

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
 Data File : BM003461.D
 Acq On : 10 Dec 2015 20:23
 Operator : UM/IZ
 Sample : PB87185BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BSD

Manual Integrations
 APPROVED

MMdadoda
 12/11/2015 6:00:41 PM

Quant Time: Dec 11 07:11:05 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	79695	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	333584	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	166888	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	316477	20.00	ng	0.00
75) Chrysene-d12	21.32	240	290523	20.00	ng	0.00
86) Perylene-d12	23.57	264	307273	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	386039	86.12	ng	0.00
7) Phenol-d6	6.90	99	497629	79.95	ng	0.00
23) Nitrobenzene-d5	8.88	82	433478	80.57	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	127920	76.75	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	991278	80.93	ng	0.00
78) Terphenyl-d14	19.76	244	912718	74.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	59051	31.75	ng	# 100
3) Pyridine	3.60	79	174878	33.56	ng	88
4) n-Nitrosodimethylamine	3.53	42	65662	39.36	ng	85
6) Aniline	7.05	93	178410	21.77	ng	95
8) 2-Chlorophenol	7.29	128	222398	39.18	ng	95
9) Benzaldehyde	6.86	77	89210	29.23	ng	93
10) Phenol	6.92	94	259775	39.33	ng	# 72
11) bis(2-Chloroethyl)ether	7.15	93	187342	35.06	ng	97
12) 1,3-Dichlorobenzene	7.61	146	227556	36.50	ng	99
13) 1,4-Dichlorobenzene	7.76	146	232852	36.22	ng	97
14) 1,2-Dichlorobenzene	8.07	146	224944	36.64	ng	96
15) Benzyl Alcohol	7.96	79	173051	40.18	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	192797	33.78	ng	91
17) 2-Methylphenol	8.17	107	179363	38.84	ng	98
18) Hexachloroethane	8.80	117	81356	36.83	ng	90
19) n-Nitroso-di-n-propylamine	8.53	70	142396	34.88	ng	# 87
20) 3+4-Methylphenols	8.49	107	239483	37.48	ng	96
22) Acetophenone	8.55	105	297463	36.38	ng	# 89
24) Nitrobenzene	8.92	77	220121	37.84	ng	# 89
25) Isophorone	9.44	82	391993	36.02	ng	97
26) 2-Nitrophenol	9.63	139	112816	38.35	ng	93
27) 2,4-Dimethylphenol	9.69	122	201435	39.32	ng	96
28) bis(2-Chloroethoxy)methane	9.93	93	250889	38.37	ng	98
29) 2,4-Dichlorophenol	10.16	162	198802	40.74	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	203959	37.43	ng	98
31) Naphthalene	10.56	128	655208	37.54	ng	99
32) Benzoic acid	9.83	122	112752m	38.07	ng	
33) 4-Chloroaniline	10.67	127	51577	7.16	ng	# 94
34) Hexachlorobutadiene	10.85	225	121567	37.63	ng	96
35) Caprolactam	11.45	113	53456	33.14	ng	# 74
36) 4-Chloro-3-methylphenol	11.81	107	197923	35.97	ng	90
37) 2-Methylnaphthalene	12.18	142	461411	38.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	215507	40.17	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	254031	84.88	ng	99

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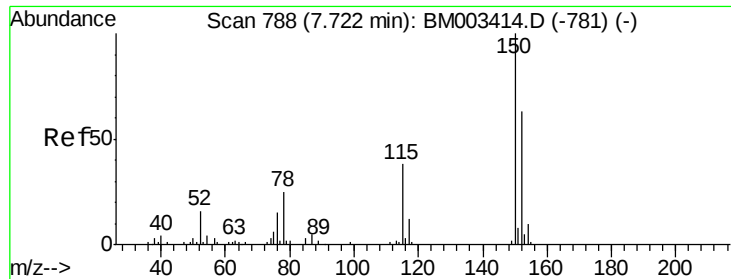
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	144183	41.20	nq	99
43) 2,4,5-Trichlorophenol	12.87	196	152525	41.47	nq	# 90
45) 1,1'-Biphenyl	13.20	154	564992	38.18	nq	98
46) 2-Chloronaphthalene	13.24	162	430649	39.62	nq	# 93
47) 2-Nitroaniline	13.45	65	101748	37.74	nq	93
48) Acenaphthylene	14.10	152	696245	38.42	nq	99
49) Dimethylphthalate	13.83	163	506444	36.83	nq	99
50) 2,6-Dinitrotoluene	13.95	165	109585	38.19	nq	96
51) Acenaphthene	14.44	154	400417	38.13	nq	99
52) 3-Nitroaniline	14.28	138	45017	15.33	nq	86
53) 2,4-Dinitrophenol	14.49	184	89967	57.57	nq	# 79
54) Dibenzofuran	14.77	168	627153	41.35	nq	94
55) 4-Nitrophenol	14.60	139	171083	70.55	nq	85
56) 2,4-Dinitrotoluene	14.74	165	144991	38.95	nq	# 69
57) Fluorene	15.43	166	475286	37.80	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	118404	41.88	nq	# 100
59) Diethylphthalate	15.20	149	496044	36.74	nq	98
60) 4-Chlorophenyl-phenylether	15.42	204	234145	36.82	nq	95
61) 4-Nitroaniline	15.44	138	103298	34.45	nq	# 75
62) Azobenzene	15.71	77	437286	41.31	nq	97
64) 4,6-Dinitro-2-methylphenol	15.50	198	65037	34.06	nq	86
65) n-Nitrosodiphenylamine	15.63	169	413224	41.30	nq	98
66) 4-Bromophenyl-phenylether	16.32	248	135465	39.70	nq	# 87
67) Hexachlorobenzene	16.43	284	146620	39.99	nq	# 80
68) Atrazine	16.59	200	131033	41.99	nq	99
69) Pentachlorophenol	16.77	266	157205	75.12	nq	98
70) Phenanthrene	17.16	178	704622	39.68	nq	100
71) Anthracene	17.25	178	703043	39.84	nq	99
72) Carbazole	17.53	167	618147	40.21	nq	99
73) Di-n-butylphthalate	18.09	149	736504	40.99	nq	99
74) Fluoranthene	19.19	202	722708	39.46	nq	98
76) Benzidine	19.37	184	279876	30.07	nq	99
77) Pyrene	19.55	202	750877	36.85	nq	99
79) Butylbenzylphthalate	20.45	149	297333	37.90	nq	93
80) Benzo(a)anthracene	21.30	228	679619	39.02	nq	100
81) 3,3'-Dichlorobenzidine	21.23	252	144530	26.06	nq	100
82) Chrysene	21.35	228	626118	37.35	nq	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	420877	39.11	nq	98
84) Di-n-octyl phthalate	22.11	149	737536	41.48	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.85	276	867830	49.27	nq	# 100
87) Benzo(b)fluoranthene	22.89	252	716601	38.37	nq	98
88) Benzo(k)fluoranthene	22.94	252	672025	36.85	nq	100
89) Benzo(a)pyrene	23.47	252	700735	39.89	nq	# 98
90) Dibenzo(a,h)anthracene	25.86	278	726404	42.35	nq	99
91) Benzo(g,h,i)perylene	26.55	276	740719	42.74	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

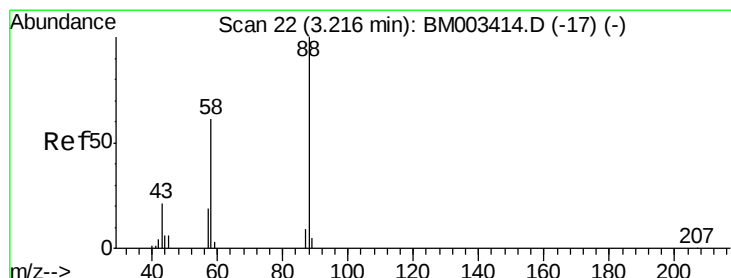
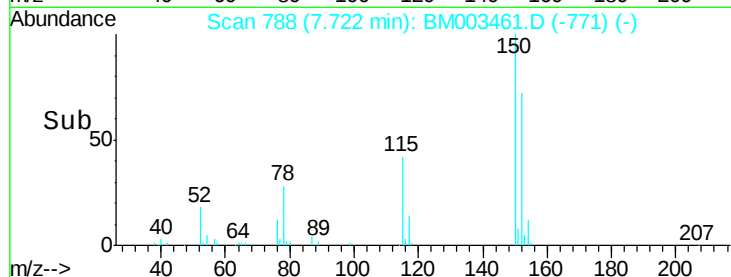
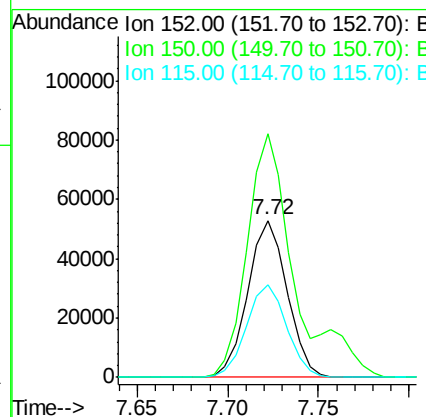
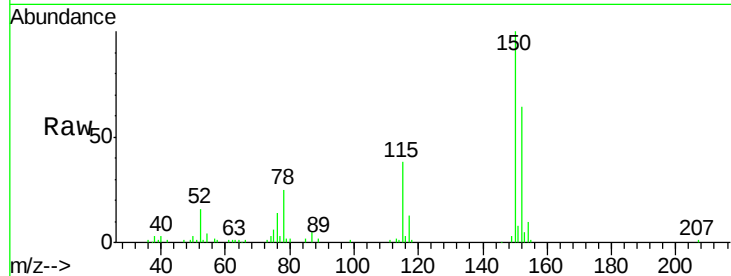
ClientSampleId :

PB87185BSD

Tot Ion:	152	Resp:	79695
Ion	Ratio	Lower	Upper
152	100		
150	155.2	119.5	179.3
115	58.8	43.0	64.4

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#2

1,4-Dioxane

Concen: 31.75 ng

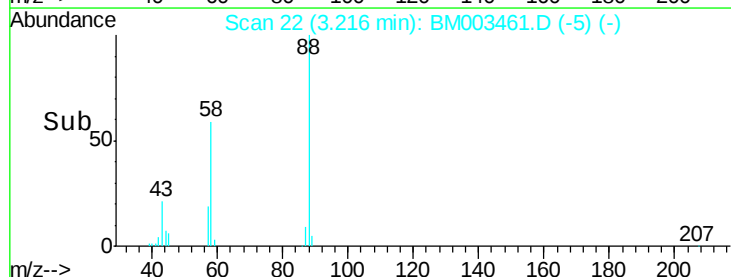
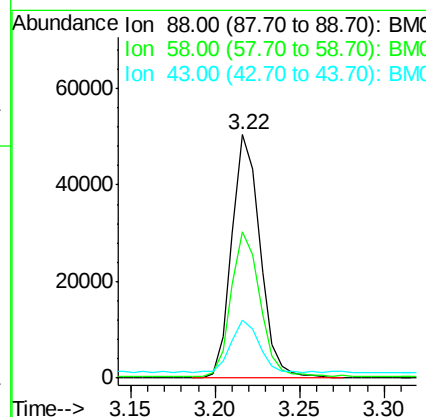
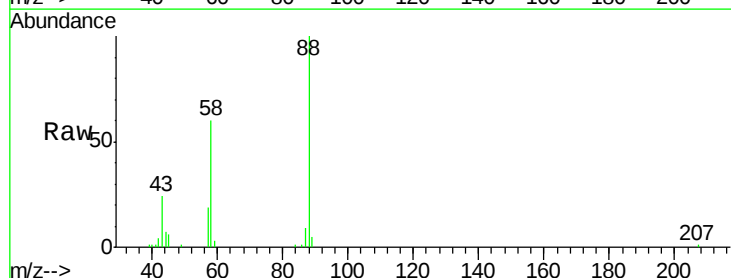
RT: 3.22 min Scan# 22

