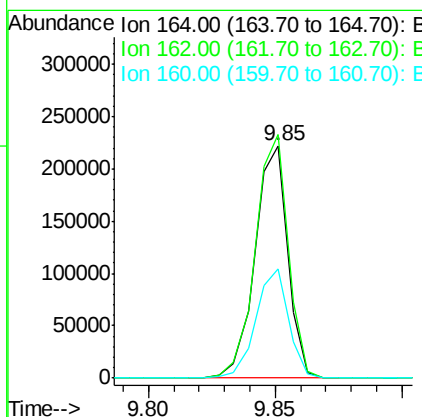
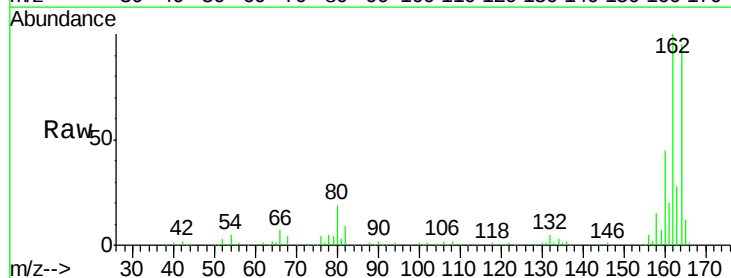
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.1	38.3	57.5





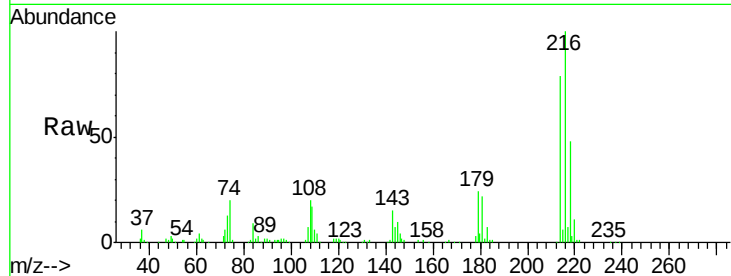
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.662 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

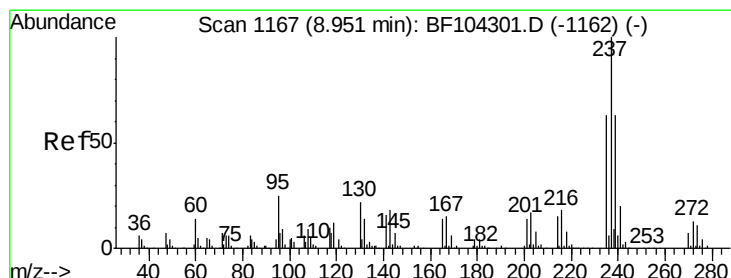
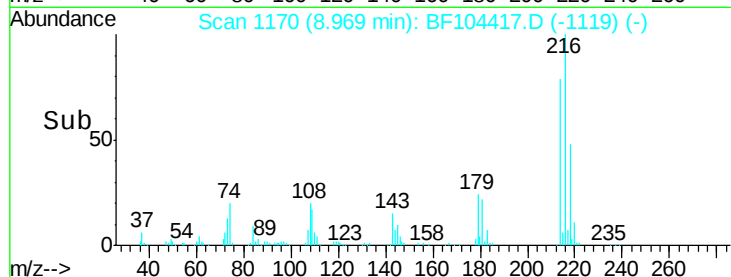
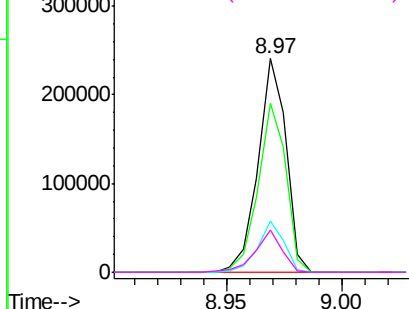
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.4	18.1	27.1
108	19.4	17.2	25.8

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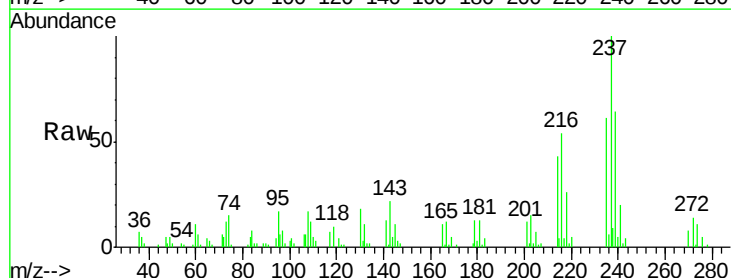


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

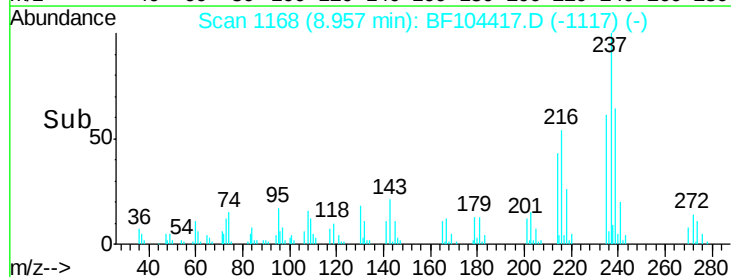
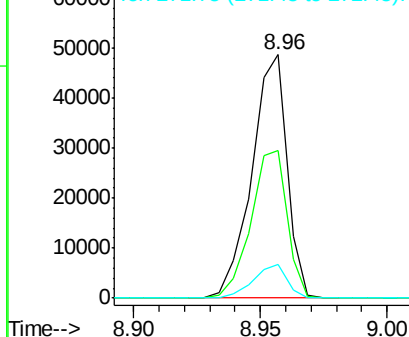


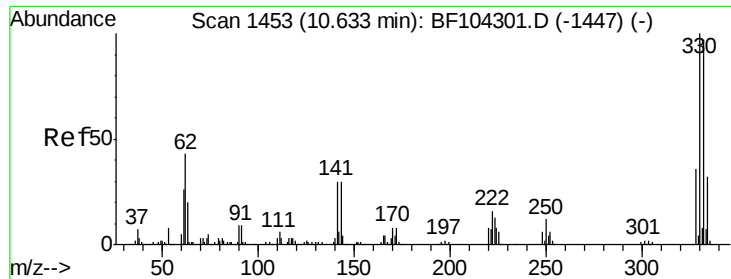
#40
 Hexachlorocyclopentadiene
 Concen: 14.746 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.8	44.8	84.8
272	13.8	0.0	33.3



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





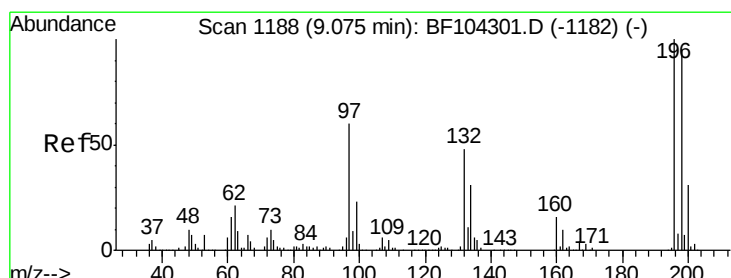
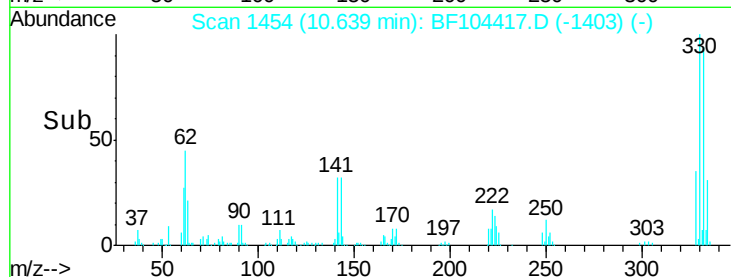
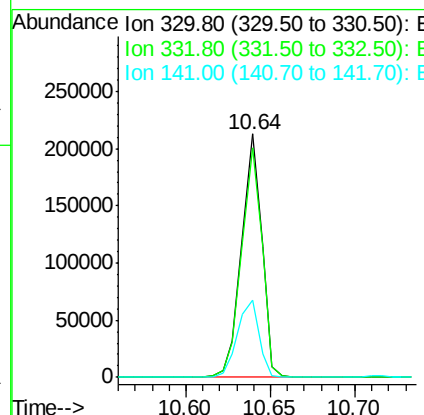
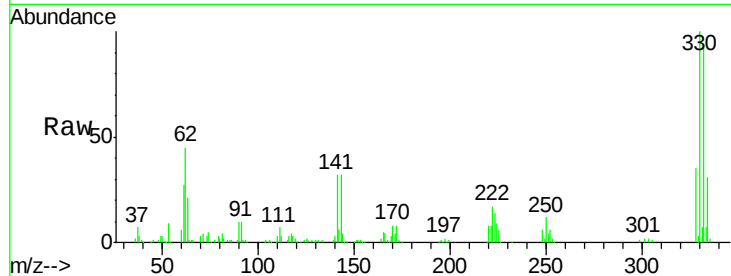
#41
 2,4,6-Tribromophenol
 Concen: 85.304 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	177095		
332	96.1	77.0	115.6	
141	33.8	29.9	44.9	

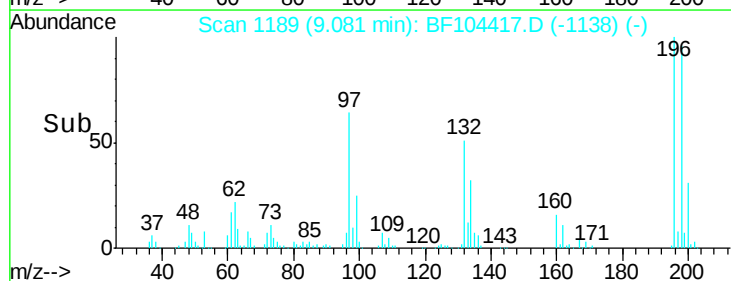
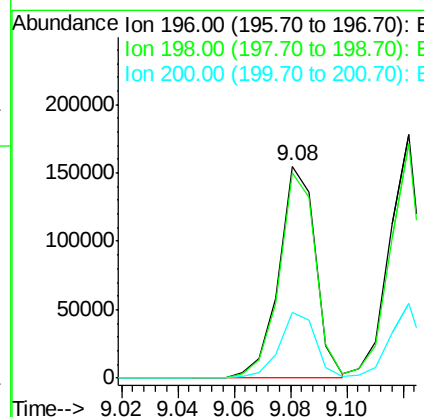
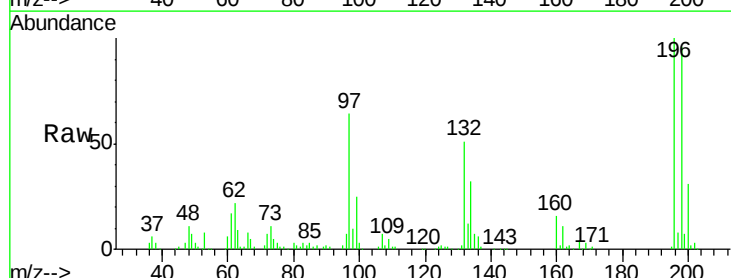
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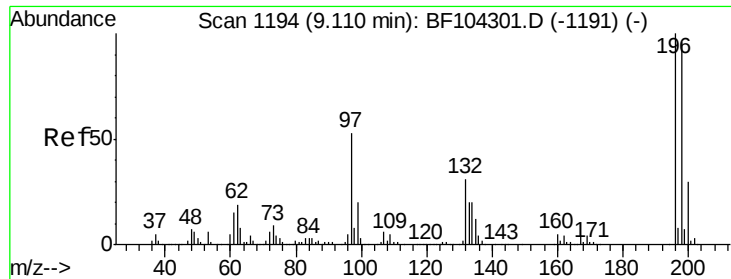
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#42
 2,4,6-Trichlorophenol
 Concen: 35.053 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139405		
198	96.5	75.7	113.5	
200	30.7	24.5	36.7	





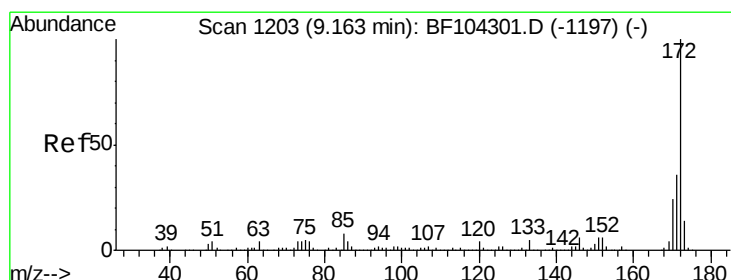
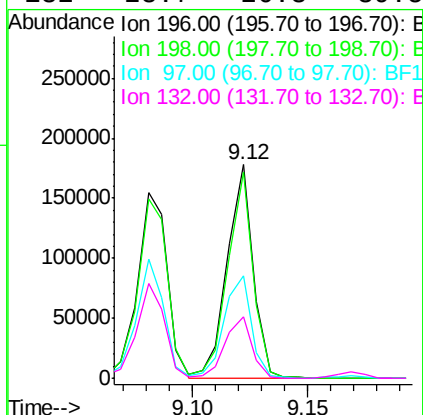
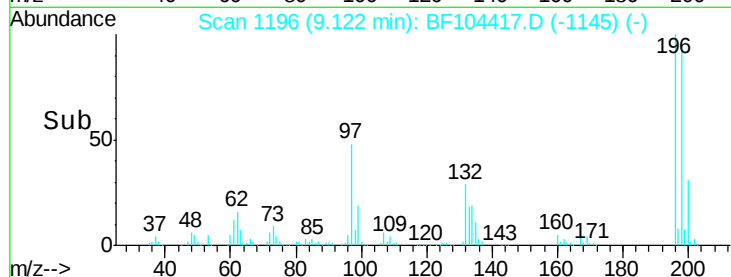
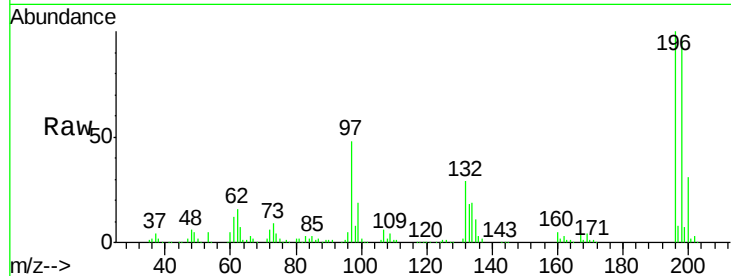
#43
2,4,5-Trichlorophenol
Concen: 31.464 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		140026		
198	96.4		74.6	112.0	
97	48.3		42.9	64.3	
132	28.7		26.3	39.5	

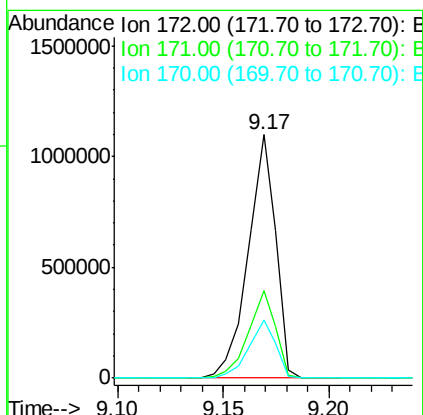
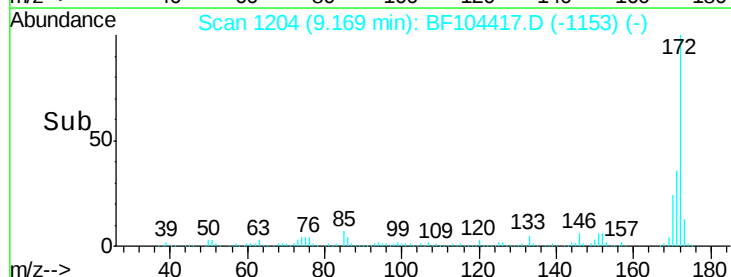
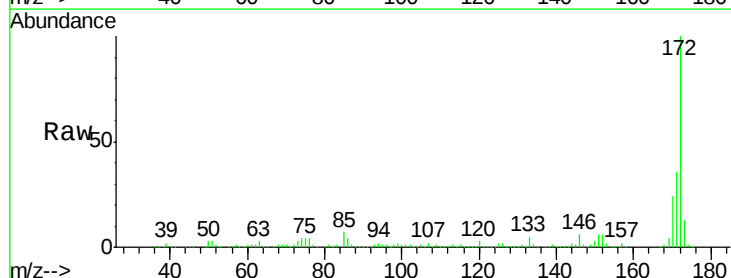
Manual Integrations
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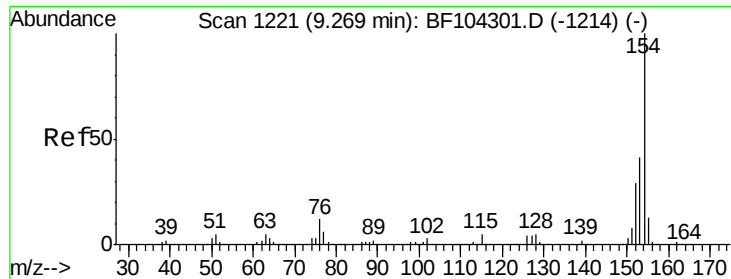
Sohil
4/11/2018 5:17:09 PM