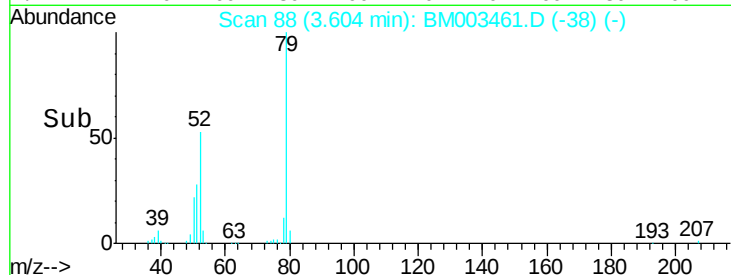
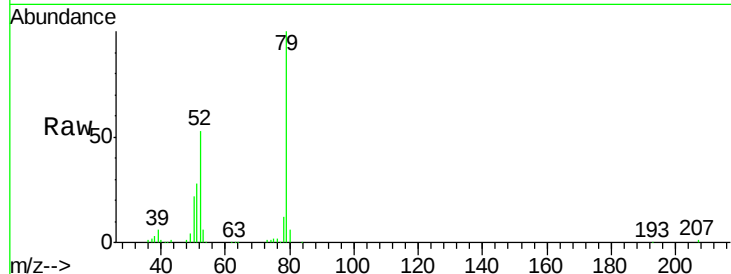
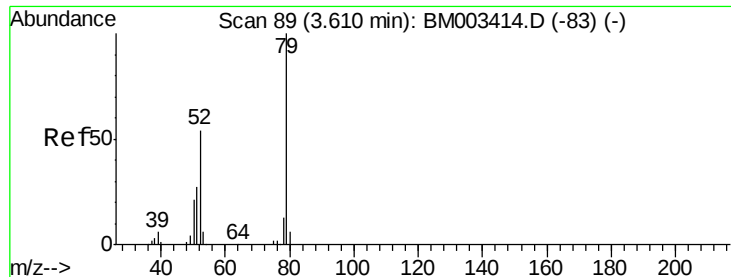
Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	88	Resp:	59051
Ion	Ratio	Lower	Upper
88	100		
58	60.2	0.0	0.0#
43	20.9	0.0	0.0#





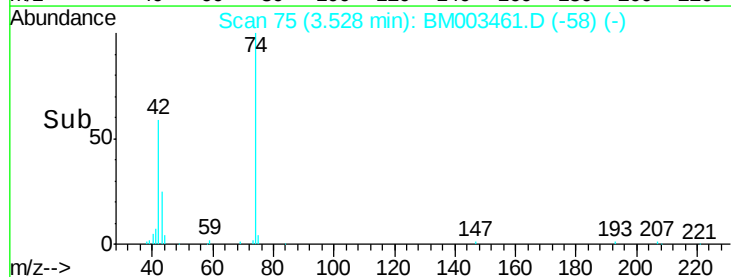
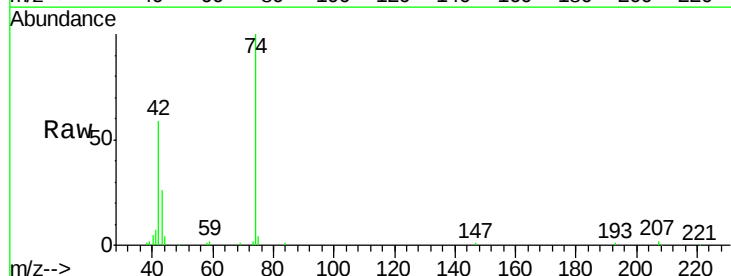
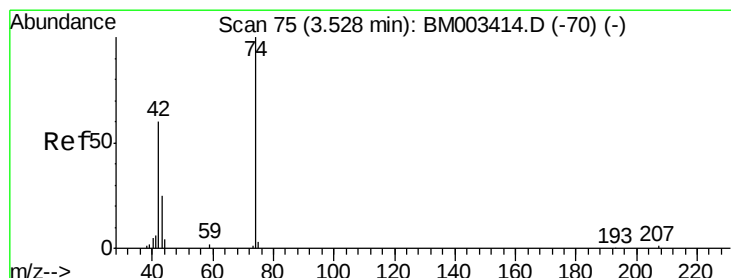
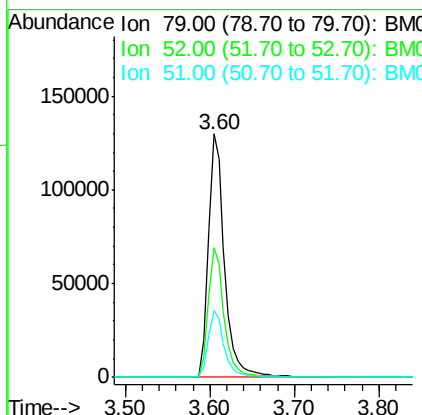
#3
 Pvridine
 Concen: 33.56 ng
 RT: 3.60 min Scan# 88
 Delta R.T. -0.01 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Tot Ion:	79	Resp:	174878
Ion Ratio	Lower	Upper	
79	100		
52	53.0	51.1	76.7
51	27.5	26.1	39.1

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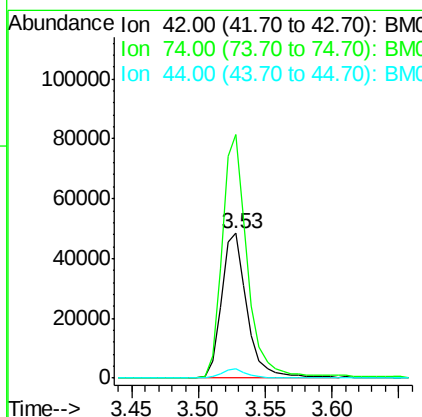
Manual Integrations
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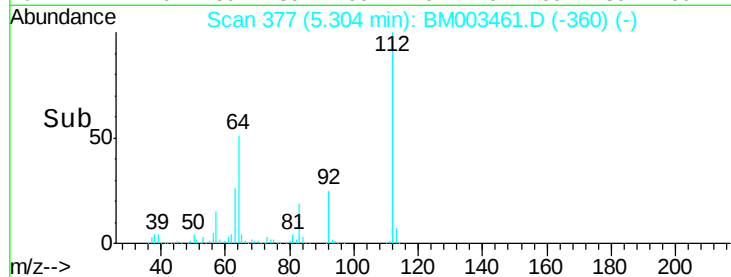
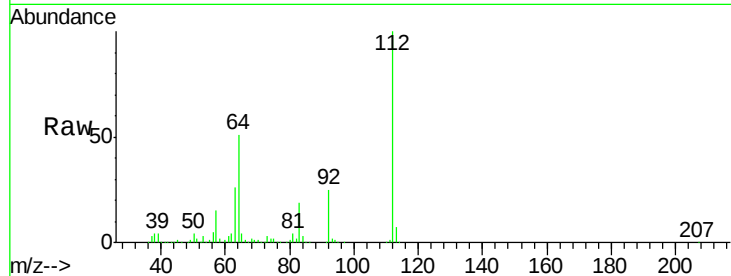
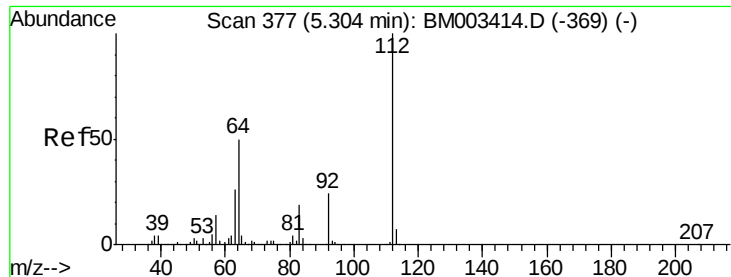
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#4
 n-Nitrosodimethylamine
 Concen: 39.36 ng
 RT: 3.53 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Tgt Ion:	42	Resp:	65662
Ion Ratio	Lower	Upper	
42	100		
74	168.4	119.3	178.9
44	6.2	5.4	8.2





#5

2-Fluorophenol

Concen: 86.12 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tot Ion:	112	Resp:	386039
Ion Ratio	Lower	Upper	
112	100		
64	50.9	38.6	57.8
63	26.5	19.3	28.9

Instrument :

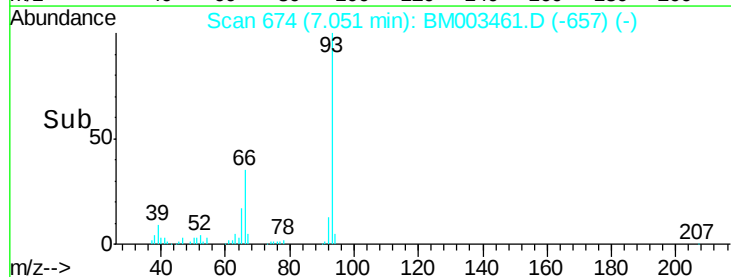
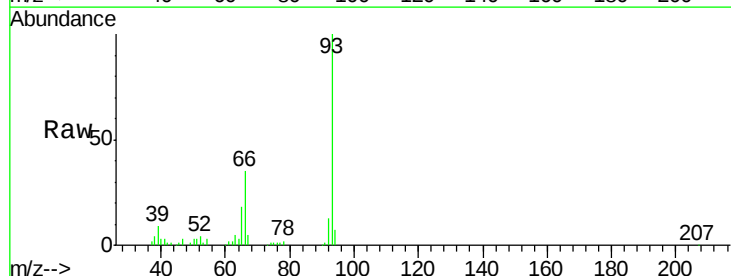
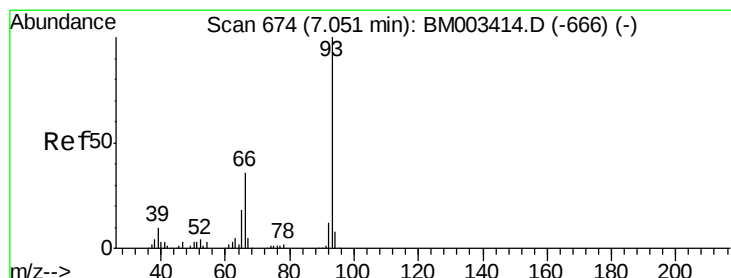
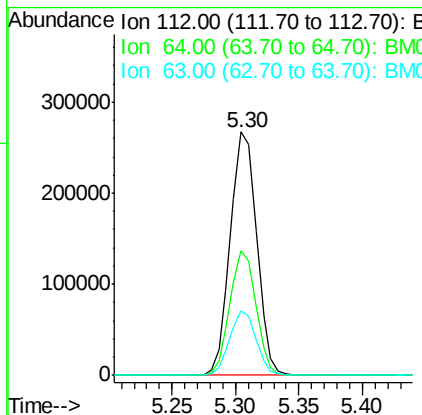
BNA_M

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PB87185BSD

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#6

Aniline

Concen: 21.77 ng

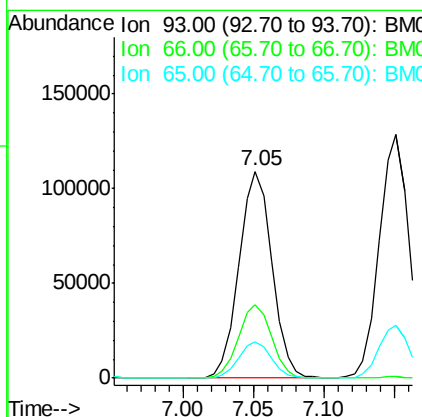
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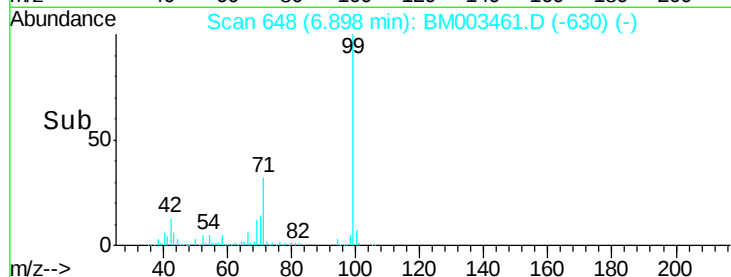
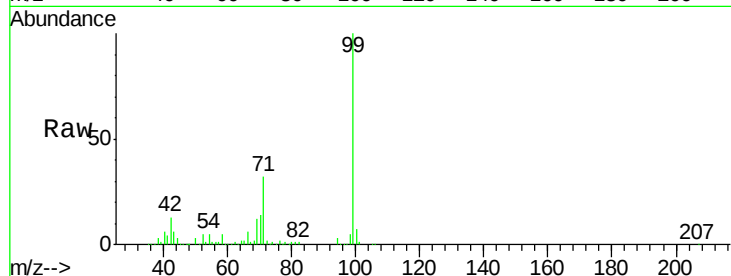
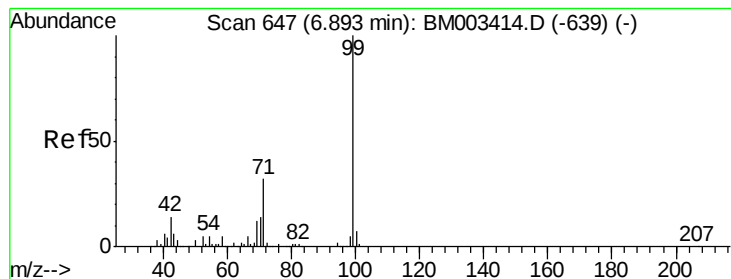
Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	93	Resp:	178410
Ion Ratio	Lower	Upper	
93	100		
66	35.2	30.8	46.2
65	17.7	16.0	24.0





#7

Phenol-d6

Concen: 79.95 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		497629		
42	13.3	11.0	16.4		
71	32.5	23.4	35.2		

Instrument :

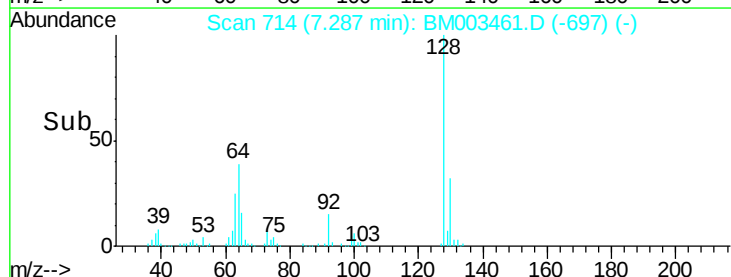
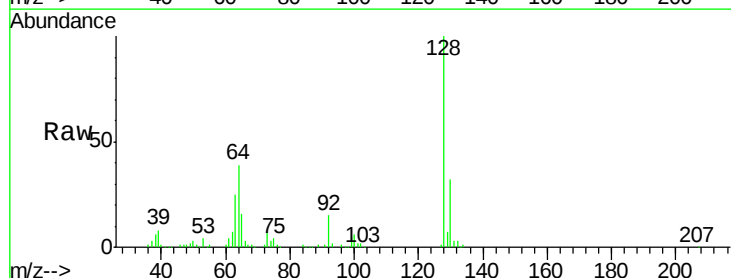
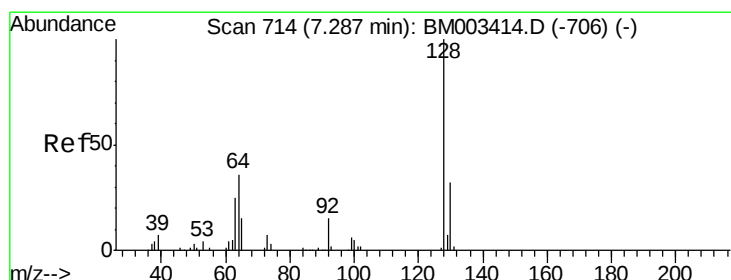
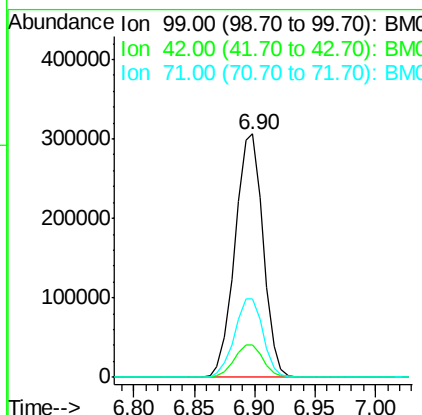
BNA_M

ClientSampleId :

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Manual Integrations
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#8

2-Chlorophenol

Concen: 39.18 ng

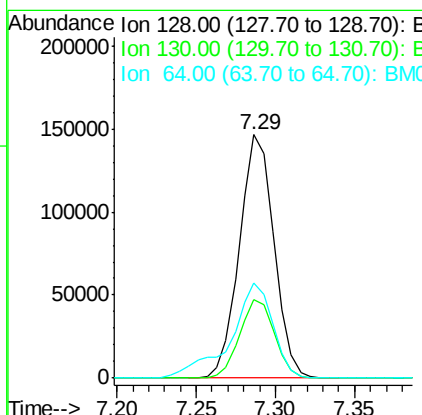
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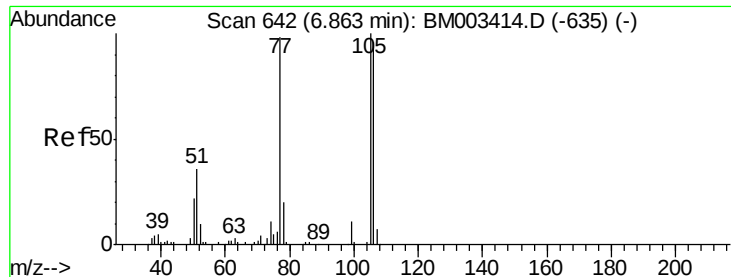
Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		222398		
130	32.4	12.0	52.0		
64	39.3	24.9	64.9		





#9

Benzaldehyde

Concen: 29.23 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

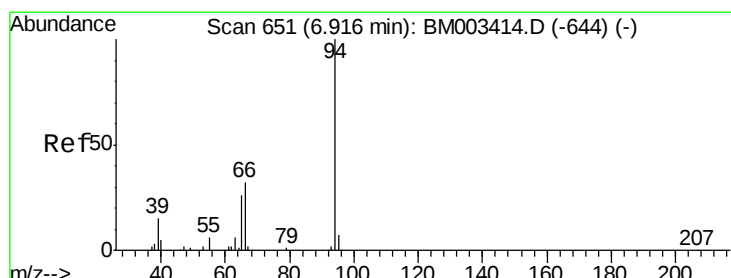
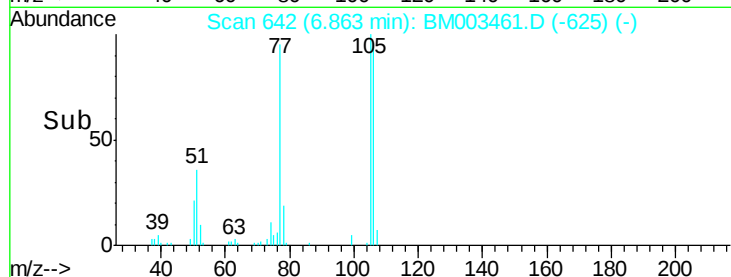
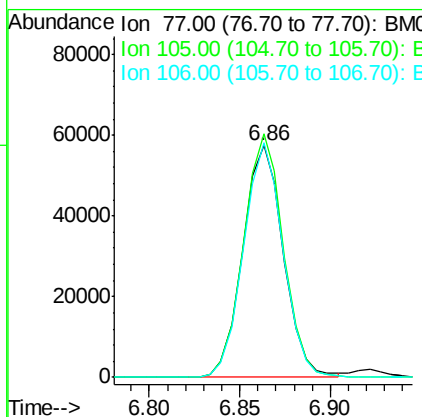
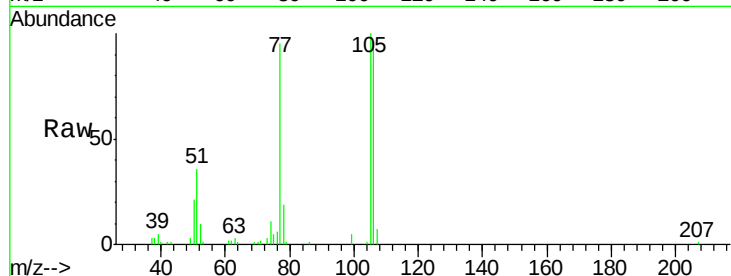
ClientSampleId :

PB87185BSD

Manual Integrations
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Tot Ion:	77	Resp:	89210
Ion	Ratio	Lower	Upper
77	100		
105	105.1	78.8	118.8
106	101.2	73.7	113.7



#10

Phenol

Concen: 39.33 ng

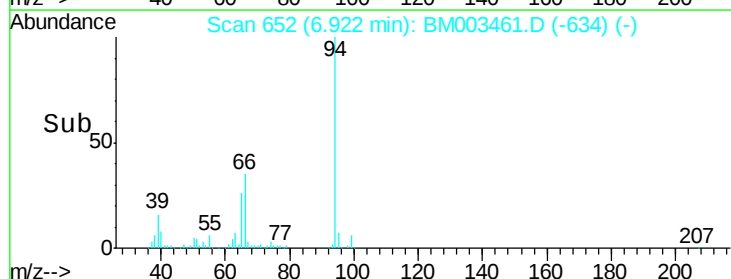
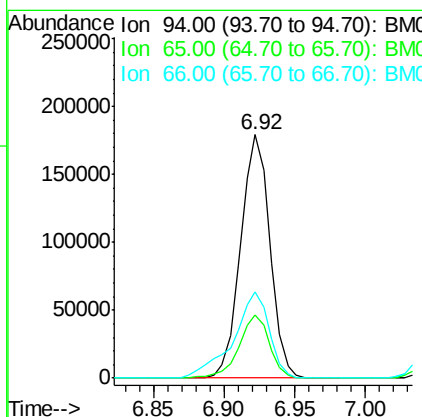
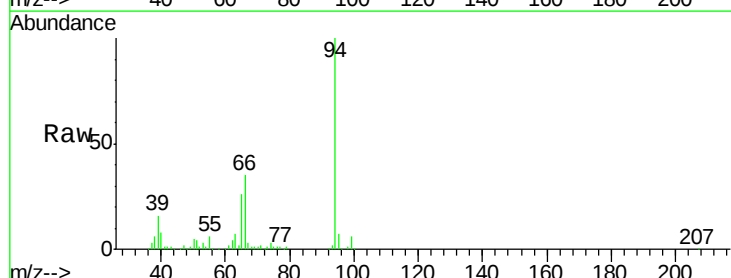
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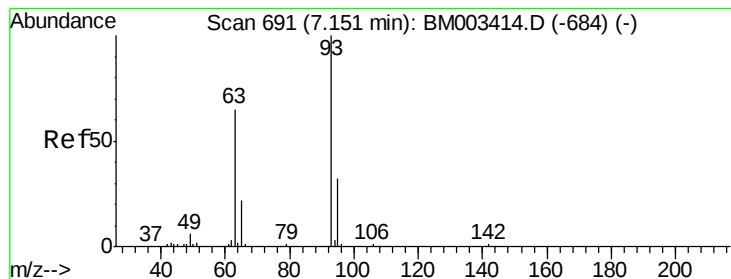
Delta R.T. 0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	94	Resp:	259775
Ion	Ratio	Lower	Upper
94	100		
65	25.9	18.8	58.8
66	35.2	39.9	79.9#





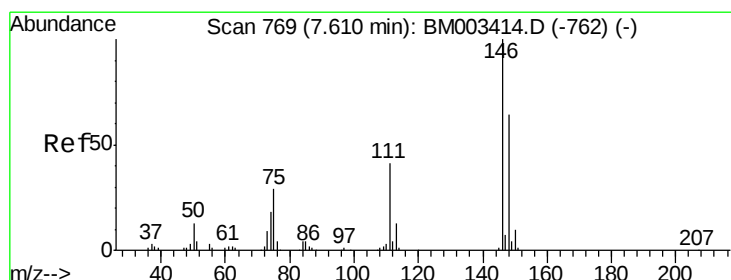
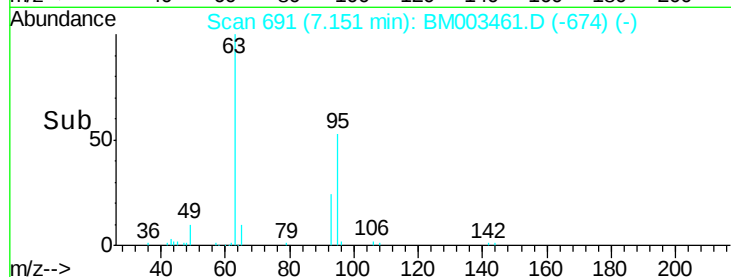
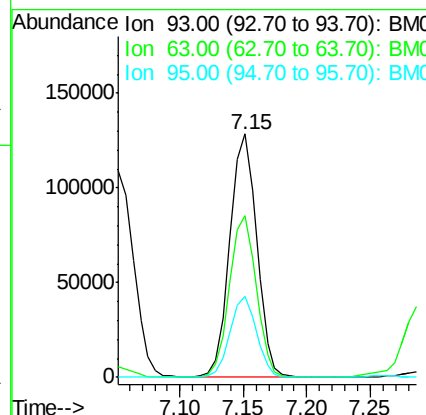
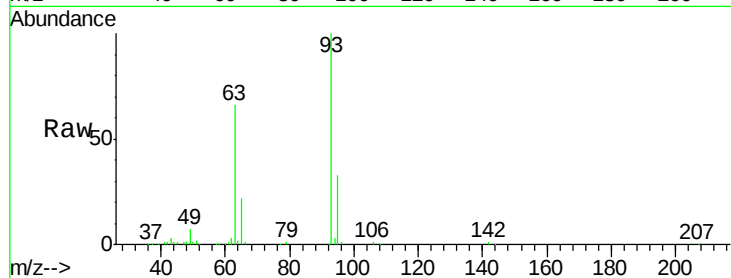
#11
bis(2-Chloroethyl)ether
Concen: 35.06 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	187342		
63	66.3	49.5	89.5	
95	33.1	13.5	53.5	