#44
2-Fluorobiphenyl
Concen: 78.668 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		996626		
171	36.1		29.7	44.5	
170	24.1		19.6	29.4	





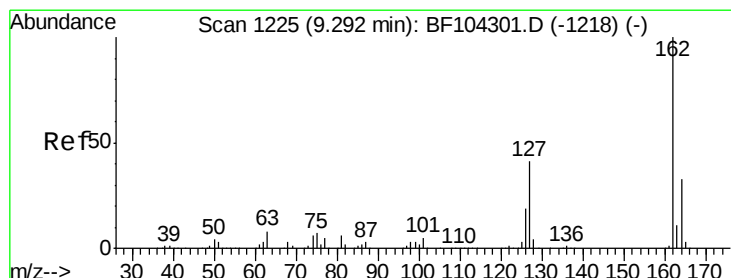
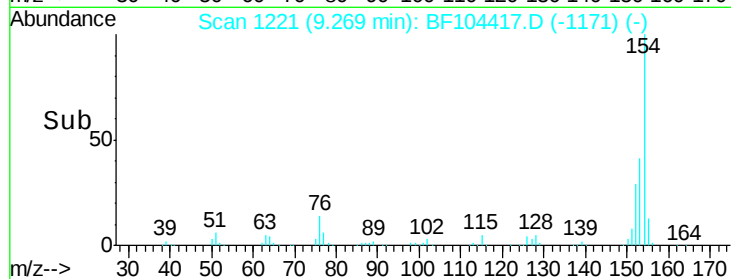
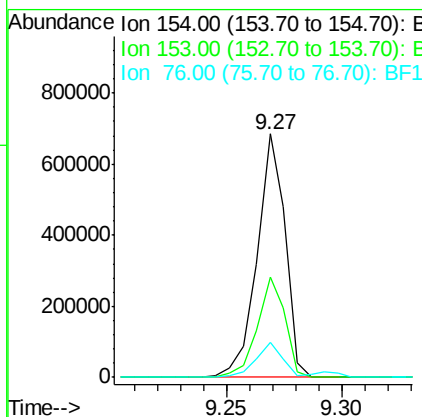
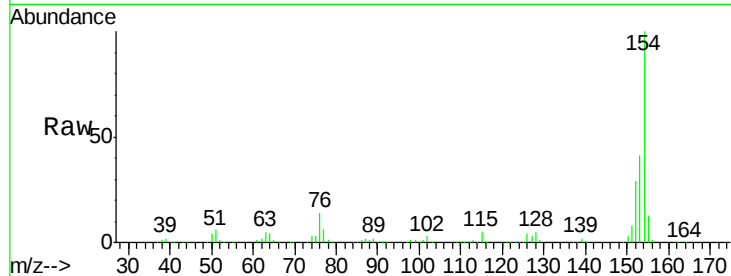
#45
1,1'-Biphenyl
Concen: 34.448 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	14.2	0.0	34.0

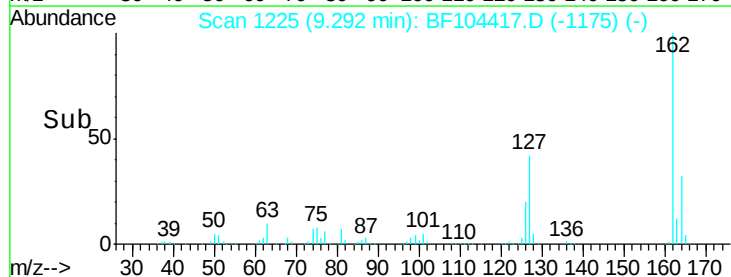
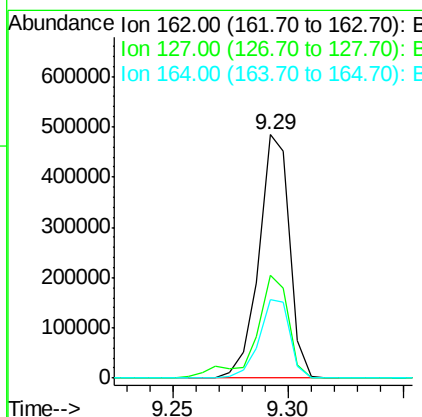
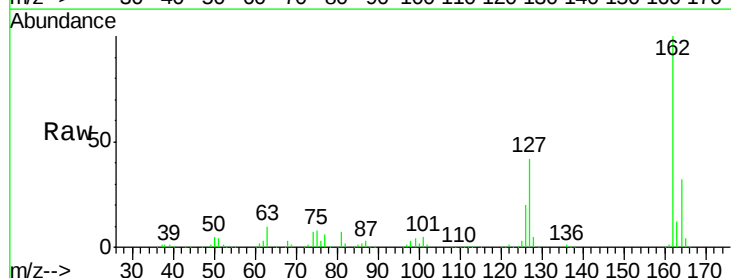
Manual Integrations
APPROVED

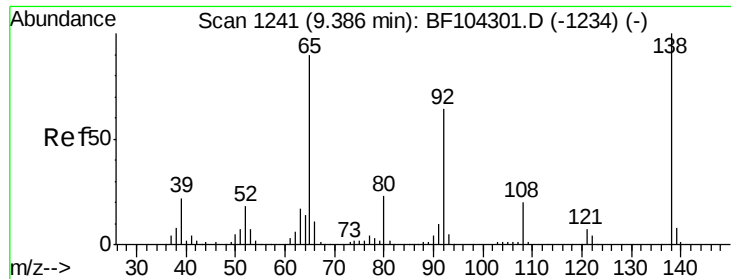
Sohil
4/11/2018 5:17:09 PM



#46
2-Chloronaphthalene
Concen: 33.683 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	32.5	26.5	39.7





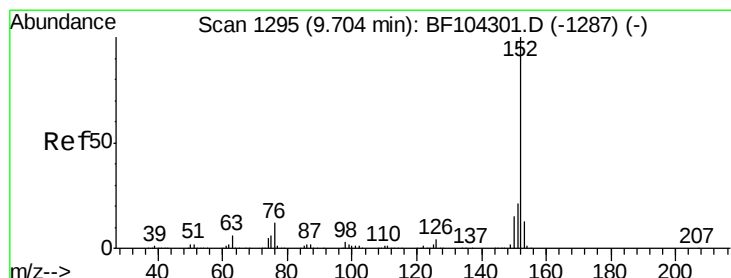
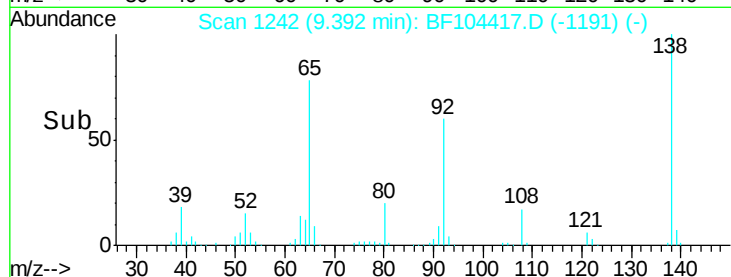
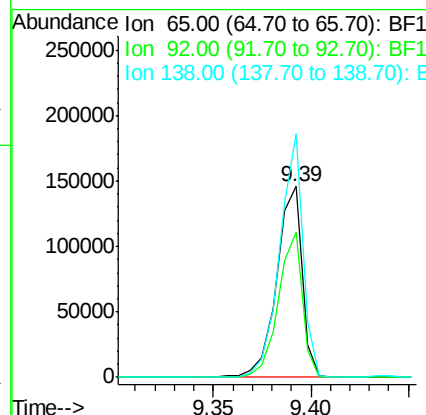
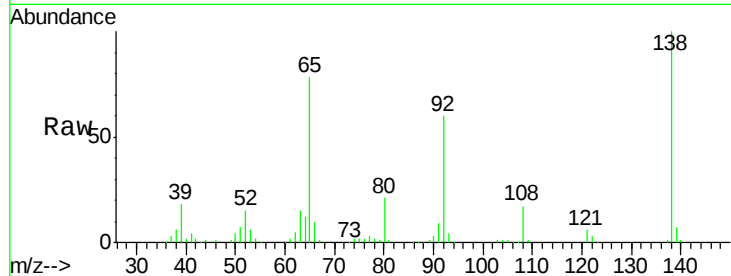
#47
2-Nitroaniline
Concen: 40.118 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.2	55.8	83.6
138	127.7	91.2	136.8

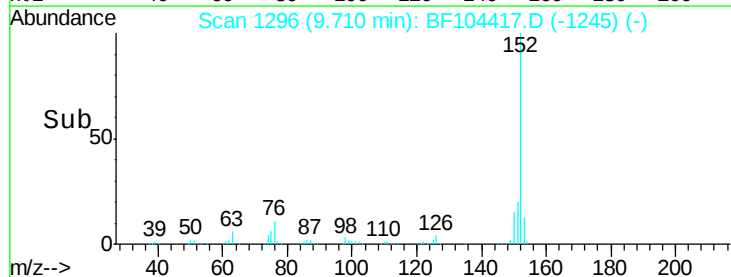
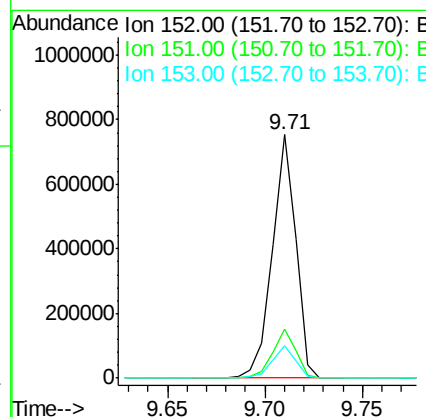
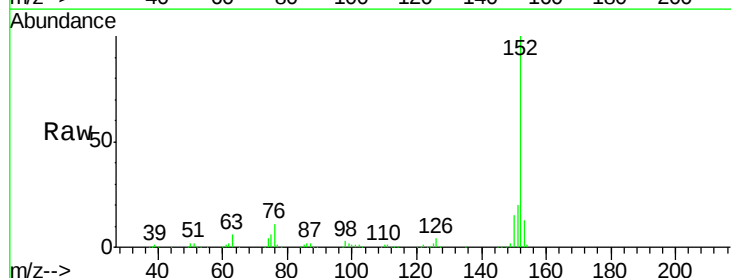
Manual Integrations
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4/11/2018 5:17:09 PM



#48
Acenaphthylene
Concen: 30.125 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.3	10.7	16.1





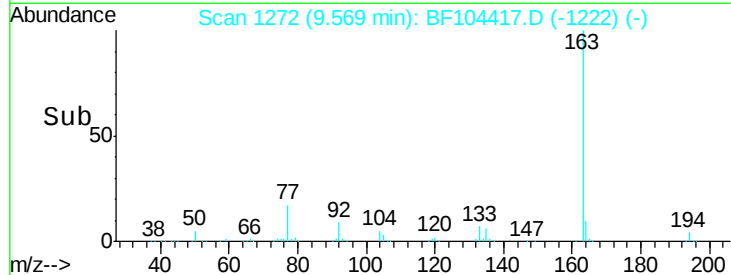
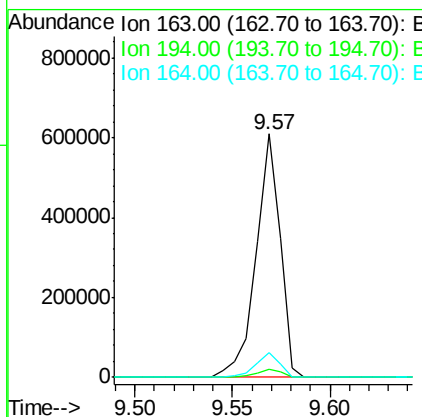
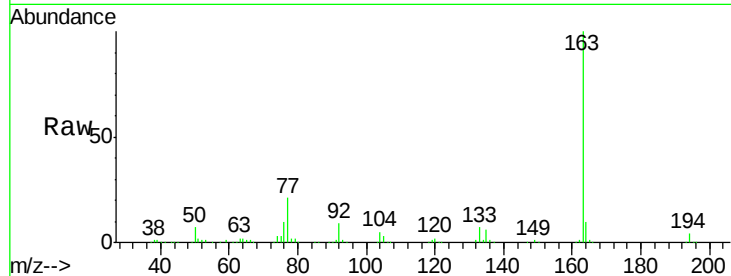
#49
Dimethylphthalate
Concen: 33.194 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	523880		
194	3.5		2.7	4.1
164	10.4		8.2	12.2

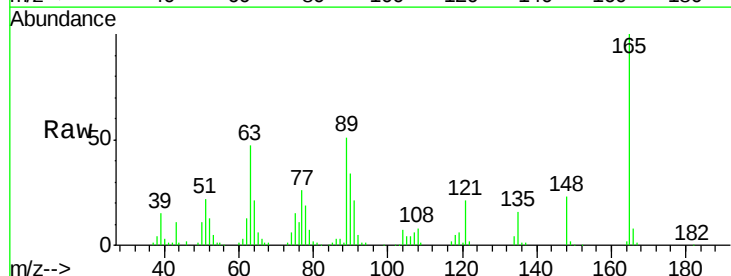
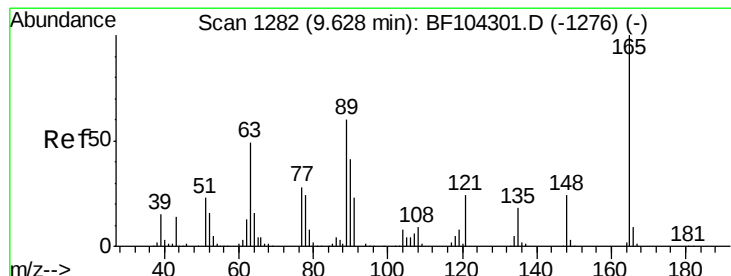
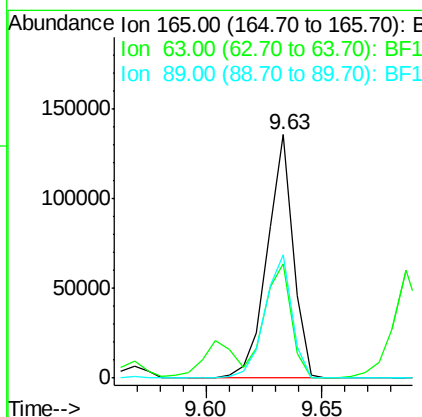
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 36.347 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106143		
63	46.8		44.7	67.1
89	50.6		44.0	66.0





#51

Acenaphthene

Concen: 29.587 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

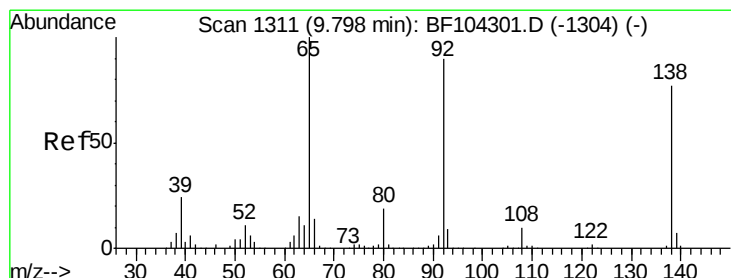
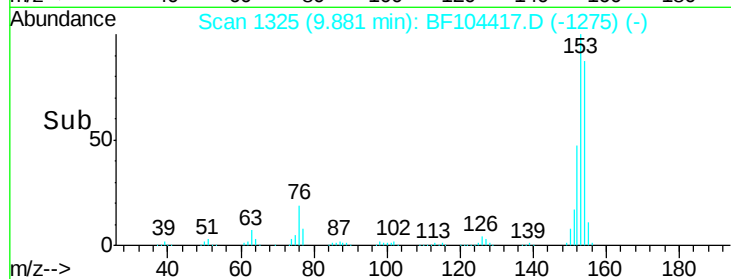
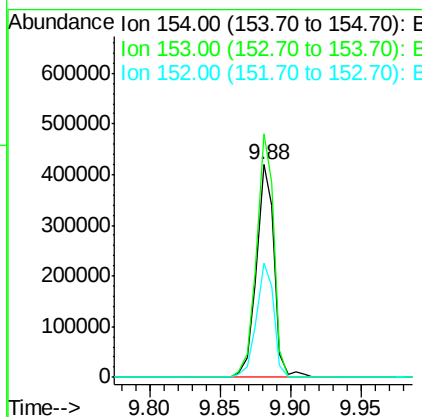
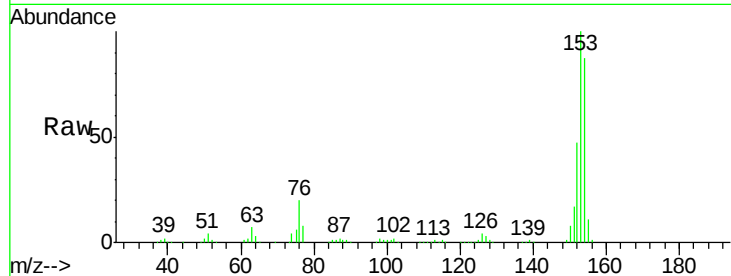
ClientSampleId :