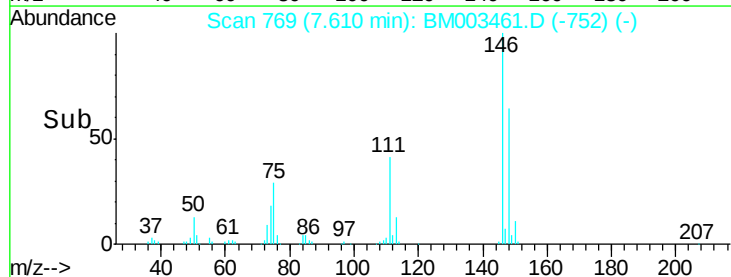
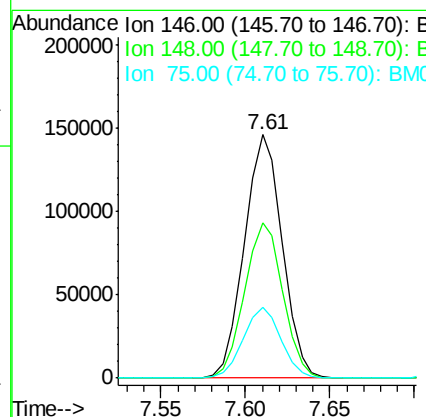
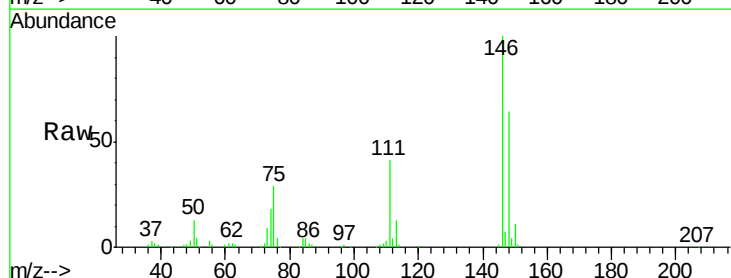
Manual Integrations
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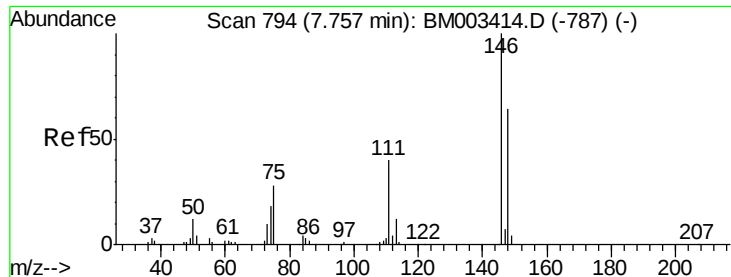
MMdadoda
12/11/2015 6:00:41 PM



#12
1,3-Dichlorobenzene
Concen: 36.50 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	227556		
148	63.6	50.9	76.3	
75	28.9	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 36.22 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

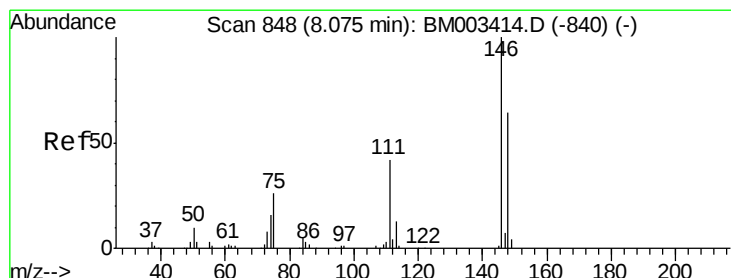
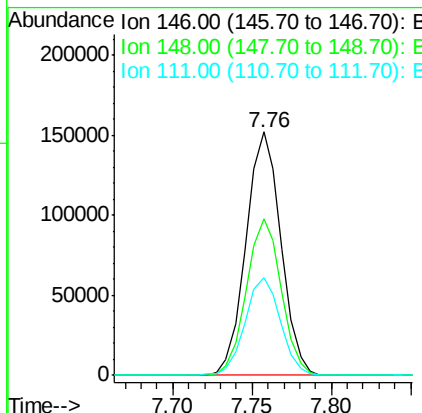
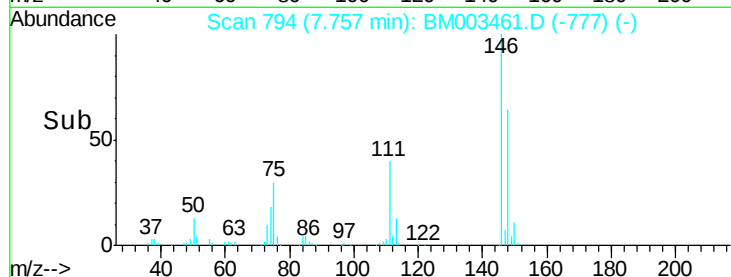
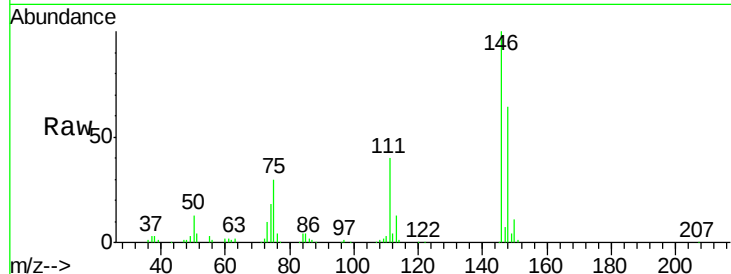
ClientSampleId :

PB87185BSD

Tot Ion:	146	Resp:	232852
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.9	77.9
111	40.3	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 36.64 ng

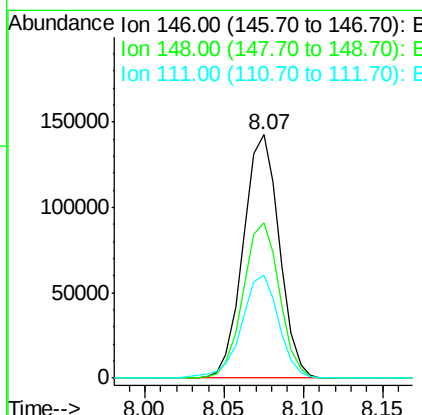
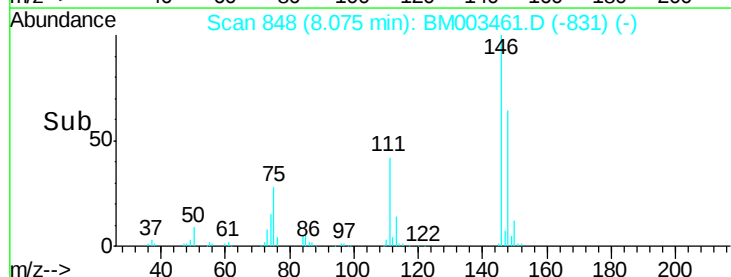
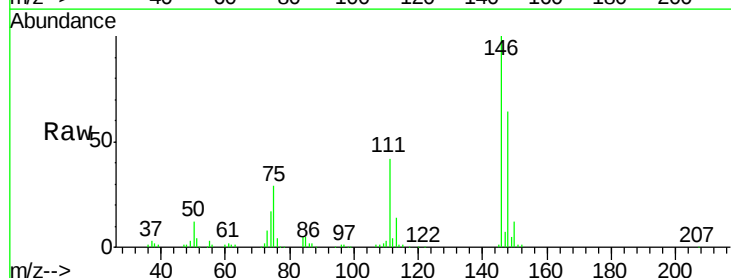
RT: 8.07 min Scan# 848

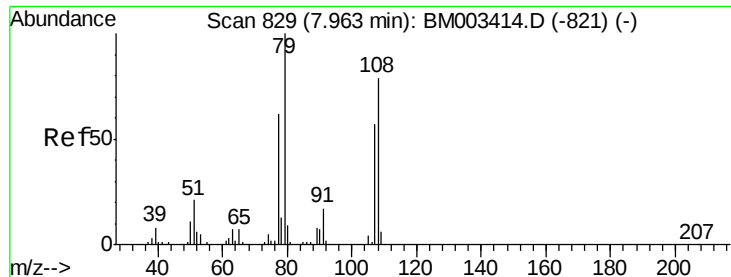
Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	146	Resp:	224944
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.3	78.5
111	42.0	30.6	45.8





#15

Benzyl Alcohol

Concen: 40.18 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

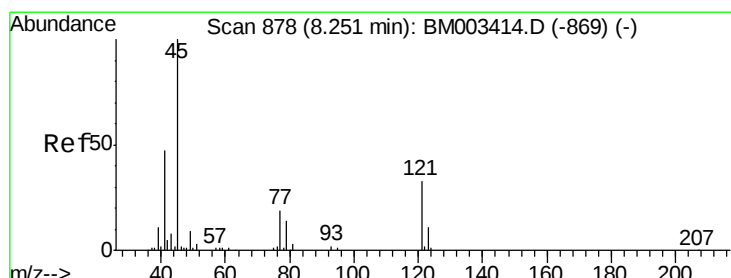
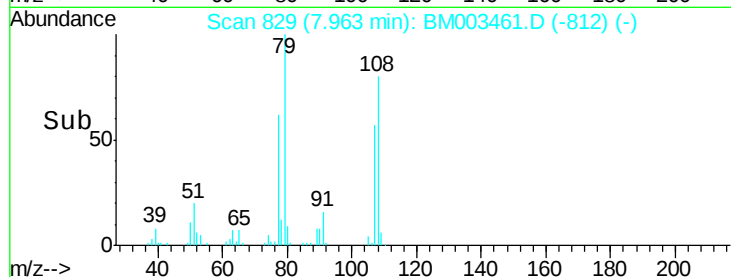
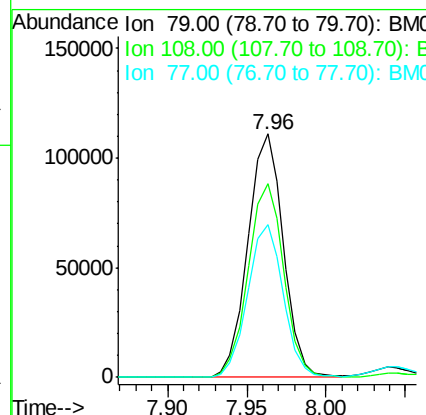
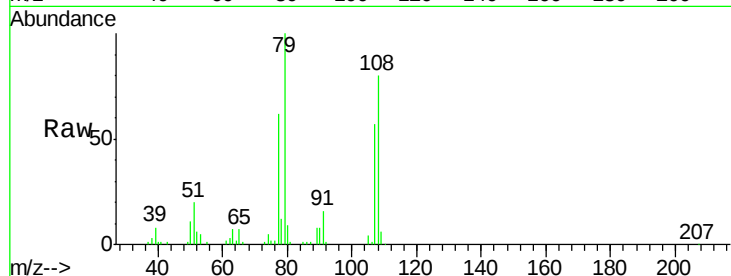
ClientSampleId :

PB87185BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	65.0	97.4
77	62.5	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.78 ng

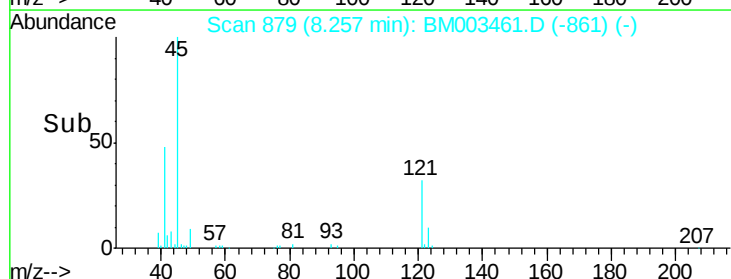
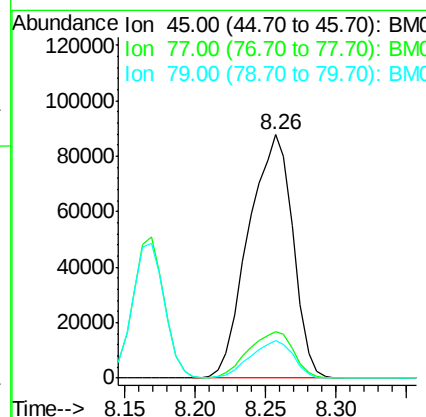
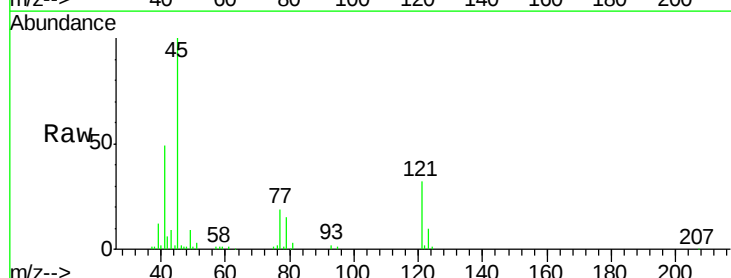
RT: 8.26 min Scan# 879

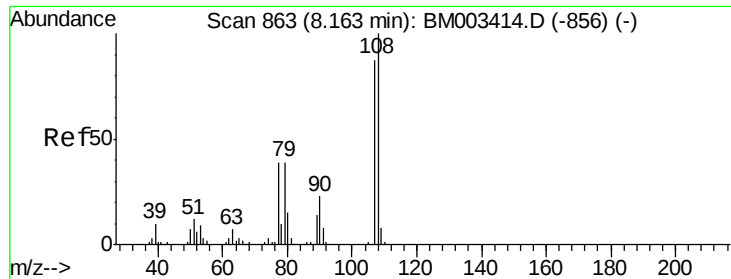
Delta R.T. 0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.1	0.0	35.2
79	15.4	0.0	32.0





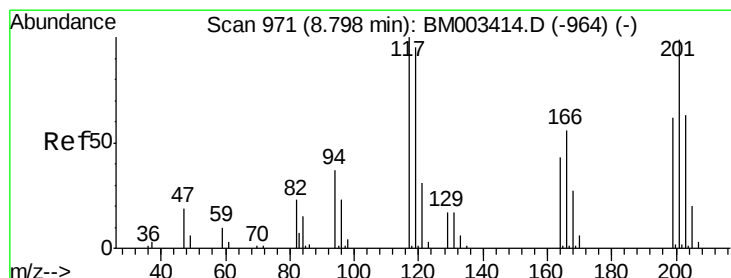
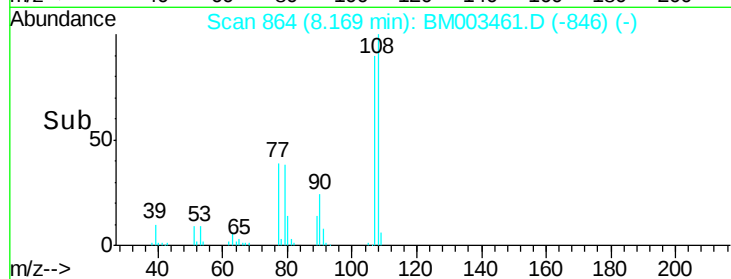
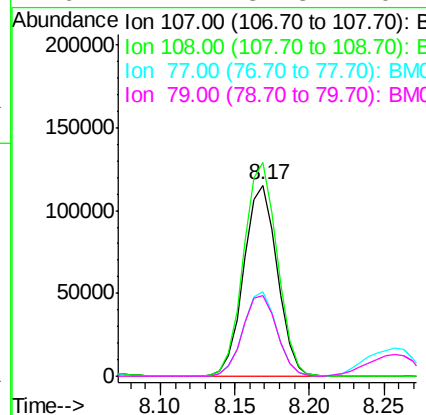
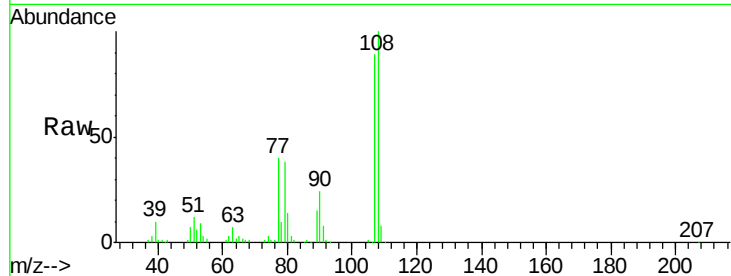
#17
2-Methylphenol
Concen: 38.84 ng
RT: 8.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	179363		
108	111.9	89.8	134.8	
77	44.3	32.6	48.8	
79	42.4	32.8	49.2	

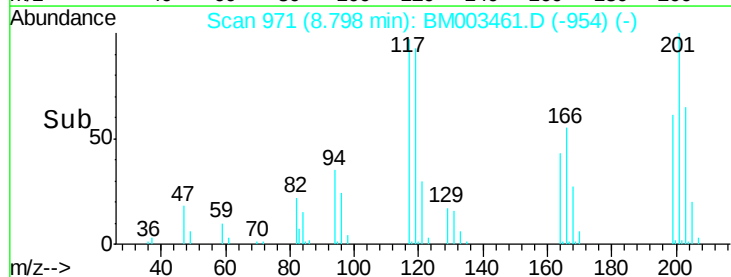
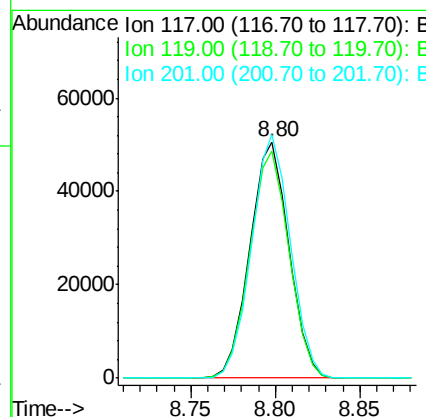
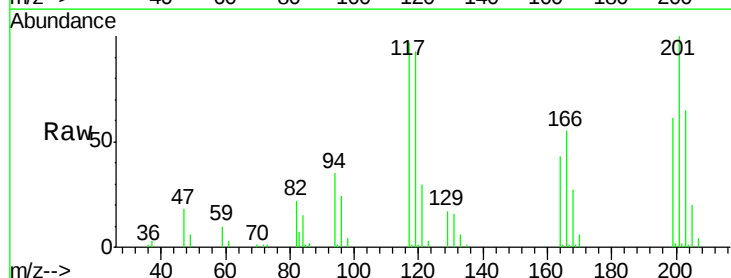
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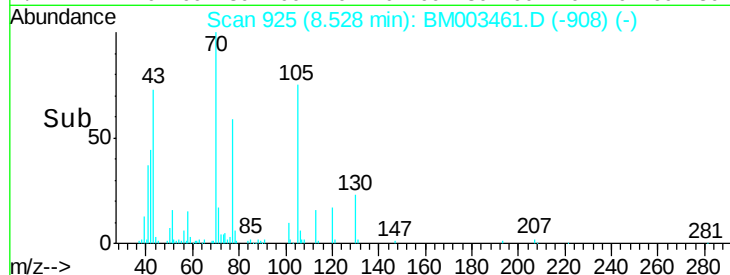
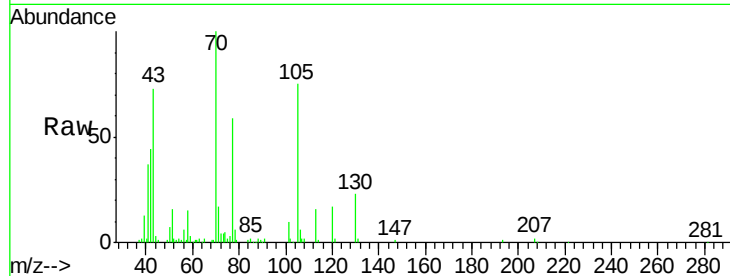
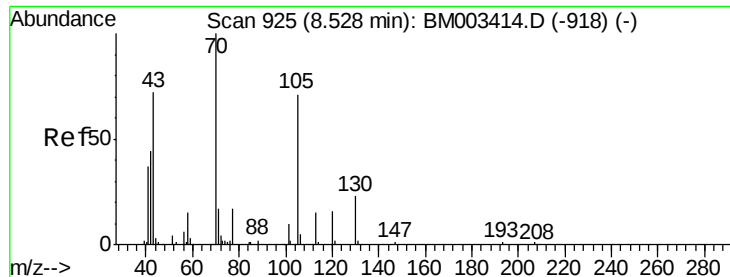
MMdadoda
12/11/2015 6:00:41 PM



#18
Hexachloroethane
Concen: 36.83 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81356		
119	95.9	79.2	118.8	
201	103.1	69.8	104.6	





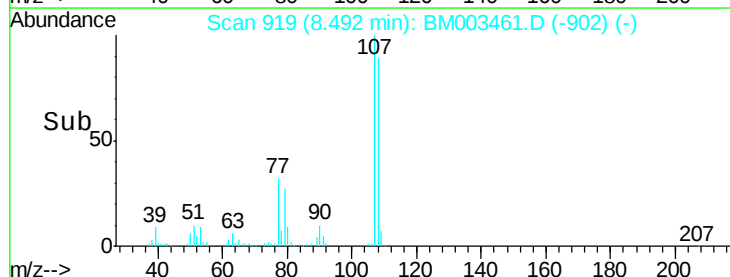
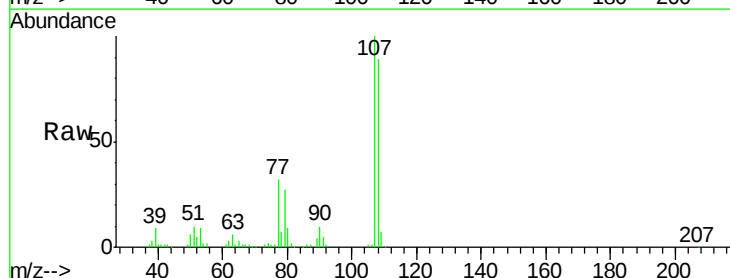
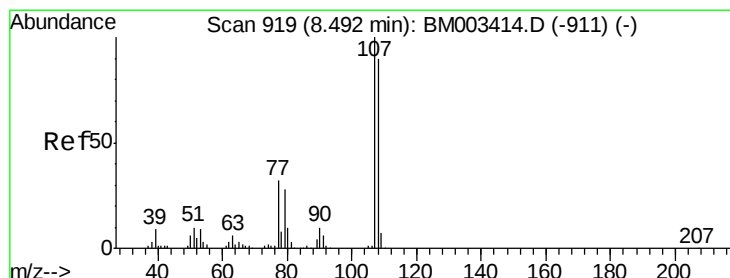
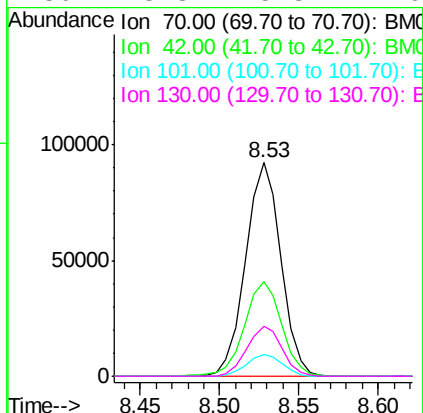
#19
n-Nitroso-di-n-propylamine
Concen: 34.88 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	44.5	66.7#
101	10.4	7.4	11.2
130	23.3	15.3	22.9#