PB108119BS

Tot Ion:	154	Resp:	376123
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	53.8	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 20.432 ng

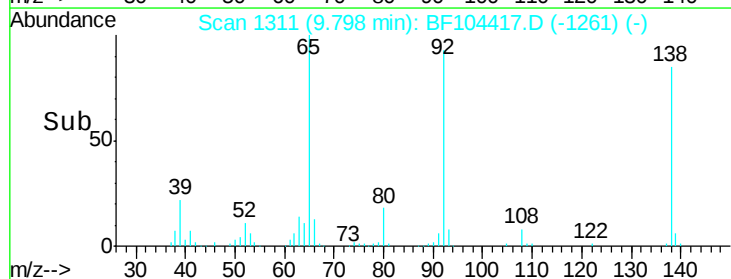
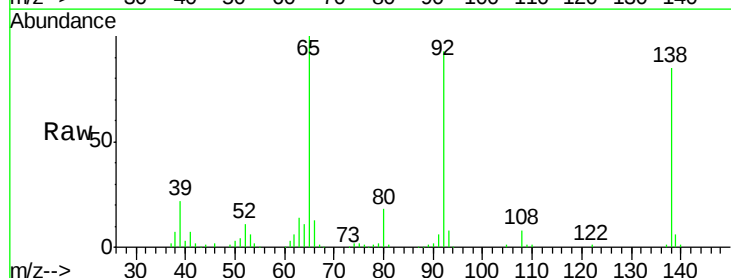
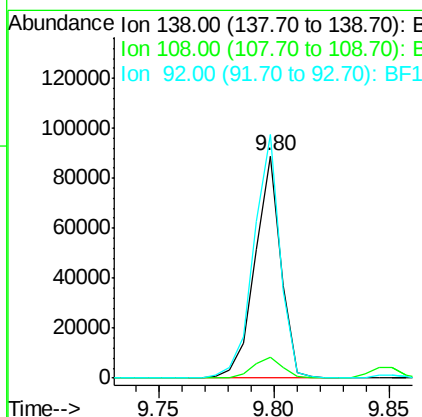
RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	138	Resp:	69852
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.4	14.0
92	109.7	89.4	134.2





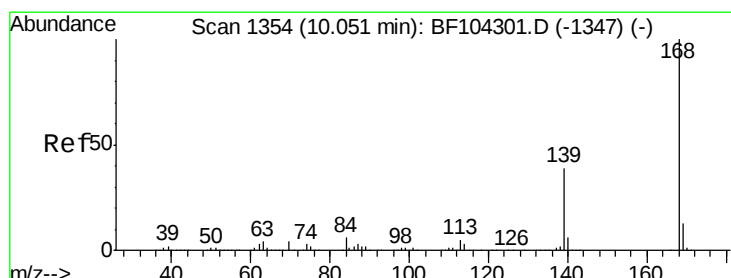
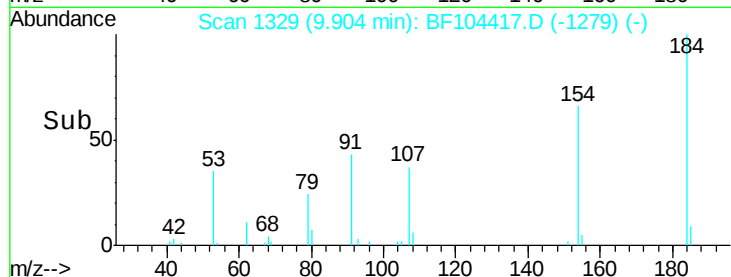
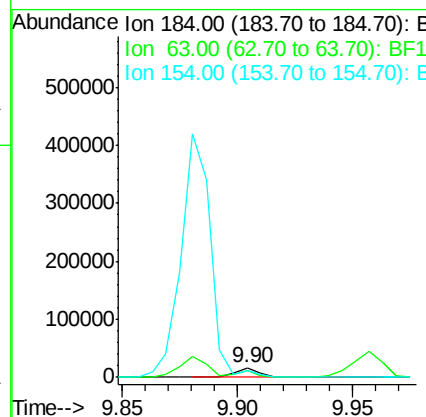
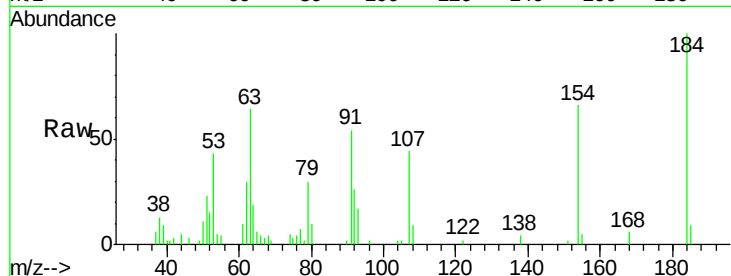
#53
 2,4-Dinitrophenol
 Concen: 19.533 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.7	54.2	81.2
154	65.9	184.0	276.0#

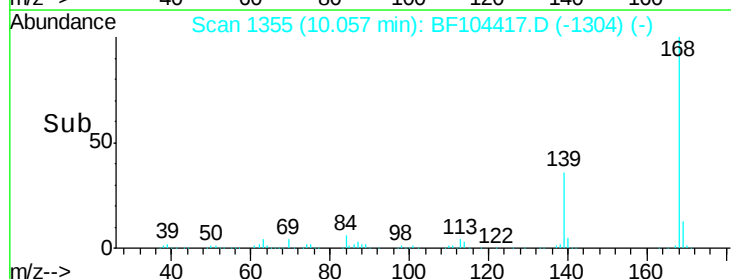
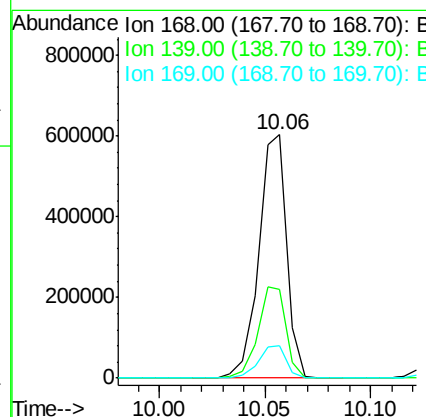
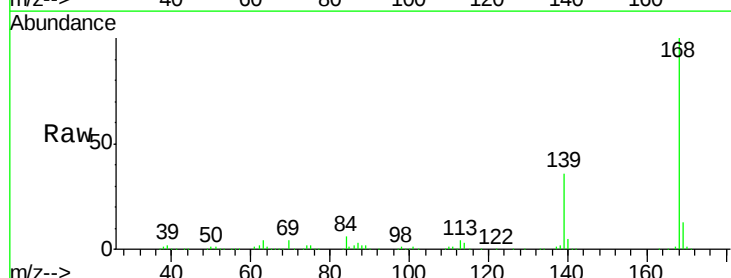
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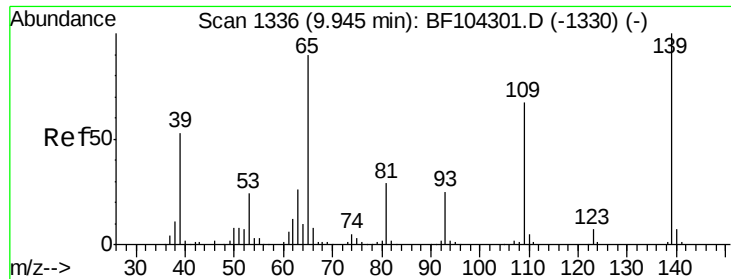
Sohil
 4/11/2018 5:17:09 PM



#54
 Dibenzofuran
 Concen: 31.240 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	13.2	10.9	16.3





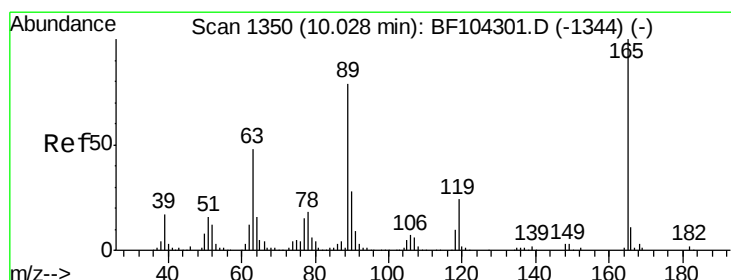
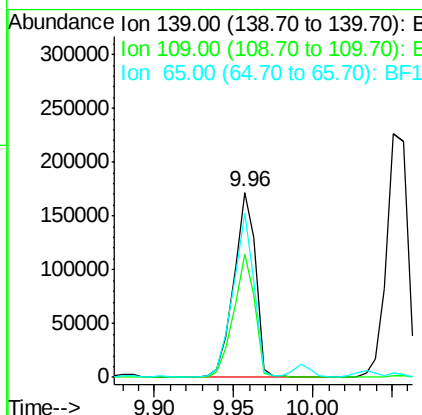
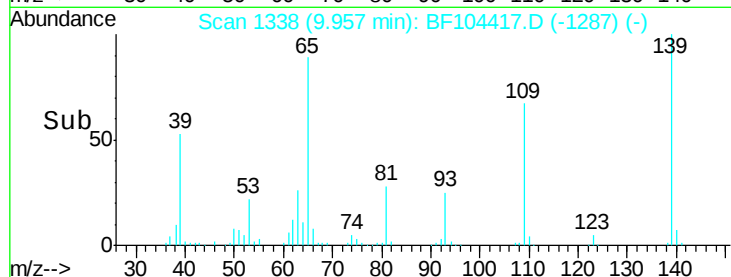
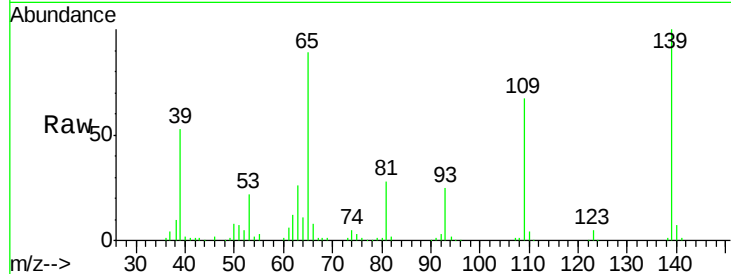
#55
4-Nitrophenol
Concen: 60.989 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	163791		
109	66.9	48.4	88.4	
65	89.1	72.6	112.6	

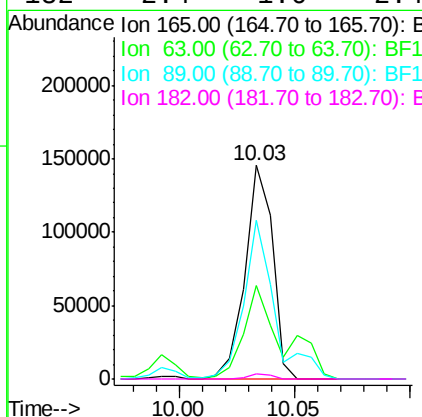
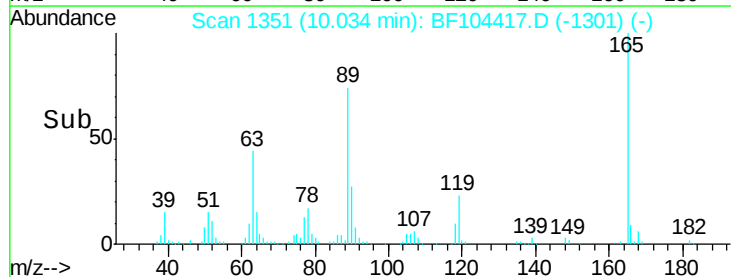
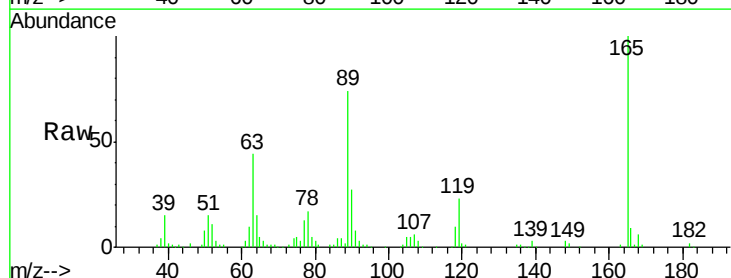
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 31.885 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122139		
63	43.6	36.4	54.6	
89	74.3	57.8	86.6	
182	2.4	1.6	2.4	





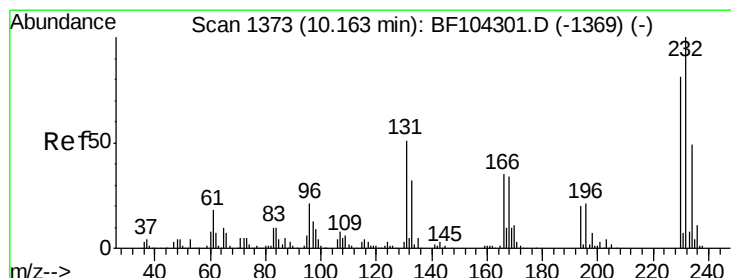
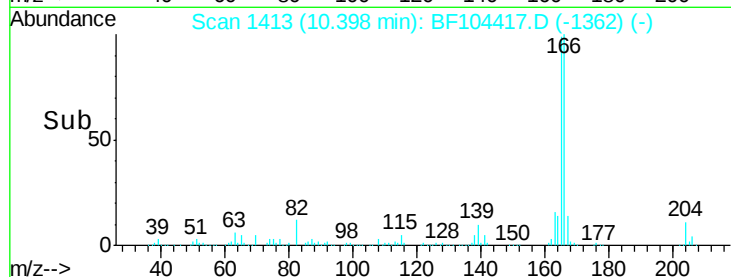
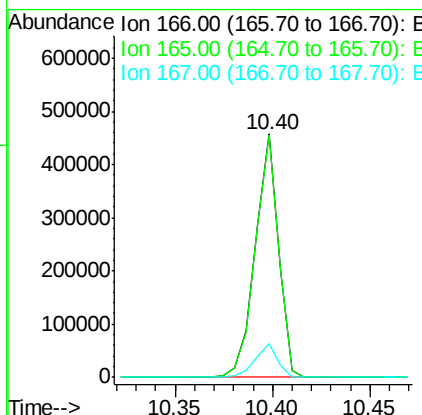
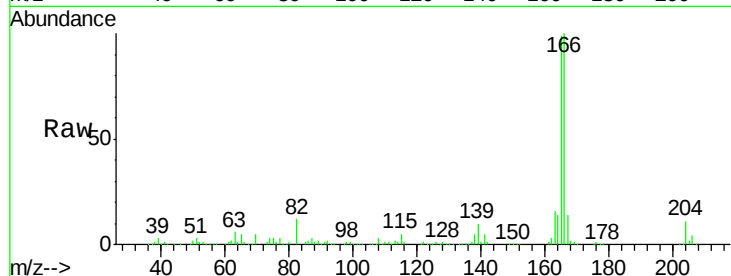
#57
 Fluorene
 Concen: 29.171 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	376164		
165	99.3	79.8	119.8	
167	13.6	10.6	16.0	