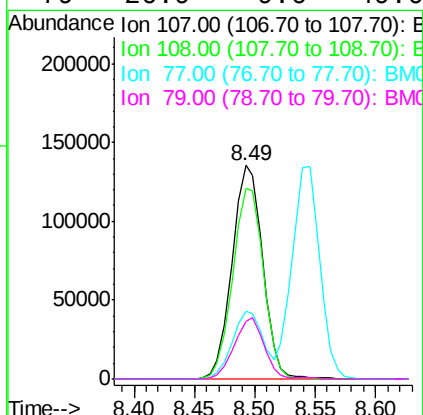
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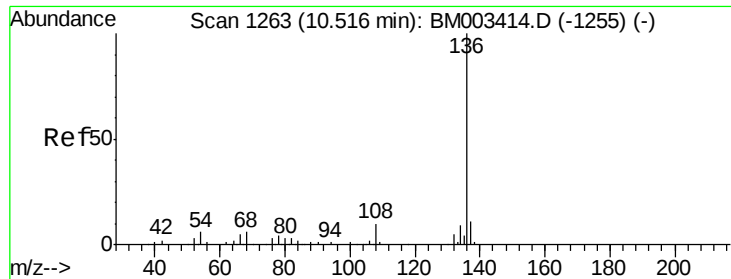
MMdadoda
12/11/2015 6:00:41 PM



#20
3+4-Methylphenols
Concen: 37.48 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	73.2	113.2
77	31.6	10.7	50.7
79	26.9	9.6	49.6





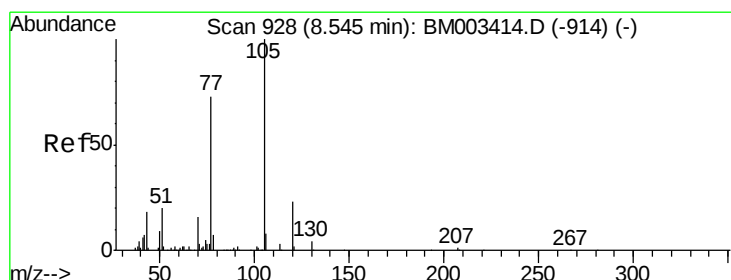
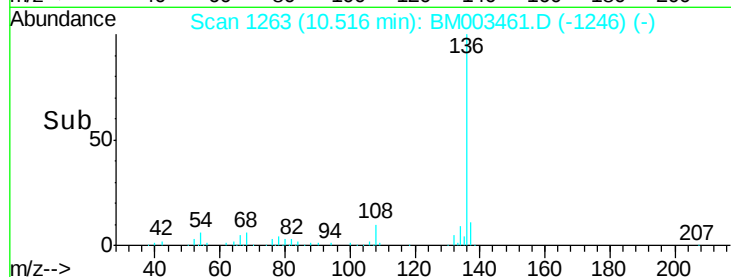
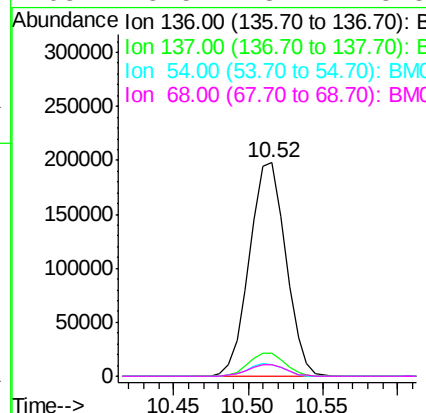
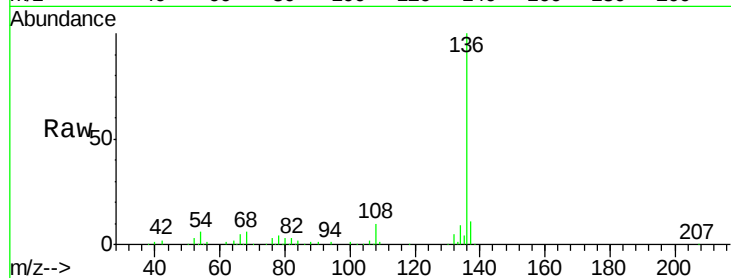
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		333584		
137	11.1	8.7	13.1		
54	5.6	4.6	6.8		
68	5.5	3.7	5.5#		

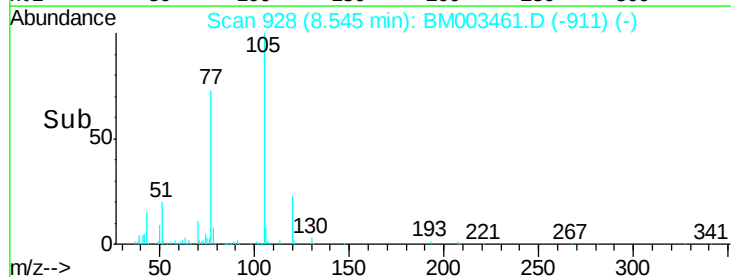
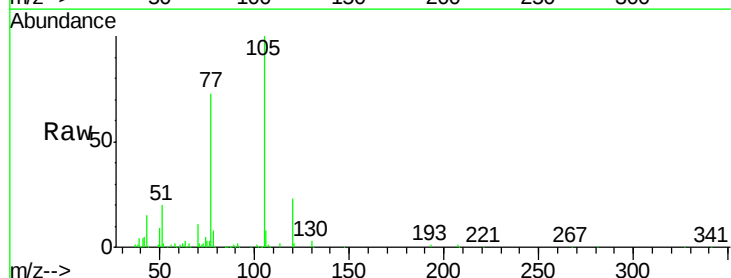
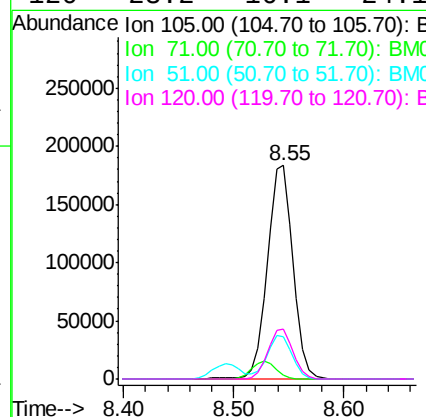
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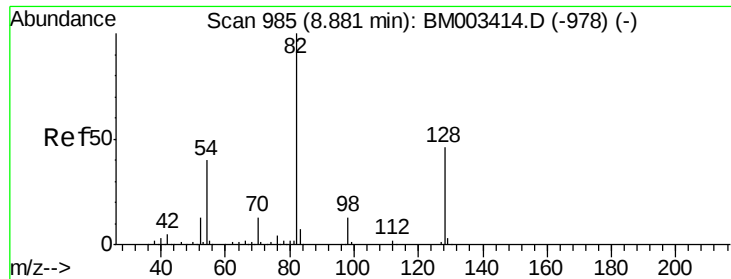
MMdadoda
12/11/2015 6:00:41 PM



#22
Acetophenone
Concen: 36.38 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		297463		
71	1.8	0.6	1.0#		
51	19.6	21.6	32.4#		
120	23.2	16.1	24.1		





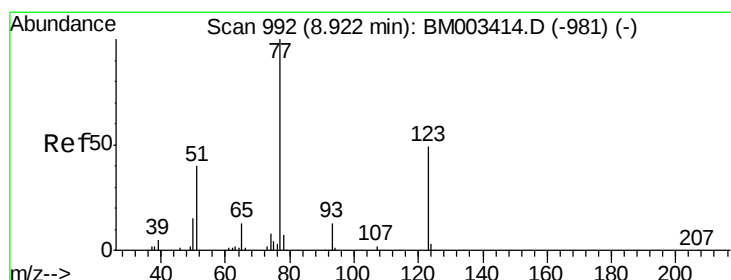
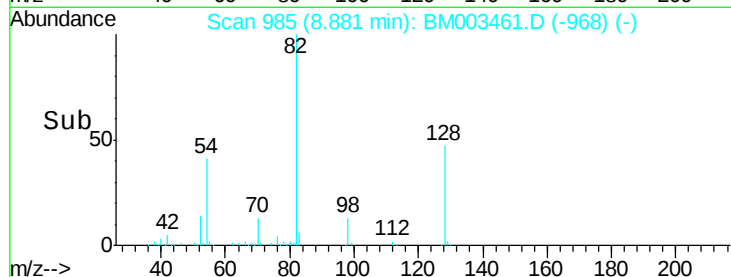
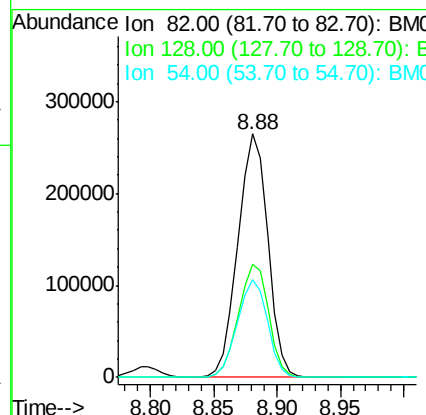
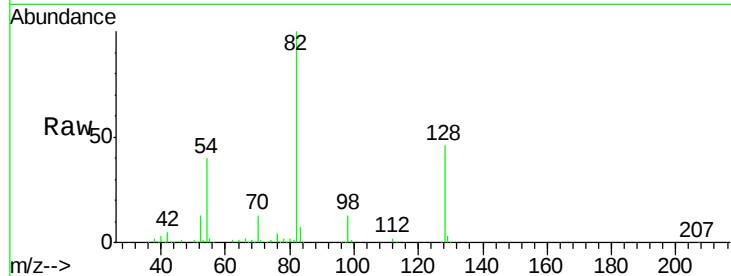
#23
Nitrobenzene-d5
Concen: 80.57 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	32.8	49.2
54	39.9	40.6	60.8

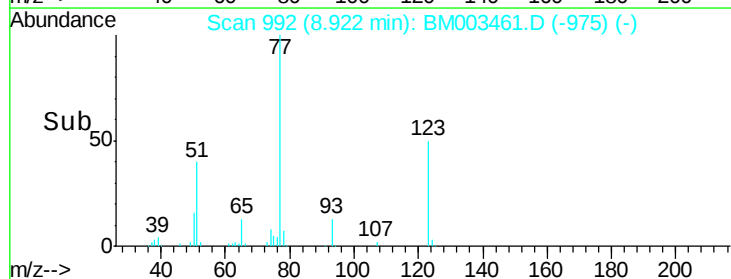
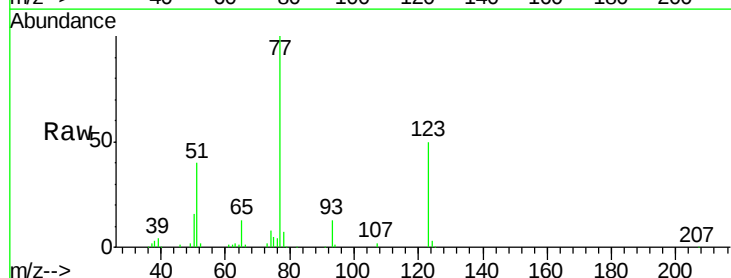
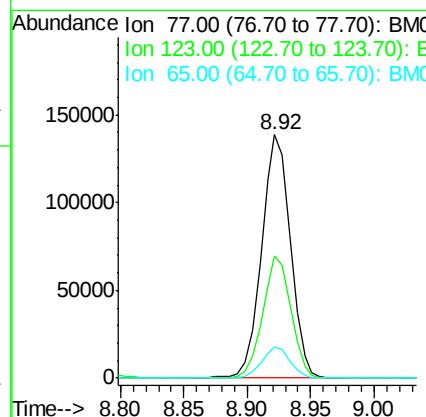
Manual Integrations
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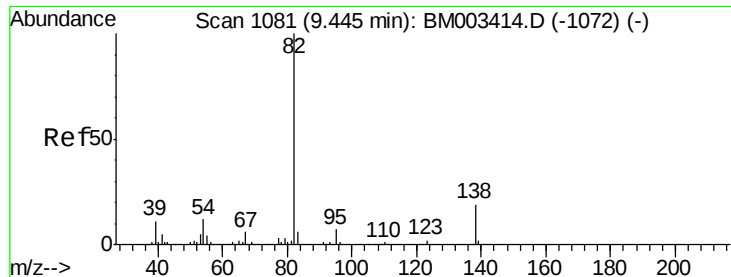
MMdadoda
12/11/2015 6:00:41 PM