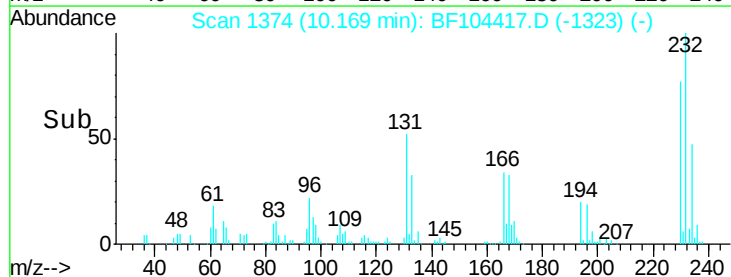
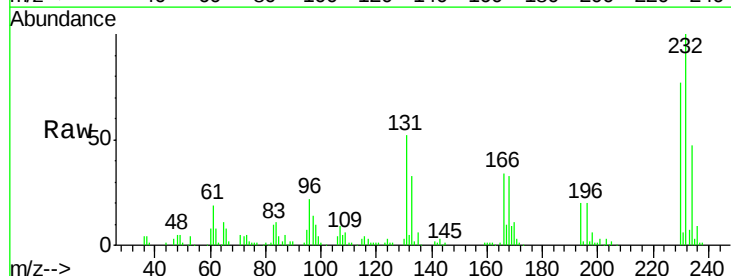
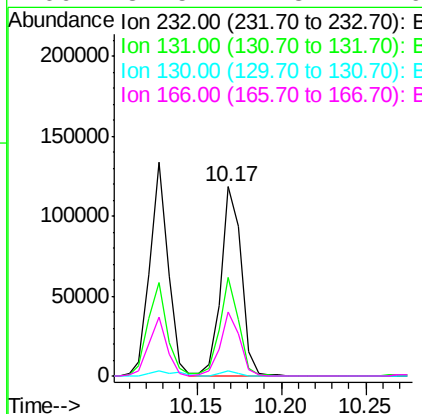
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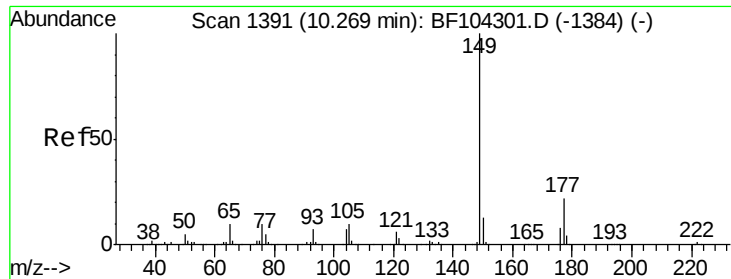
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.295 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	100583		
131	48.0	43.8	65.8	
130	2.5	2.1	3.1	
166	32.5	27.8	41.6	





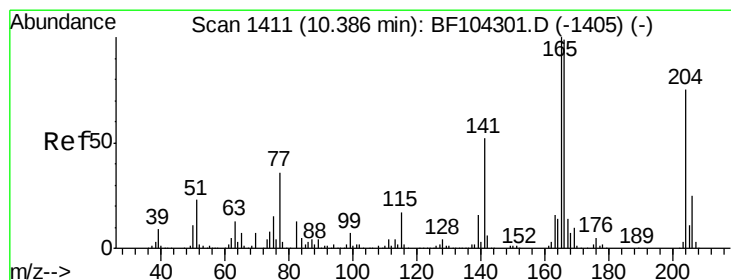
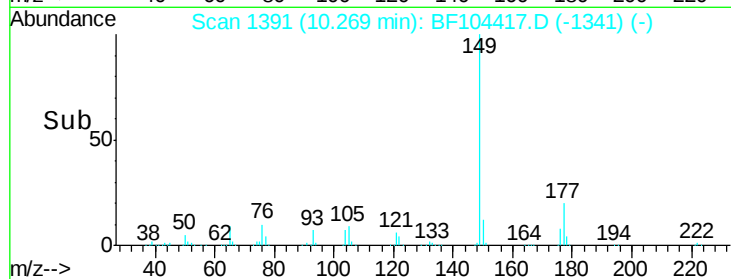
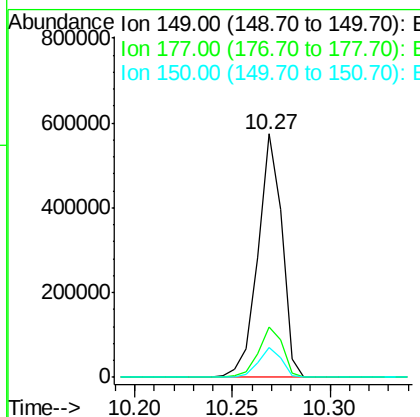
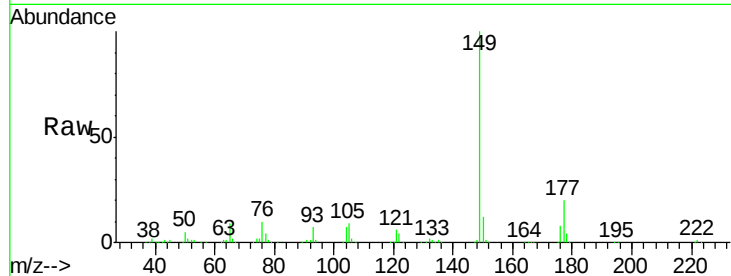
#59
Diethylphthalate
Concen: 31.201 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	490411		
177	20.5	16.1	24.1	
150	12.5	10.1	15.1	

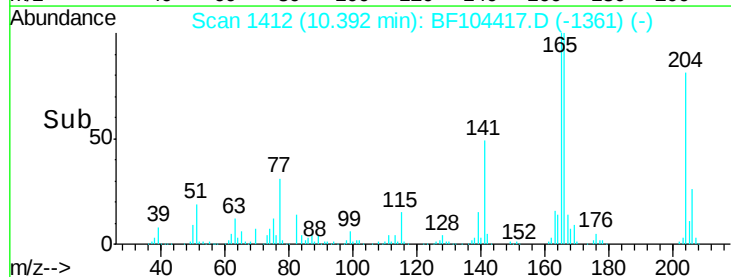
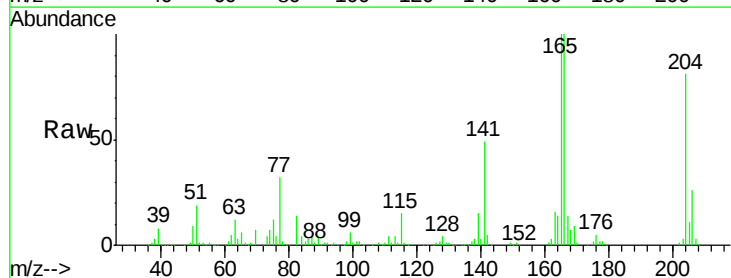
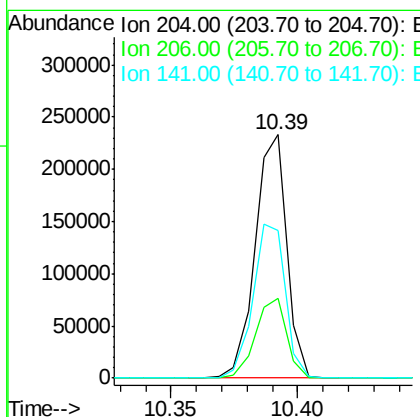
Manual Integrations
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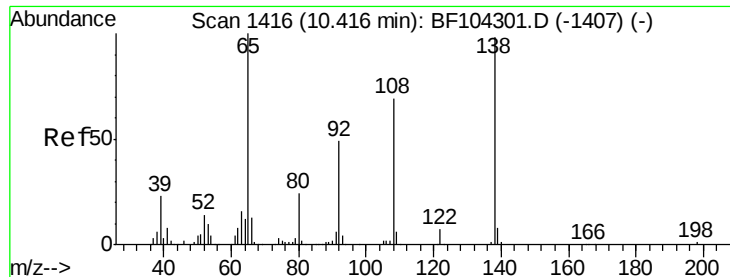
Sohil
4/11/2018 5:17:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.255 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	202466		
206	32.7	26.5	39.7	
141	60.5	54.6	81.8	





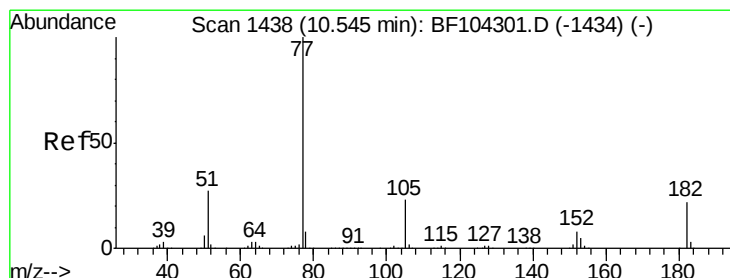
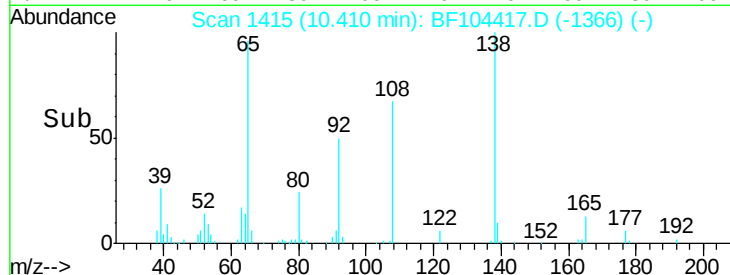
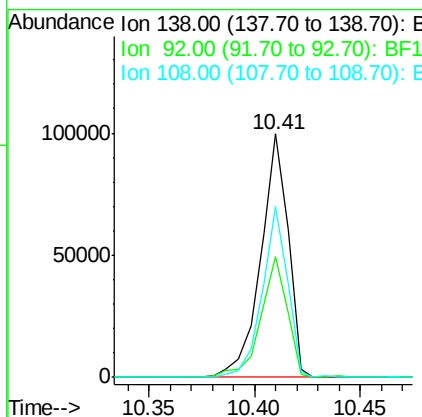
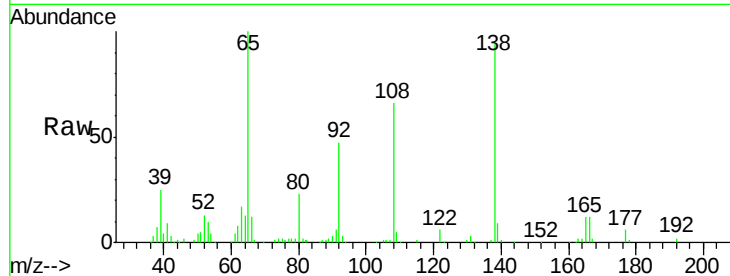
#61
4-Nitroaniline
Concen: 26.970 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampled :
PB108119BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.7	30.2	70.2
108	70.3	52.5	92.5

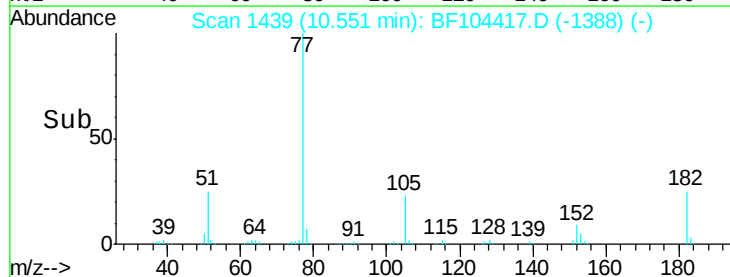
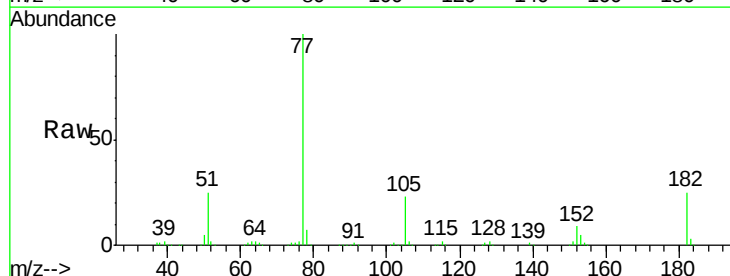
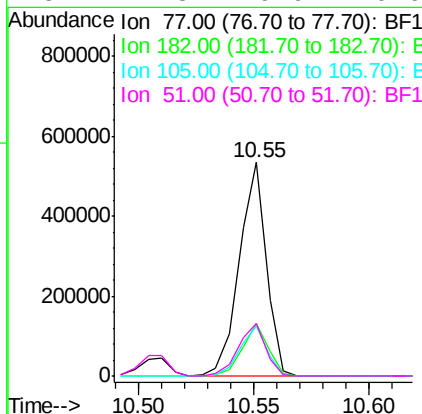
Manual Integrations
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#62
Azobenzene
Concen: 29.082 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	1.7	41.7
105	23.4	3.0	43.0
51	24.8	9.9	49.9





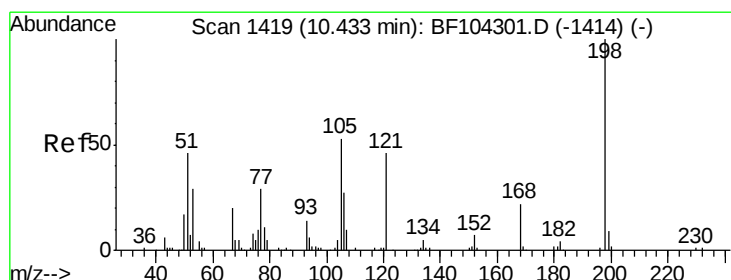
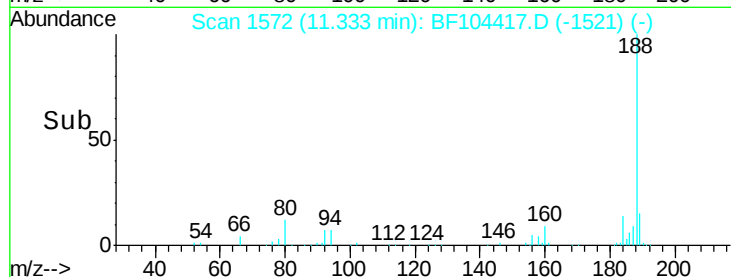
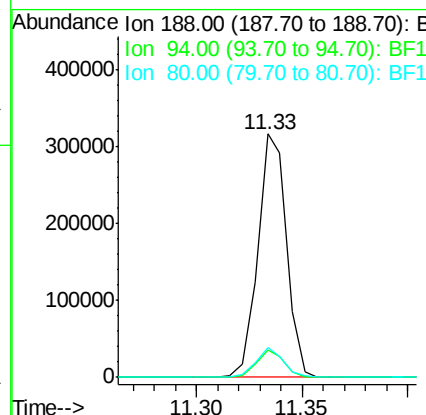
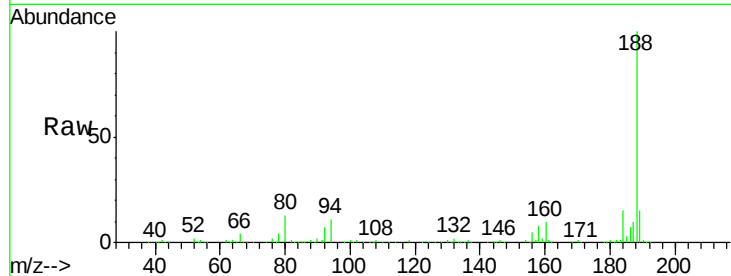
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion:	188	Resp:	298602
Ion Ratio		Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.5	9.2	13.8

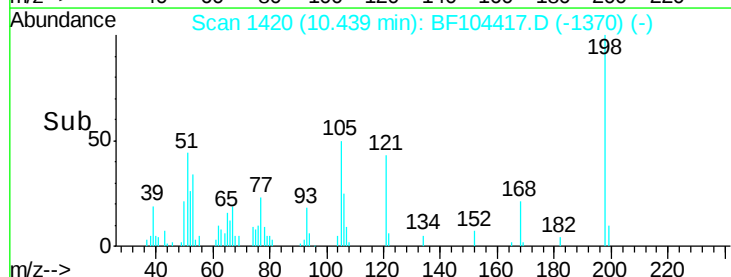
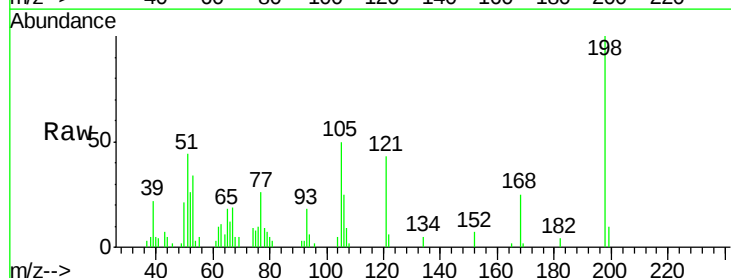
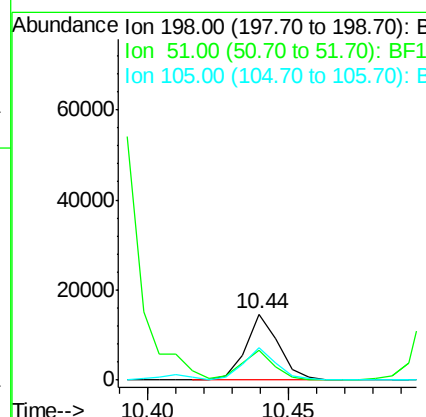
Manual Integrations
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 4/11/2018 5:17:09 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 14.164 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:	198	Resp:	11706
Ion Ratio		Lower	Upper
198	100		
51	44.3	37.7	77.7
105	49.6	36.3	76.3