#24
Nitrobenzene
Concen: 37.84 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	32.6	49.0
65	12.9	10.9	16.3





#25

Isophorone

Concen: 36.02 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

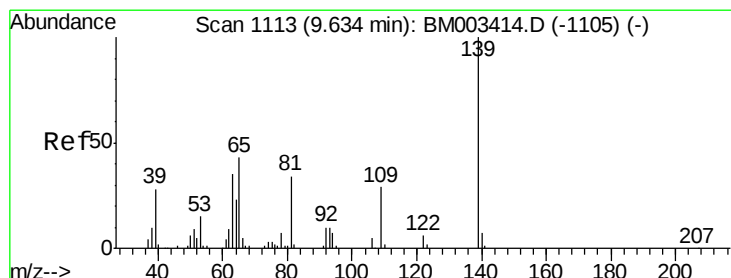
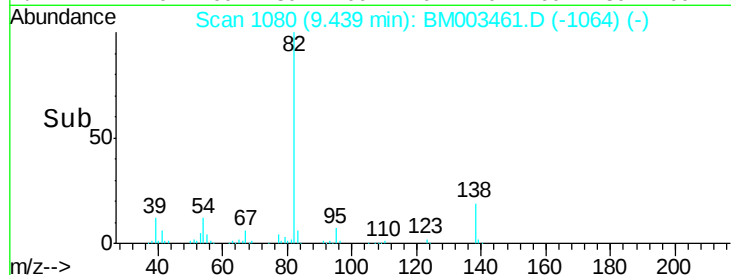
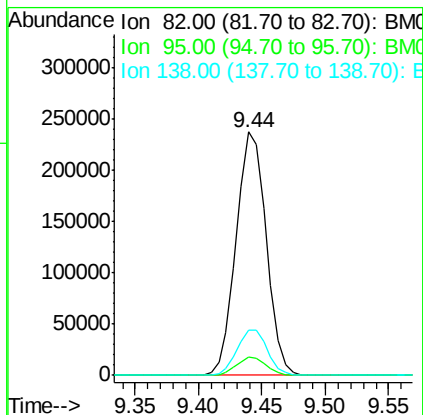
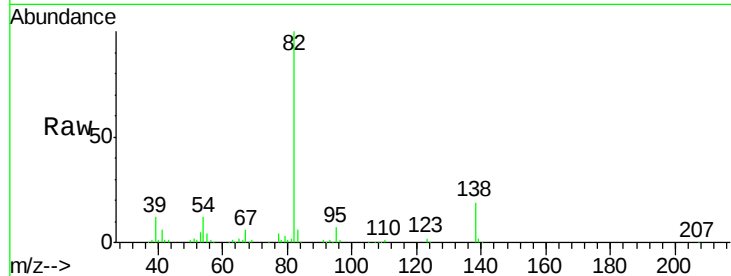
ClientSampleId :

PB87185BSD

Tot Ion:	82	Resp:	391993
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.8	8.6
138	18.7	16.3	24.5

Manual Integrations
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MMdadoda
12/11/2015 6:00:41 PM



#26

2-Nitrophenol

Concen: 38.35 ng

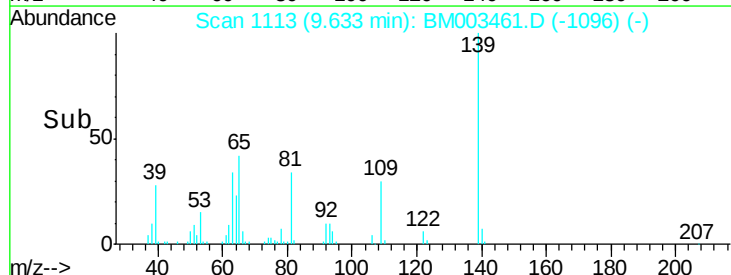
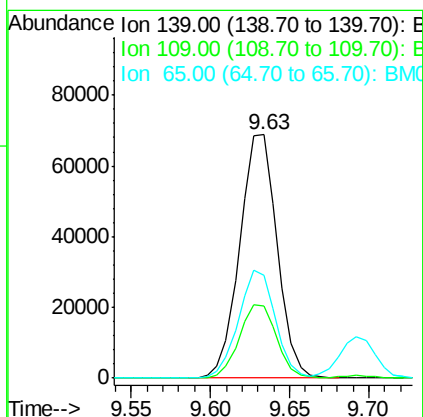
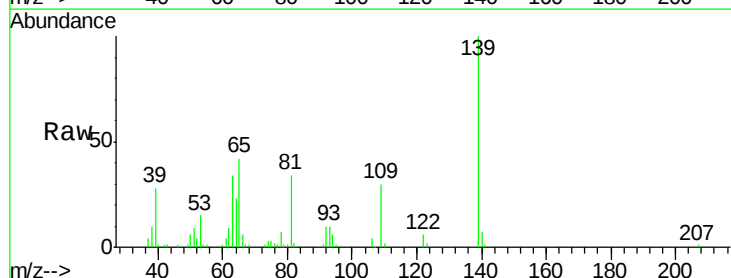
RT: 9.63 min Scan# 1113

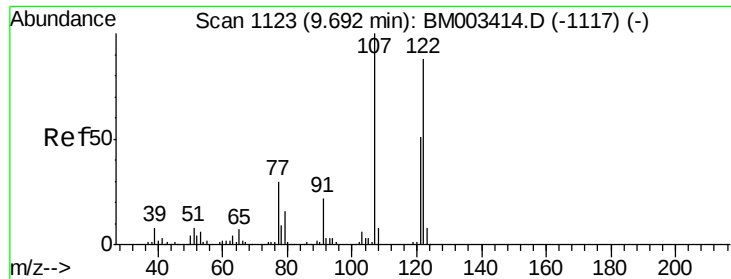
Delta R.T. 0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	139	Resp:	112816
Ion Ratio		Lower	Upper
139	100		
109	29.9	20.1	30.1
65	42.4	31.5	47.3





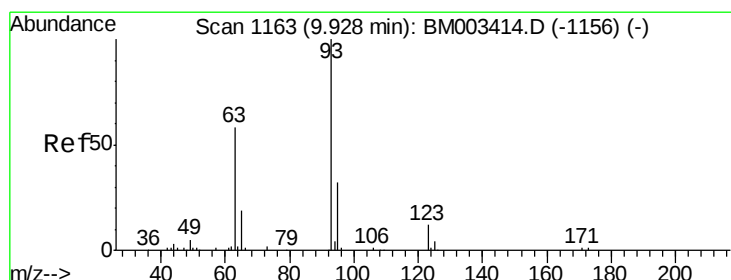
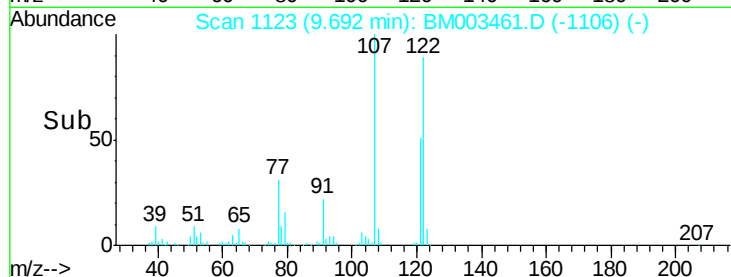
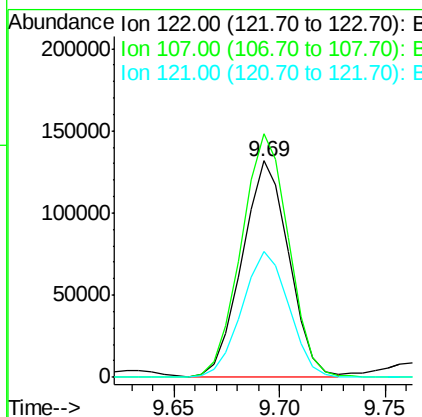
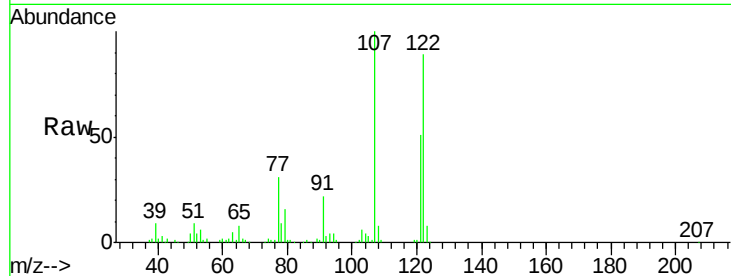
#27
2,4-Dimethylphenol
Concen: 39.32 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	84.7	127.1
121	57.9	46.6	69.8

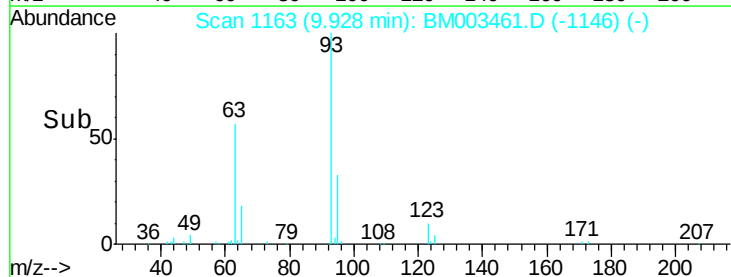
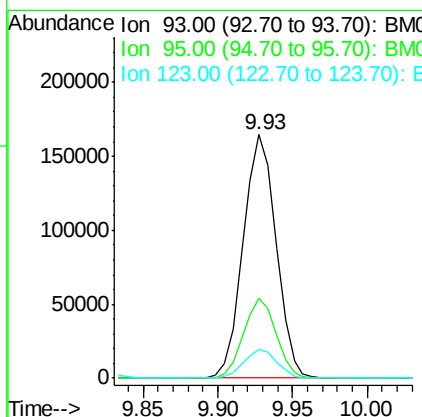
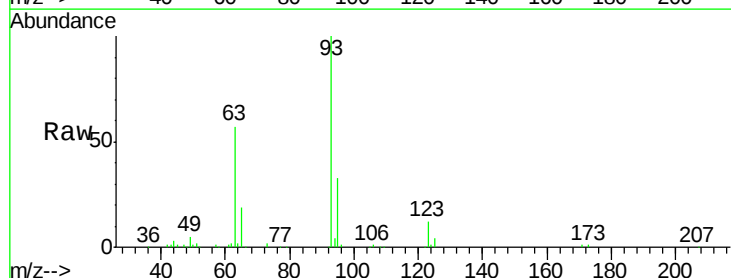
Manual Integrations
APPROVED

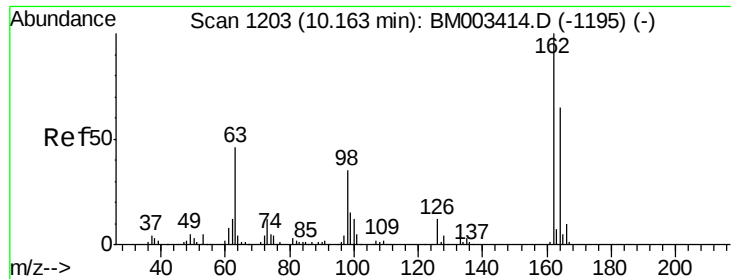
MMdadoda
12/11/2015 6:00:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.37 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	11.9	8.6	13.0