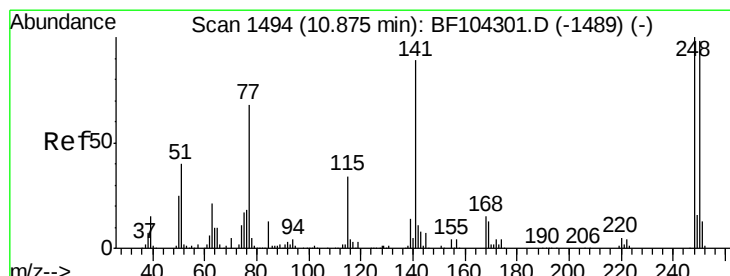
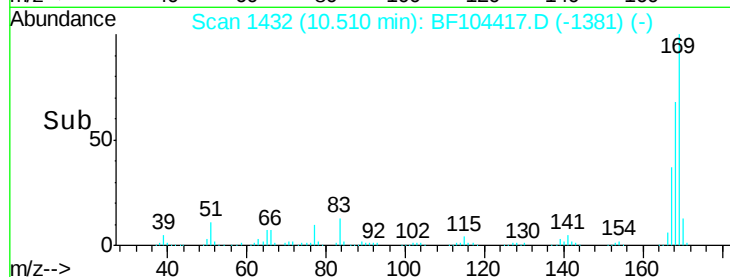
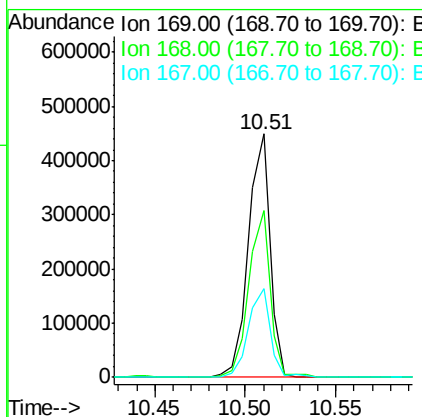
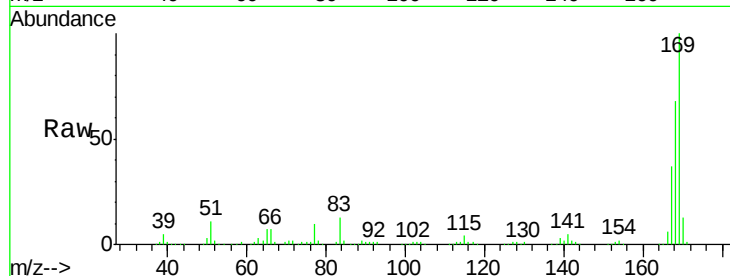
#65
n-Nitrosodiphenylamine
Concen: 36.027 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	372994		
168	68.4	54.4	81.6	
167	36.6	29.8	44.6	

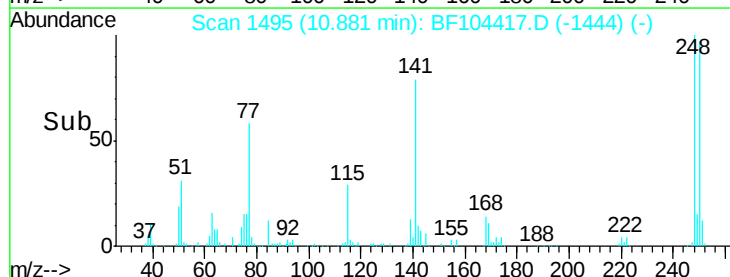
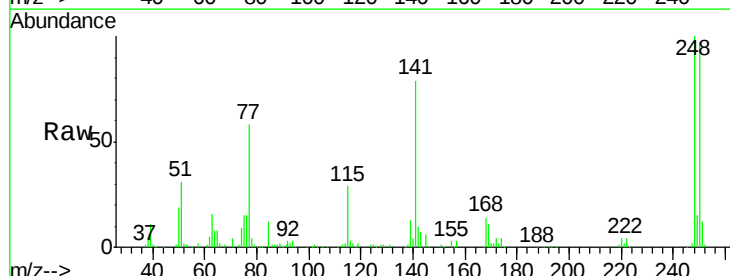
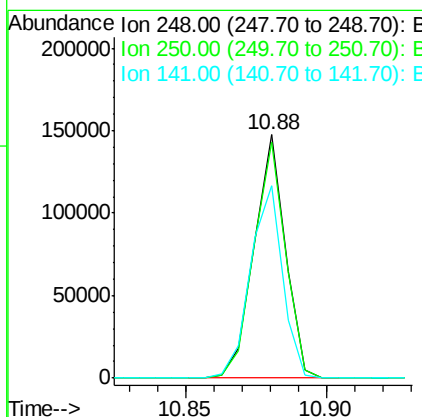
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 35.647 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	113220		
250	97.1	76.9	115.3	
141	79.0	74.4	111.6	





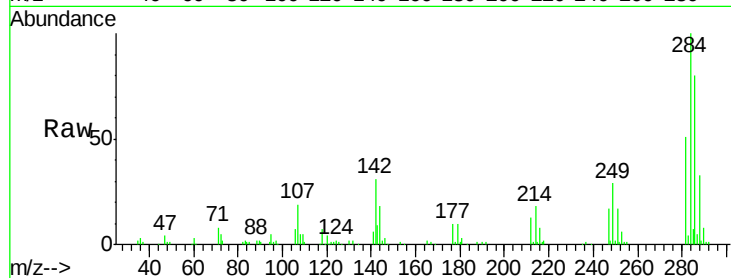
#67
Hexachlorobenzene
Concen: 33.111 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

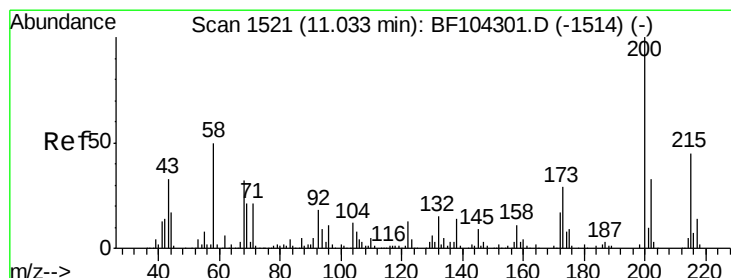
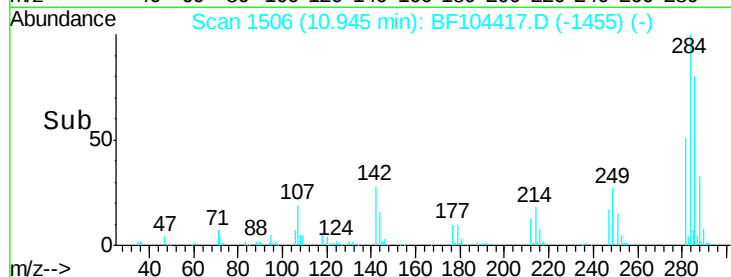
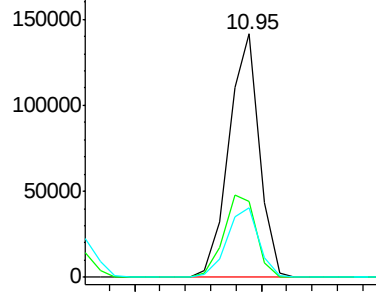
Tot Ion	Ratio	Resp	Lower	Upper
284	100	118333		
142	31.1	34.6	52.0	
249	28.5	24.8	37.2	

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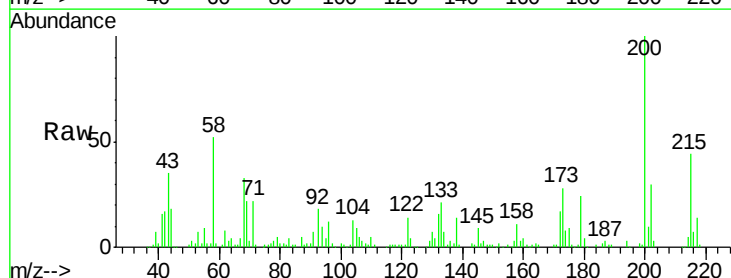


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

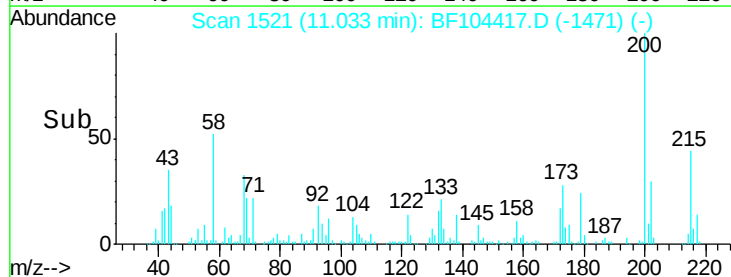
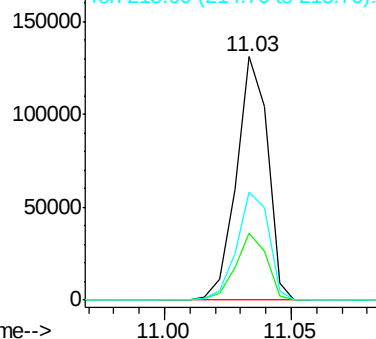


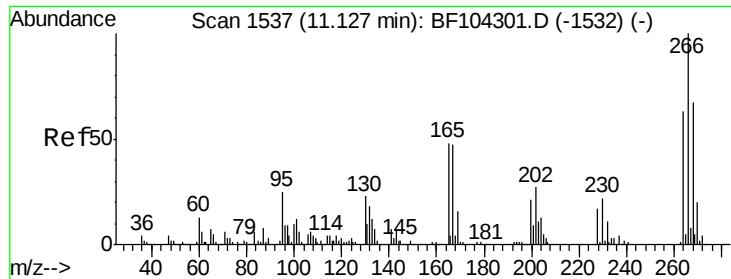
#68
Atrazine
Concen: 35.842 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	112009		
173	27.7	8.6	48.6	
215	44.3	25.1	65.1	



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





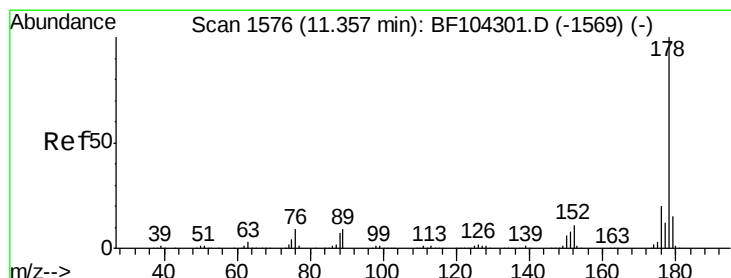
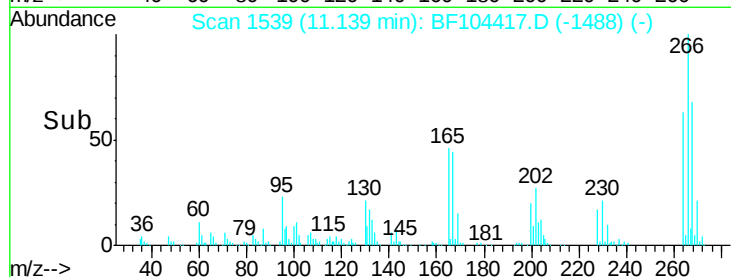
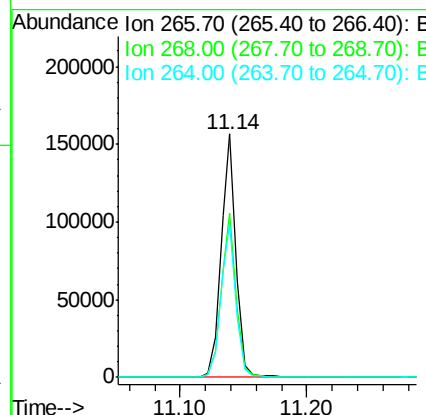
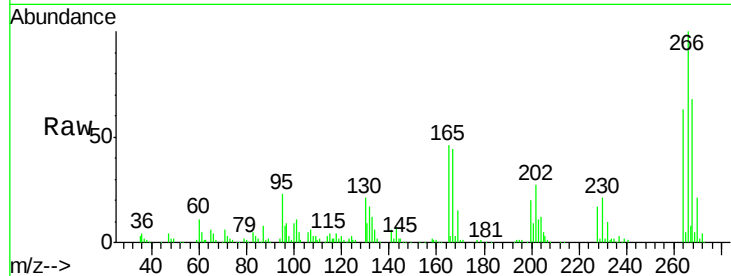
#69
 Pentachlorophenol
 Concen: 58.711 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.1	76.7
264	63.4	49.5	74.3

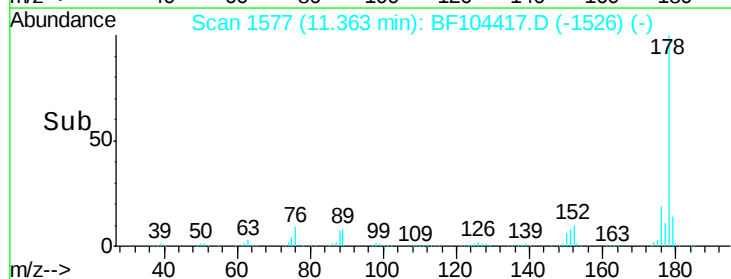
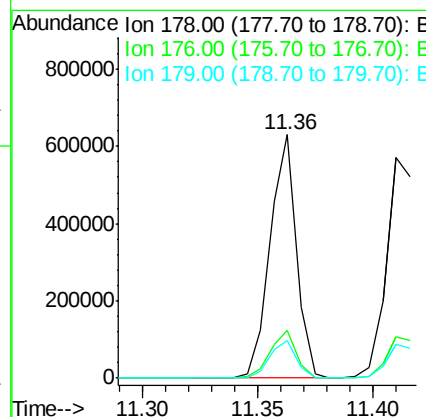
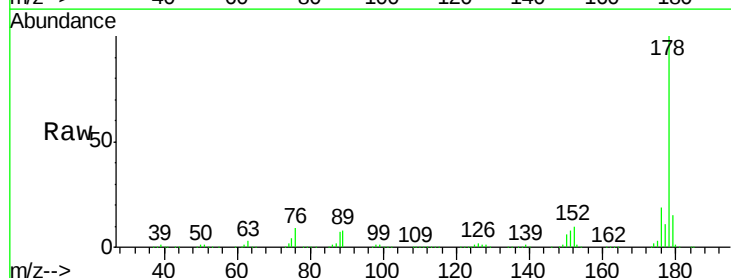
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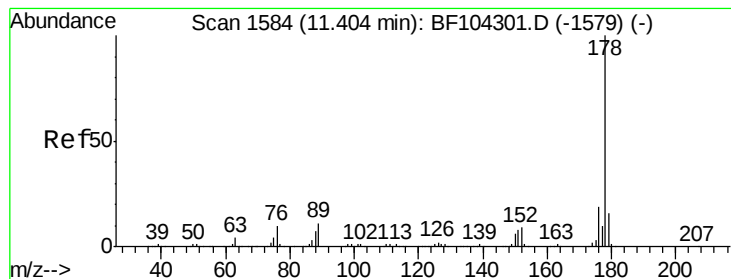
Sohil
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#70
 Phenanthrene
 Concen: 30.146 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6





#71

Anthracene

Concen: 29.764 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

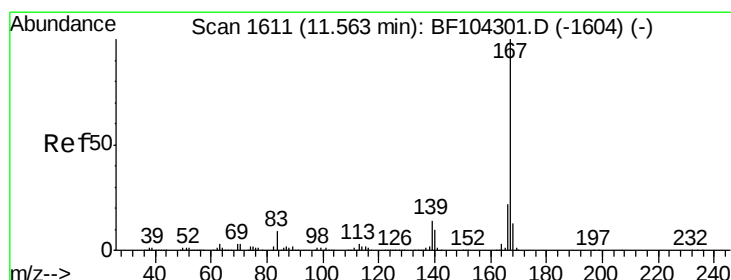
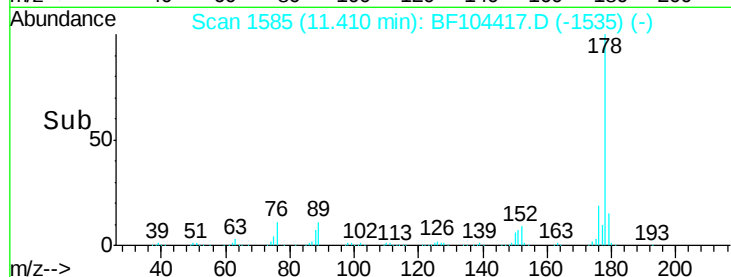
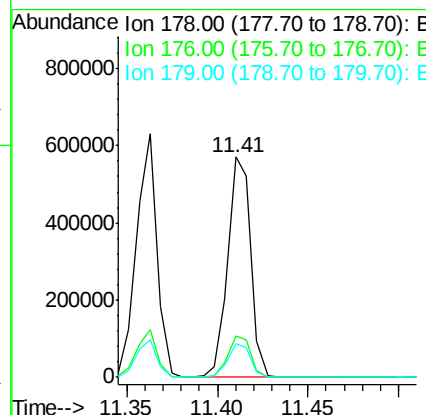
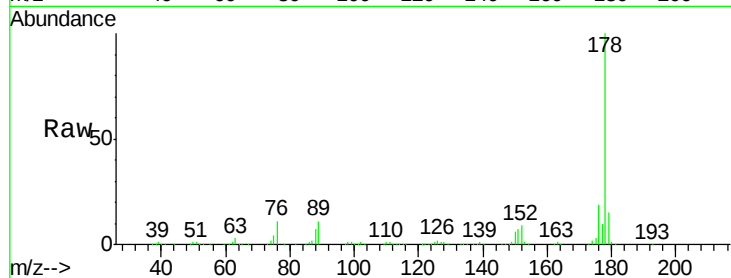
ClientSampleId :

PB108119BS

Tot Ion:	178	Resp:	503111
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.4	23.2
179	15.5	12.6	19.0

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#72

Carbazole

Concen: 31.413 ng

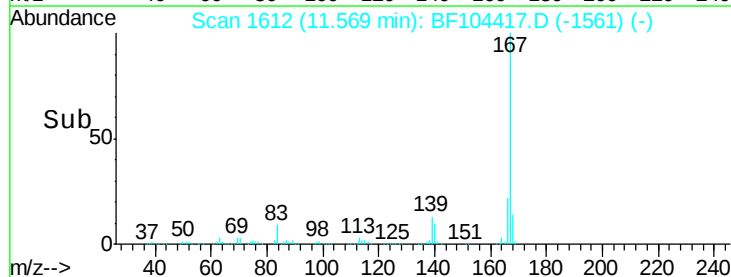
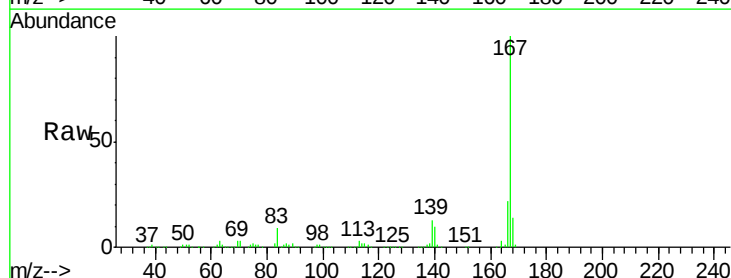
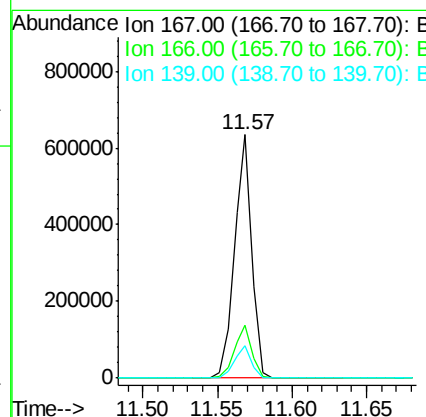
RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	167	Resp:	518863
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 31.306 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

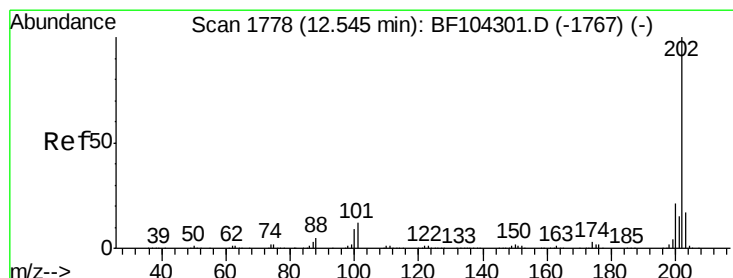
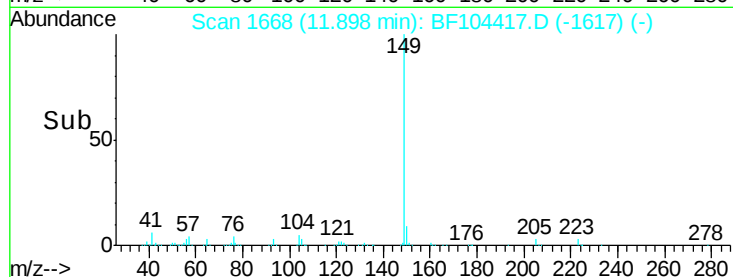
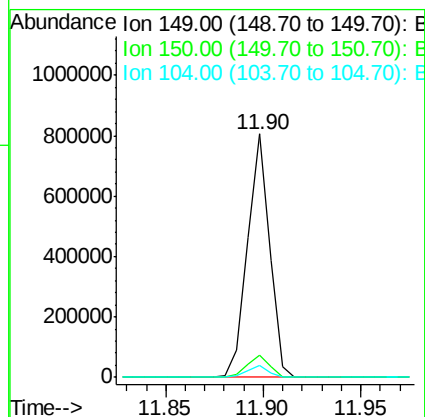
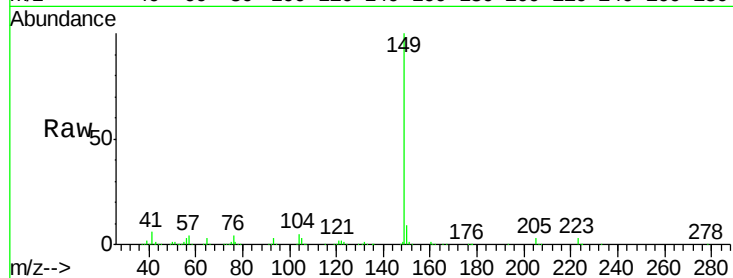
ClientSampled :

PB108119BS

Tot Ion:	149	Resp:	631667
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.7	3.8	5.8

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#74

Fluoranthene

Concen: 30.403 ng

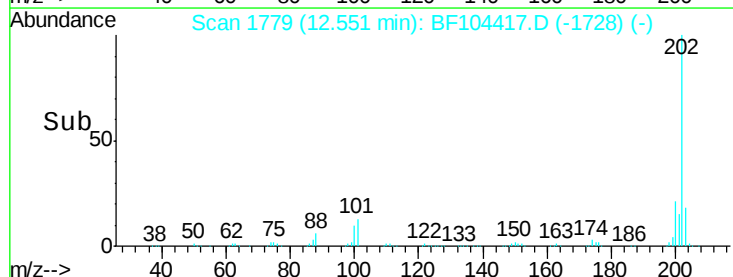
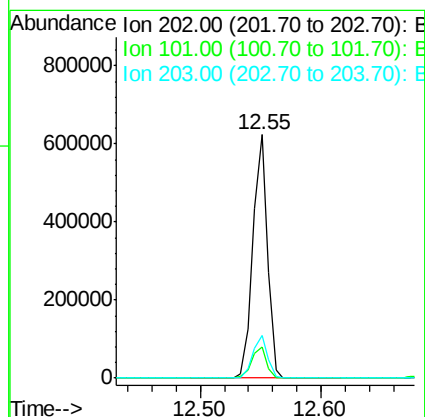
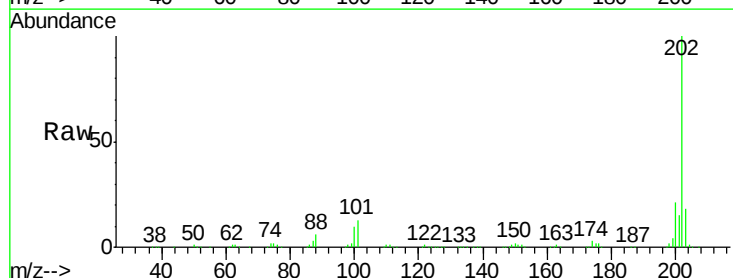
RT: 12.55 min Scan# 1779

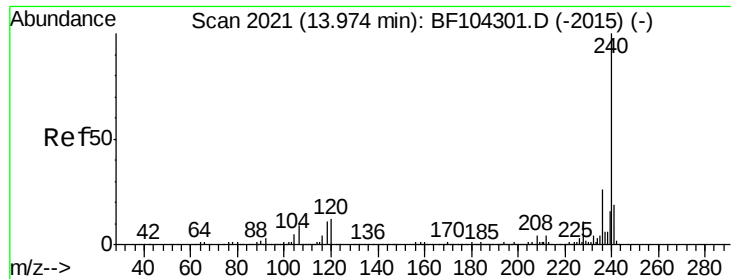
Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	202	Resp:	528218
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

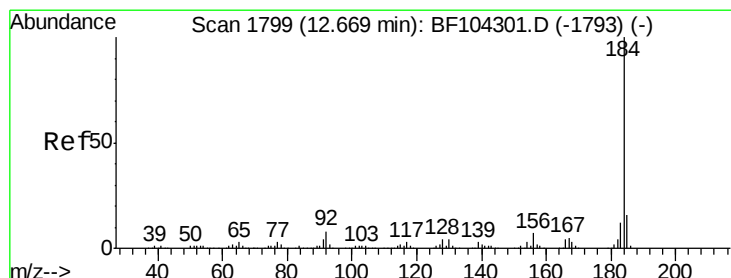
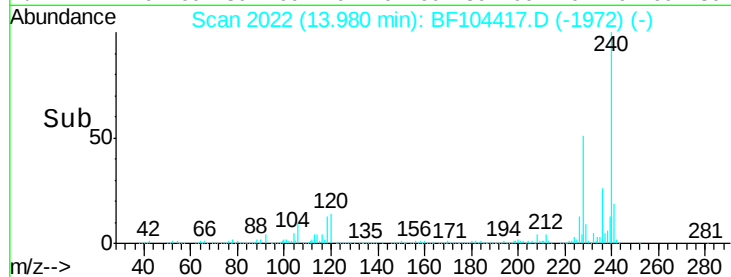
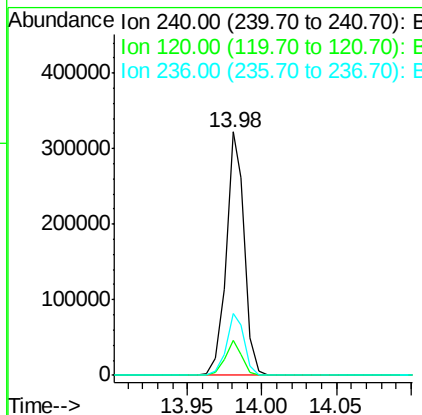
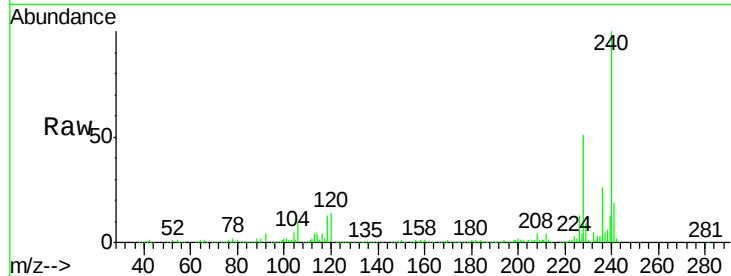
ClientSampleId :

PB108119BS

Tot Ion:	240	Resp:	275877
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.5	14.3
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 67.610 ng

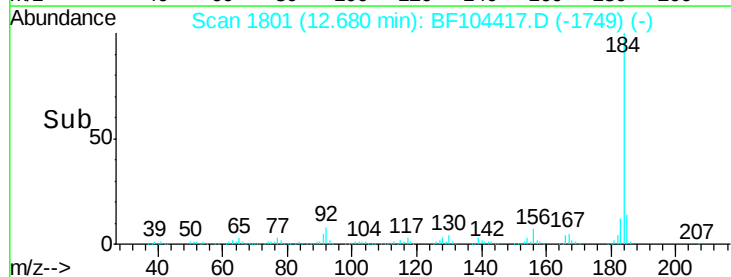
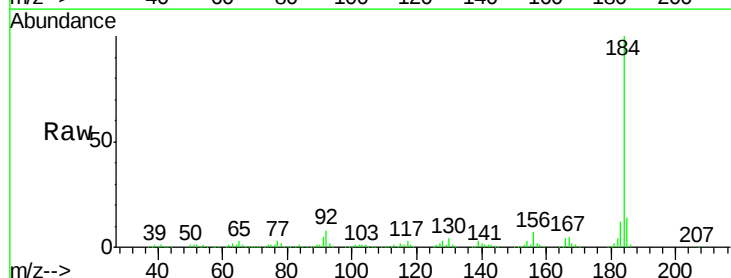
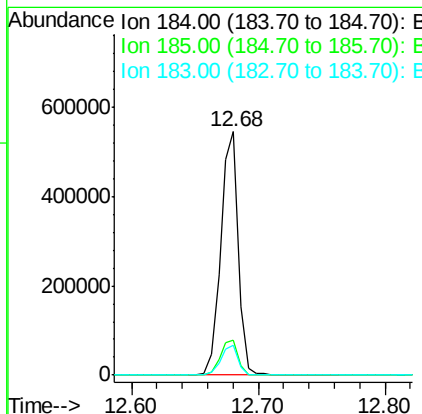
RT: 12.68 min Scan# 1801

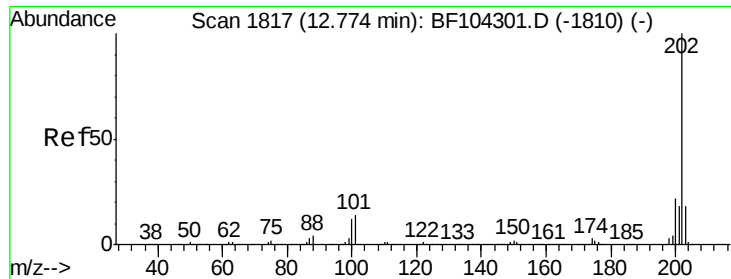
Delta R.T. 0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	184	Resp:	526689
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	12.2	9.3	13.9





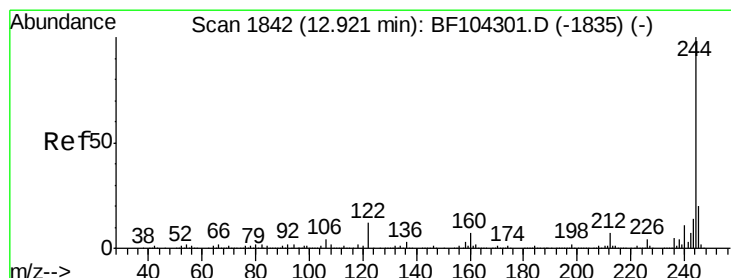
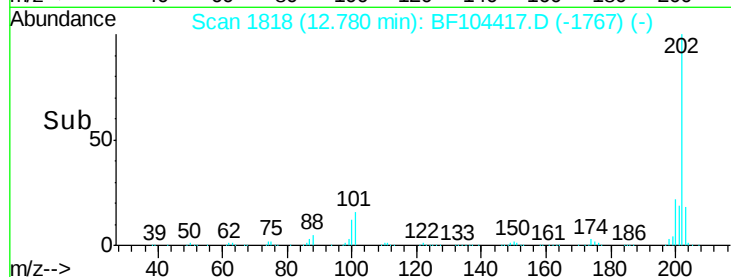
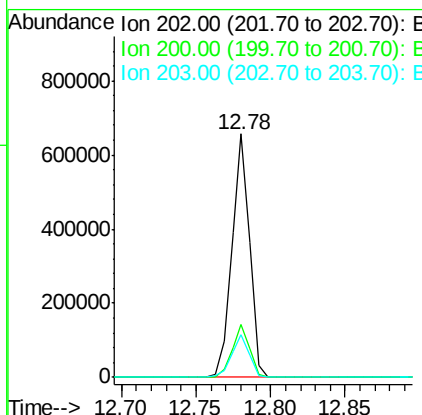
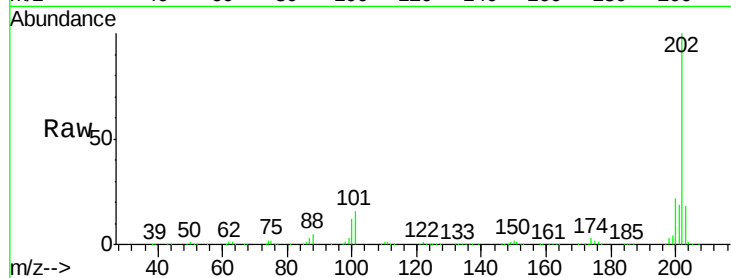
#77
Pvrene
Concen: 26.913 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	550334		
200	21.6		17.4	26.2
203	17.6		14.3	21.5

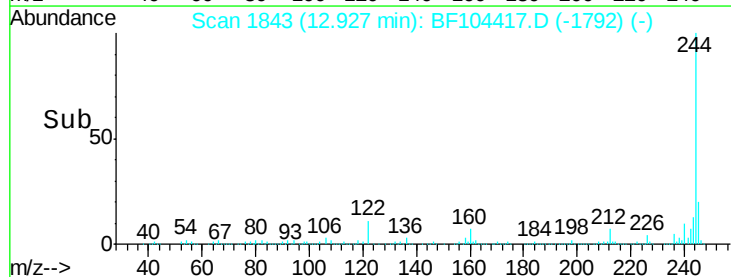
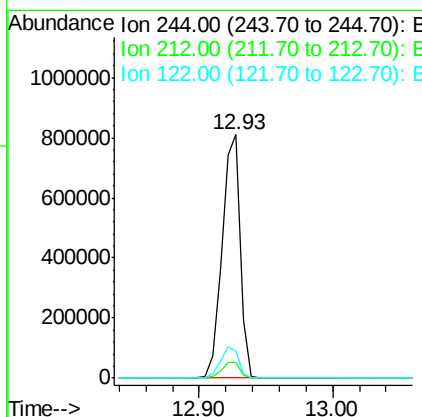
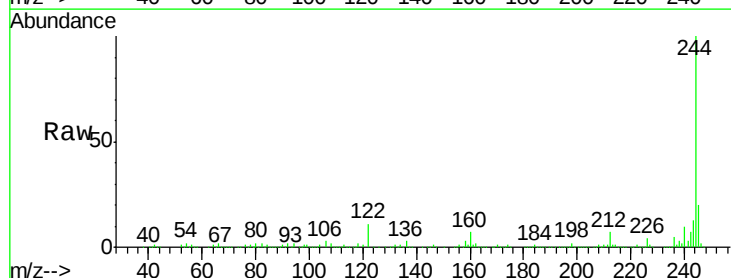
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#78
Terphenyl-d14
Concen: 64.119 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	775895		
212	6.7		5.4	8.0
122	11.1		11.0	16.4





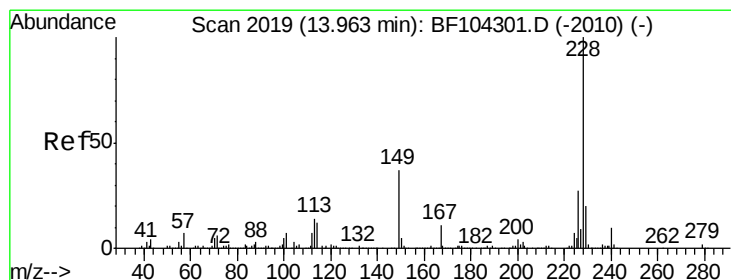
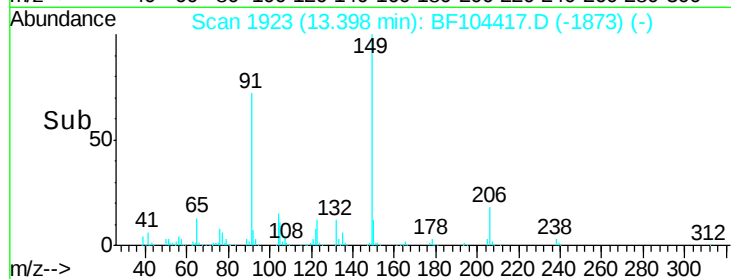
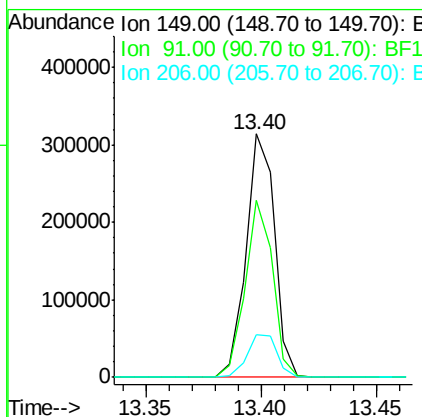
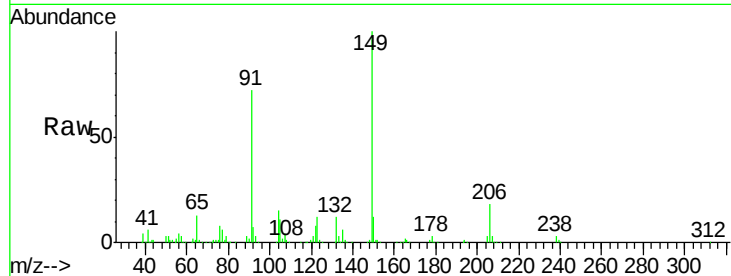
#79
Butylbenzylphthalate
Concen: 28.184 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	271521		
91	72.5	56.8	85.2	
206	17.7	14.1	21.1	

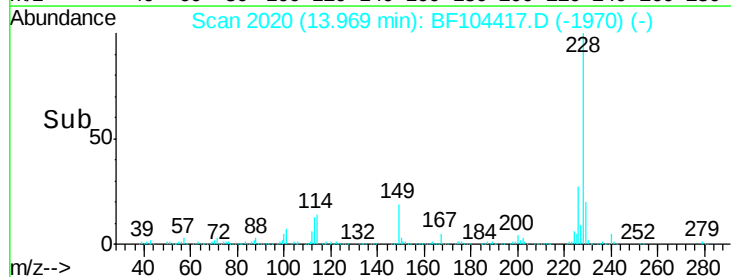
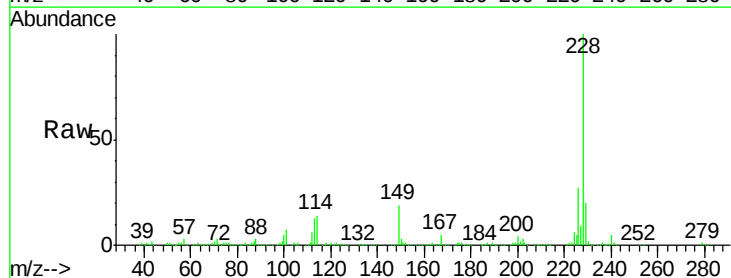
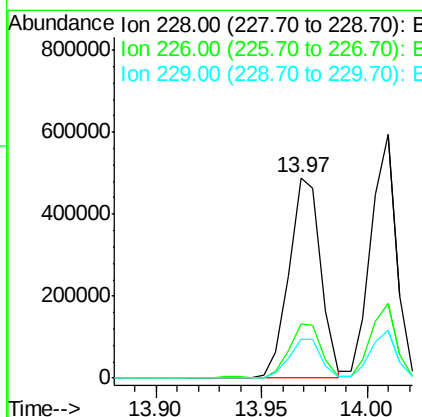
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 31.065 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	511993		
226	27.0	22.6	33.8	
229	19.7	15.8	23.6	





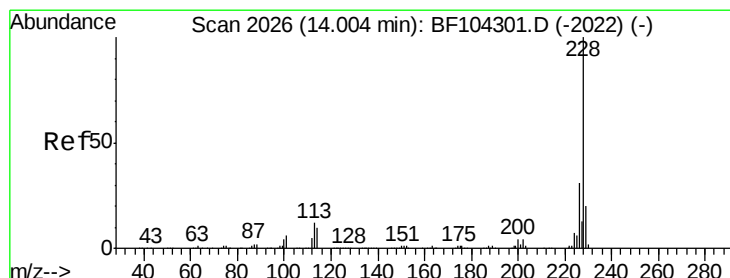
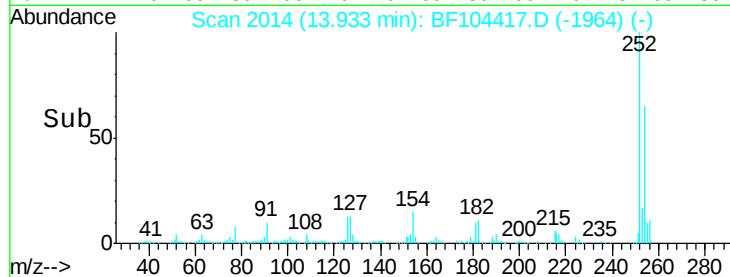
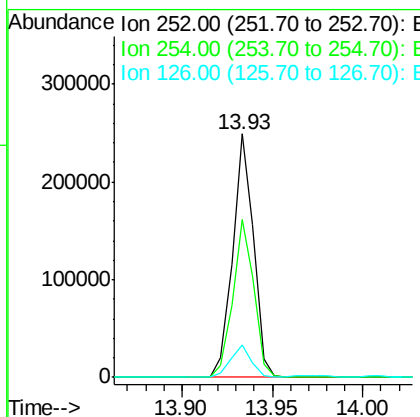
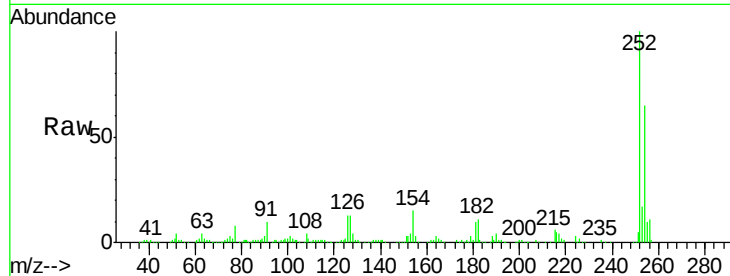
#81
 3,3'-Dichlorobenzidine
 Concen: 32.527 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	50.4	75.6
126	13.2	11.3	16.9

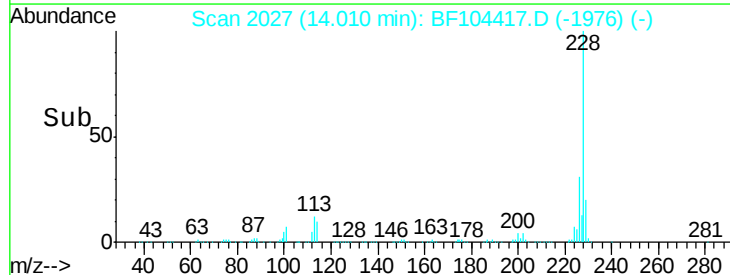
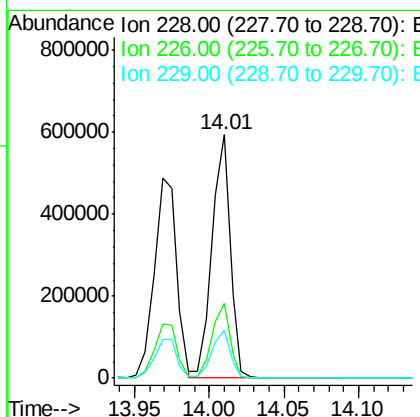
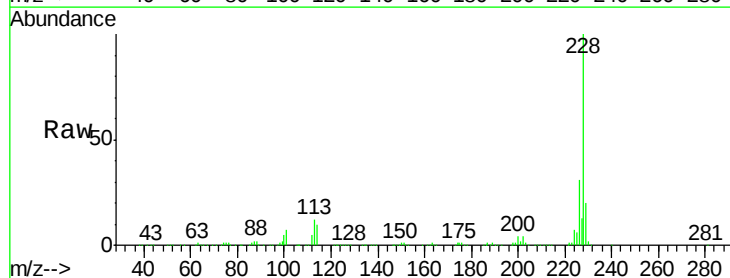
Manual Integrations
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#82
 Chrysene
 Concen: 29.760 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.928 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

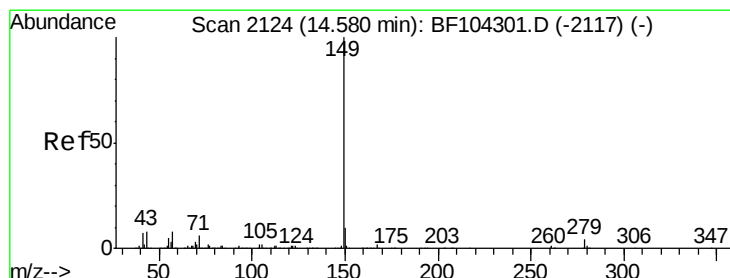
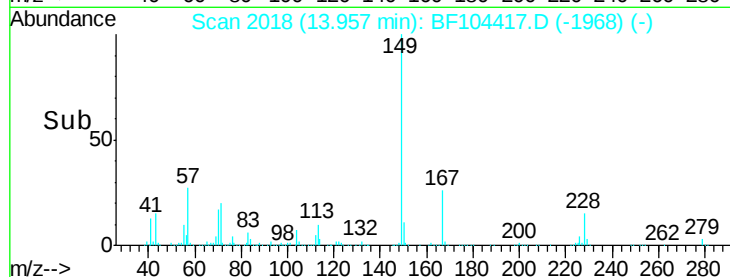
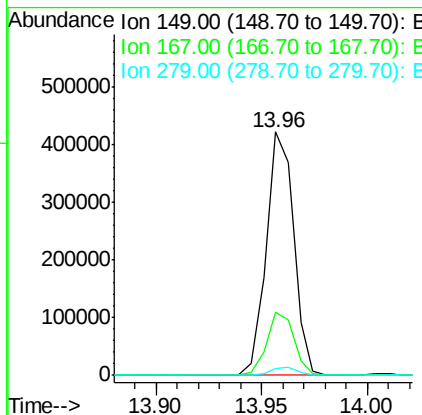
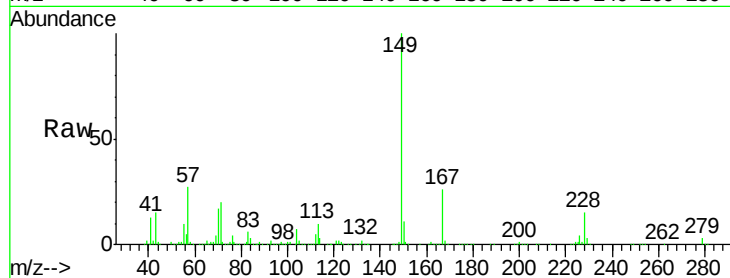
ClientSampleId :

PB108119BS

Tot Ion:	149	Resp:	383240
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	3.0	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 33.277 ng

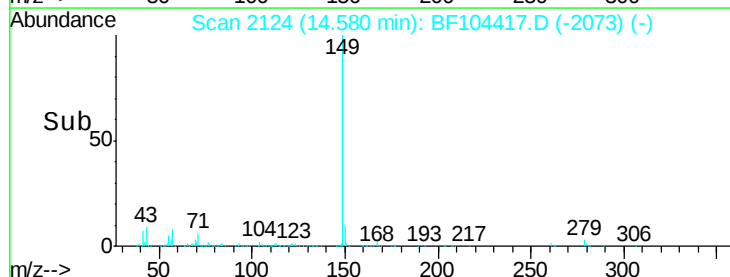
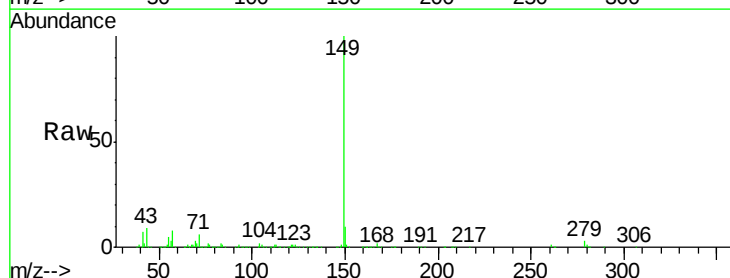
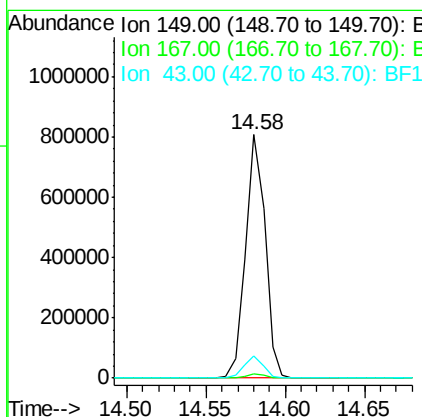
RT: 14.58 min Scan# 2124

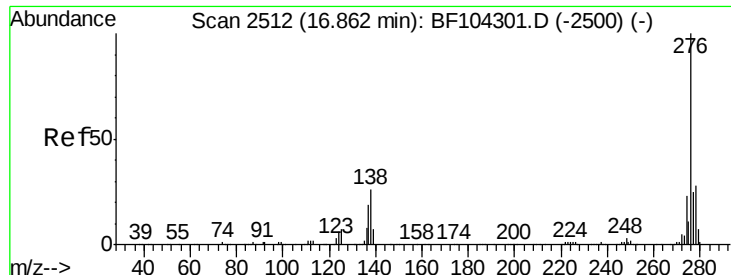
Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:	149	Resp:	689002
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.6	8.4	12.6





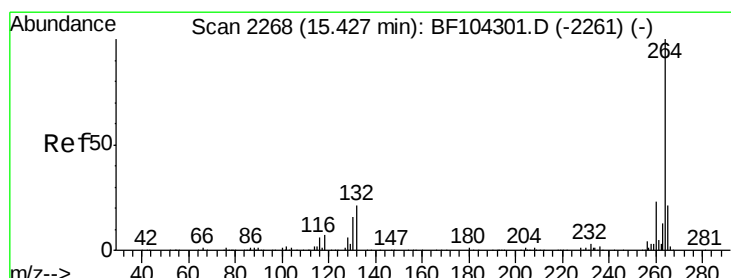
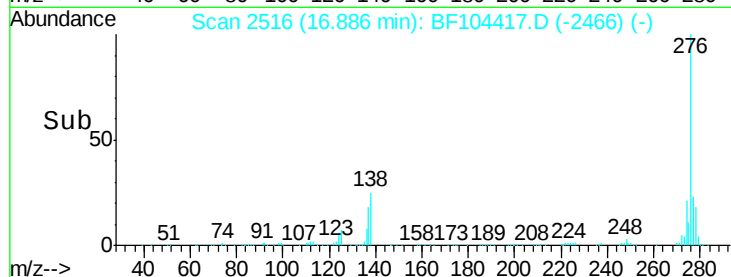
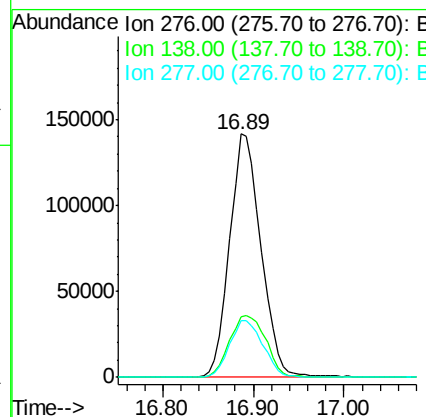
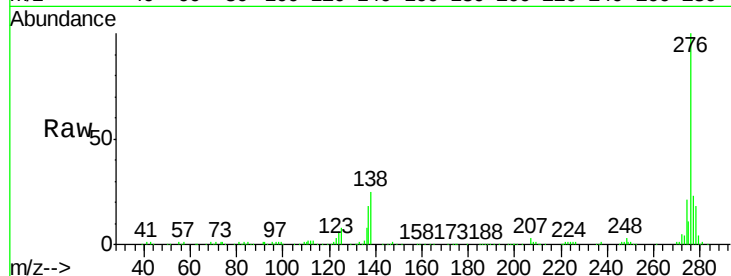
#85
Indeno(1,2,3-cd)pyrene
Concen: 23.715 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	25.1	20.1	30.1

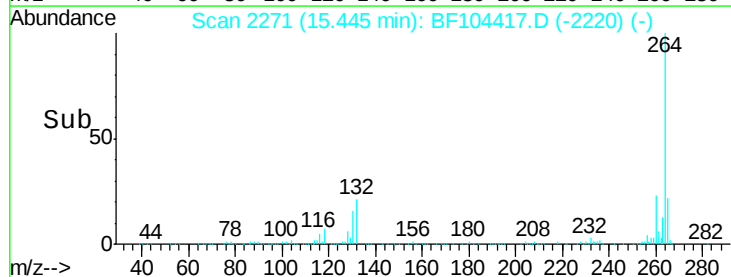
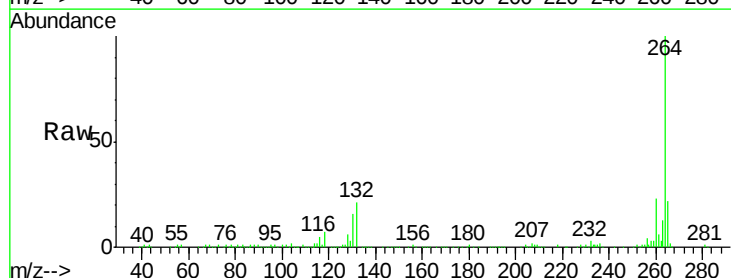
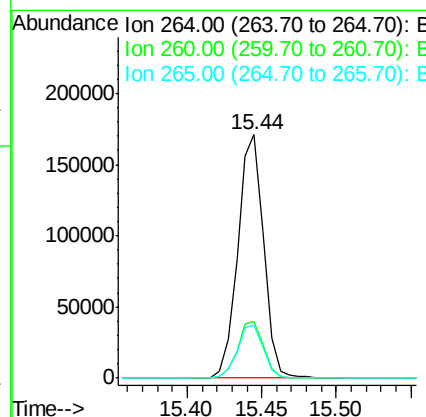
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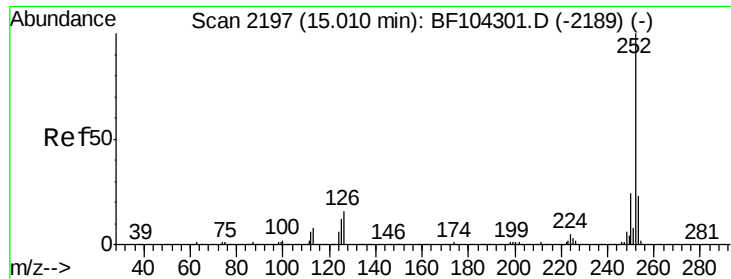
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3





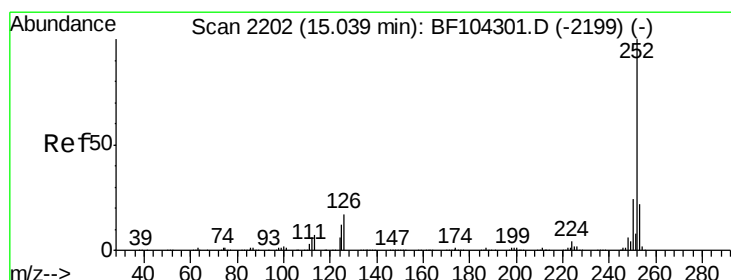
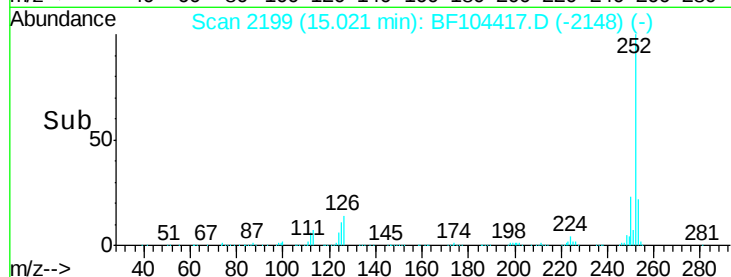
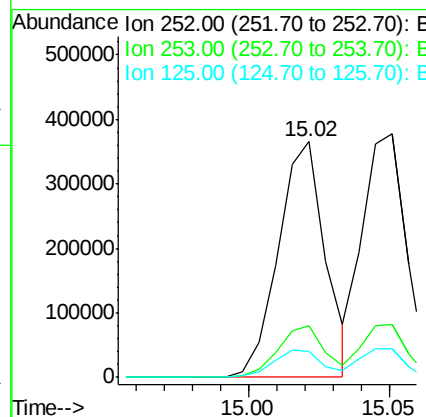
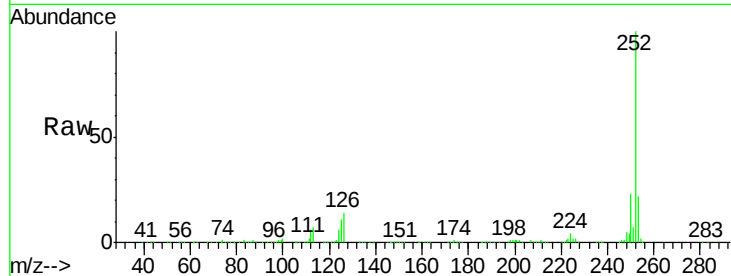
#87
Benzo(b)fluoranthene
Concen: 32.296 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.3	9.0	13.6

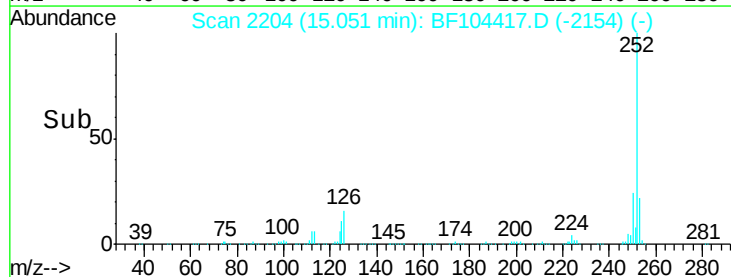
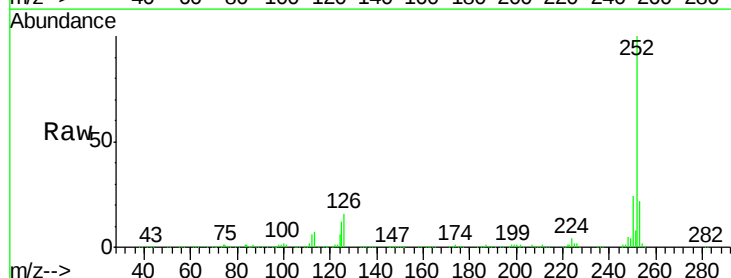
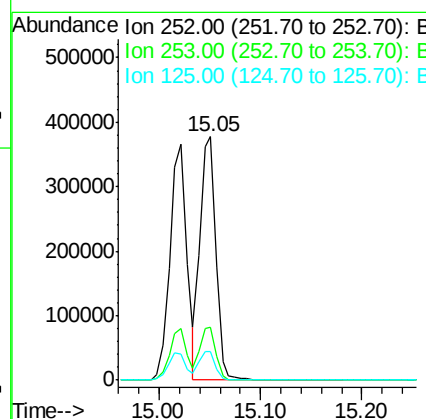
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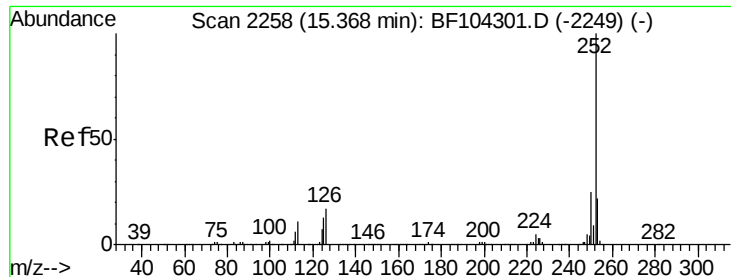
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#88
Benzo(k)fluoranthene
Concen: 33.180 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.6	10.2	15.2





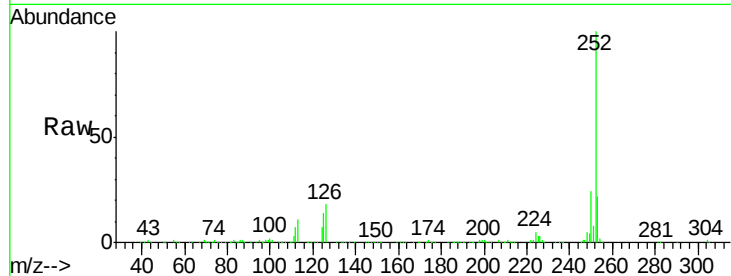
#89
Benzo(a)pyrene
Concen: 30.750 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :
PB108119BS

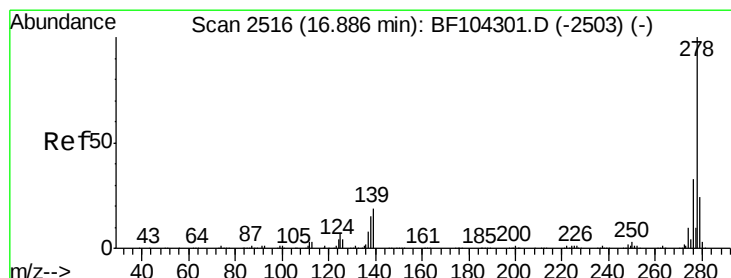
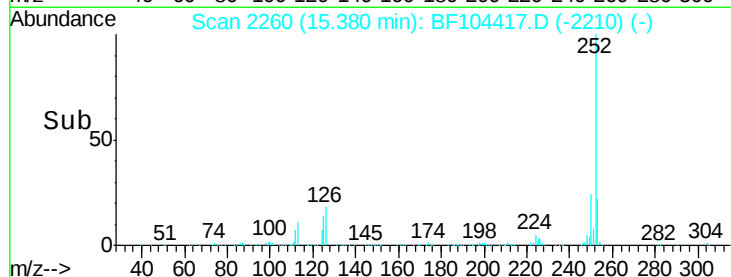
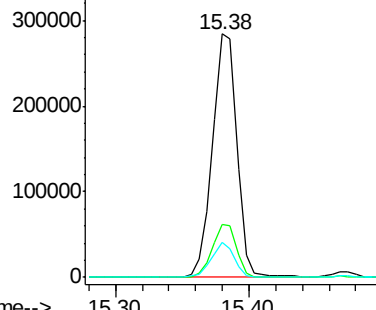
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.4	9.8	14.6

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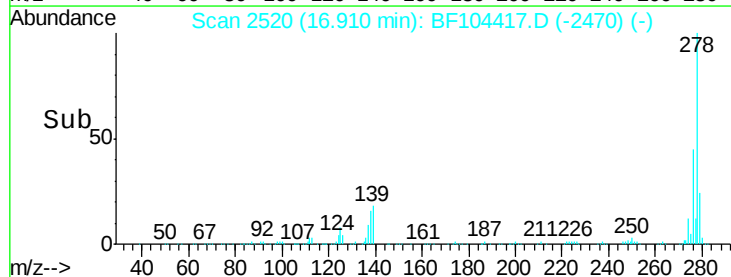
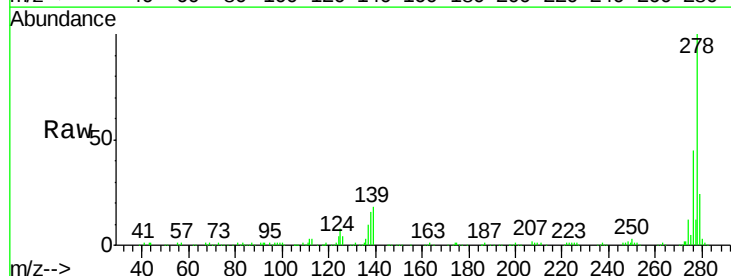
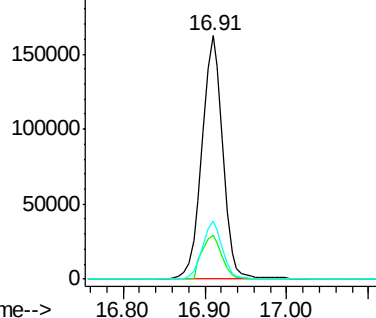
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

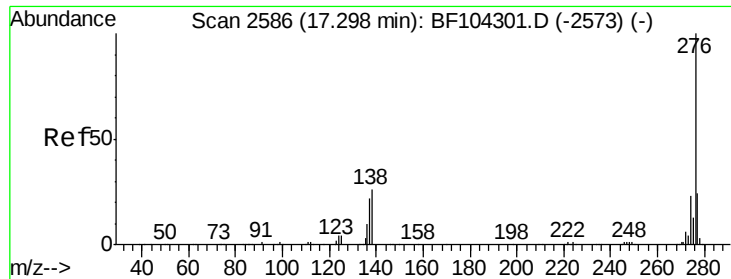


#90
Dibenzo(a,h)anthracene
Concen: 30.099 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	23.6	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 29.569 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB108119BS

Tot Ion:	276	Resp:	275200
Ion Ratio		Lower	Upper
276	100		
277	24.0	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
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