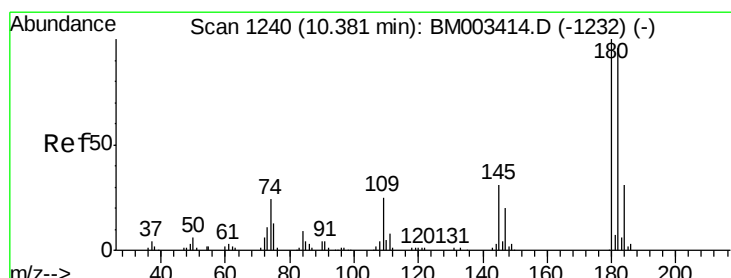
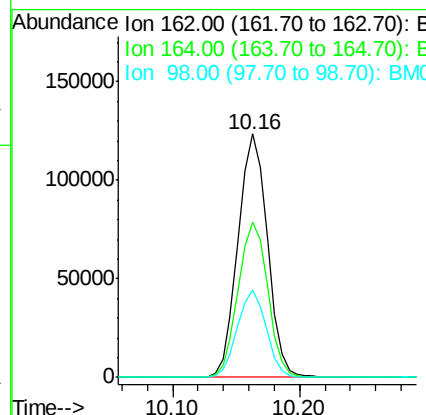
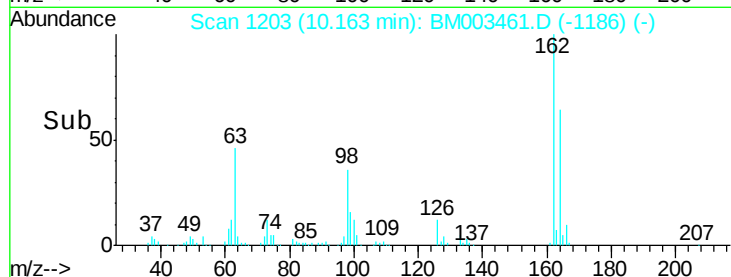
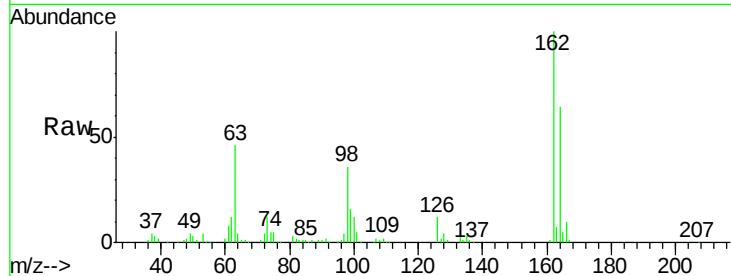
#29
2,4-Dichlorophenol
Concen: 40.74 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	198802		
164	63.8	42.8	82.8	
98	35.8	14.5	54.5	

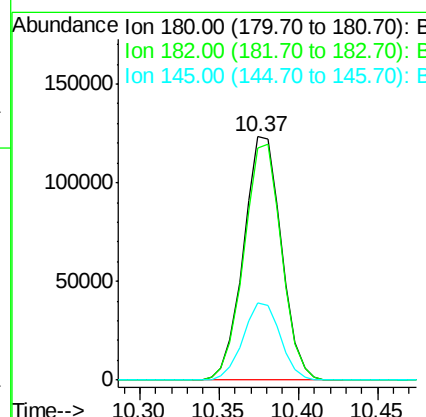
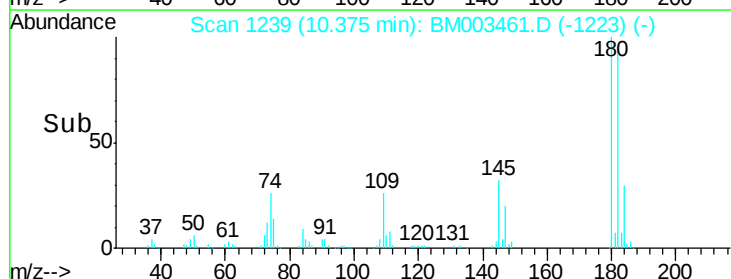
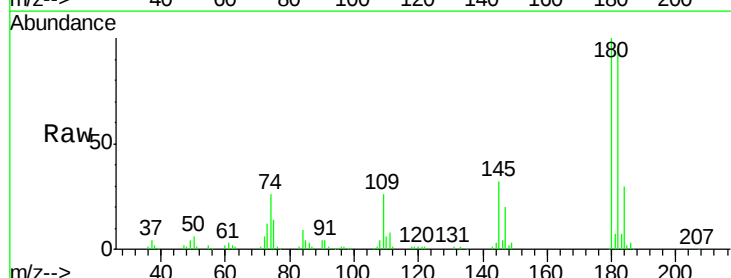
Manual Integrations
APPROVED

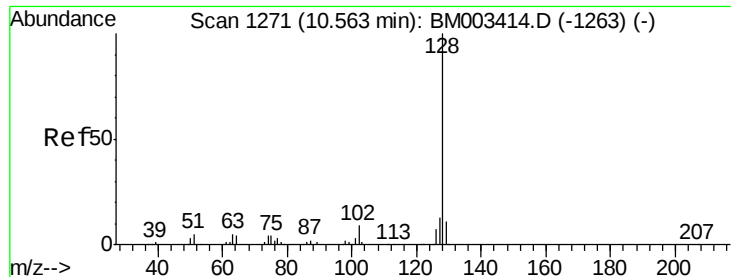
MMdadoda
12/11/2015 6:00:41 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.43 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203959		
182	95.3	77.6	116.4	
145	31.7	23.4	35.2	





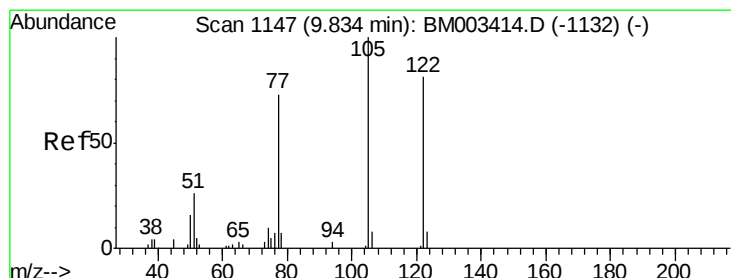
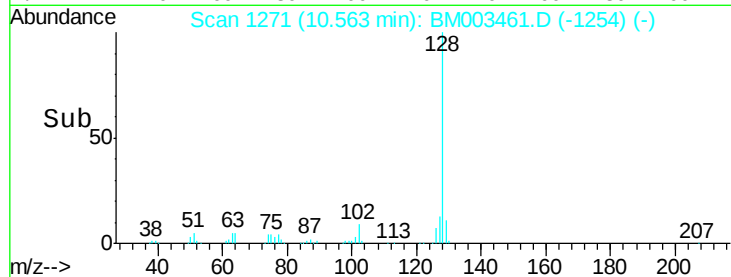
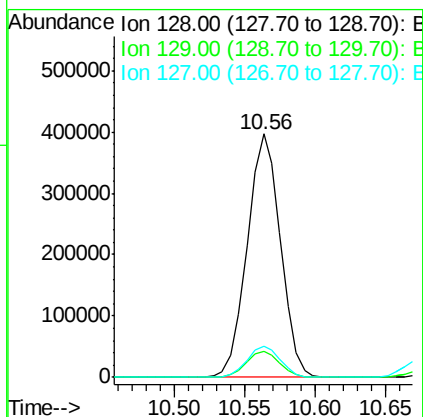
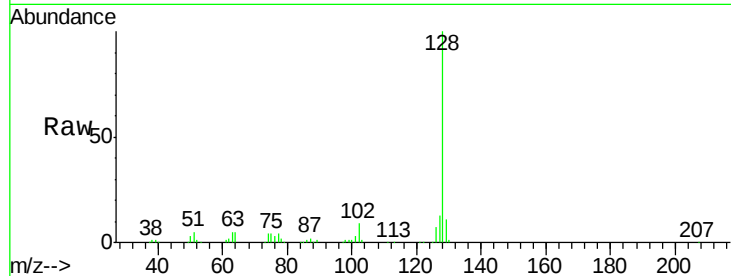
#31
Naphthalene
Concen: 37.54 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	655208		
129	10.7		8.9	13.3
127	12.9		10.4	15.6

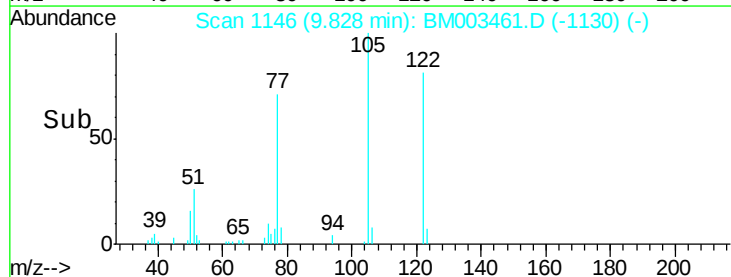
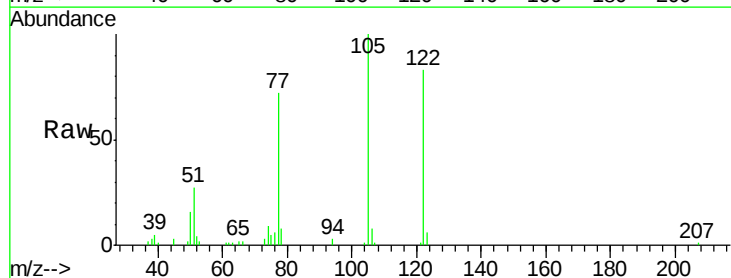
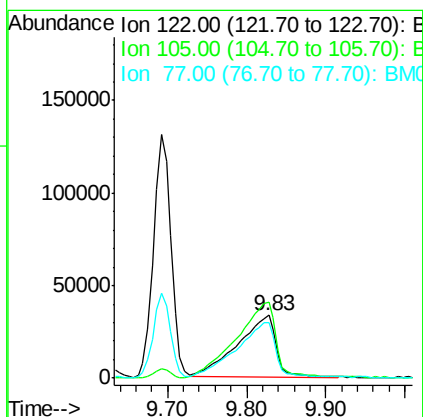
Manual Integrations
APPROVED

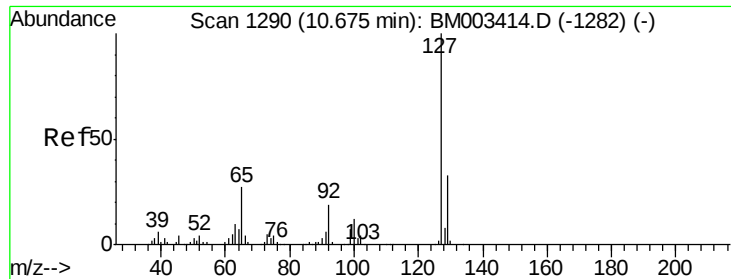
MMdadoda
12/11/2015 6:00:41 PM



#32
Benzoic acid
Concen: 38.07 ng m
RT: 9.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	112752		
105	121.1		99.9	139.9
77	87.3		73.7	113.7





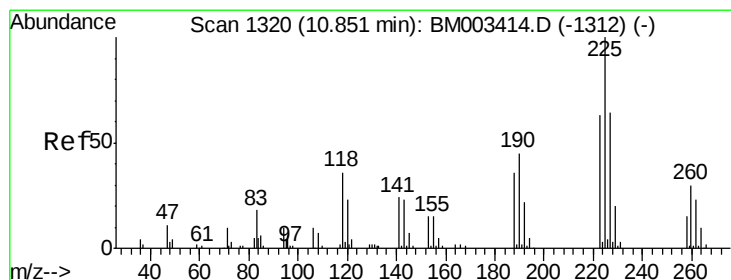
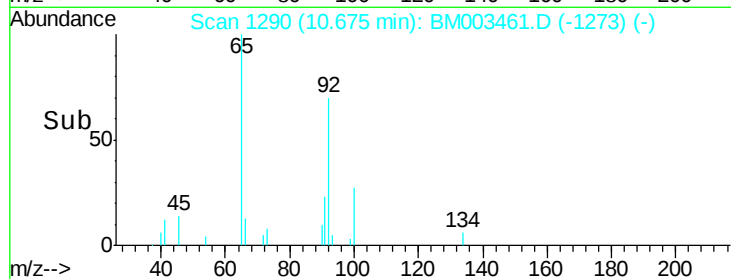
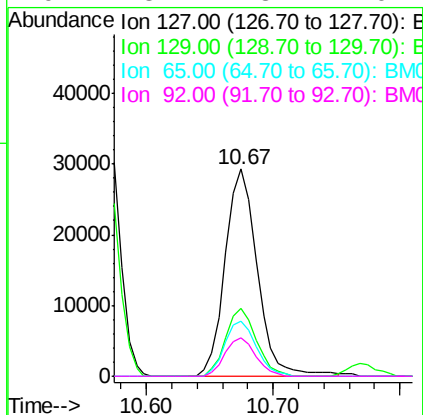
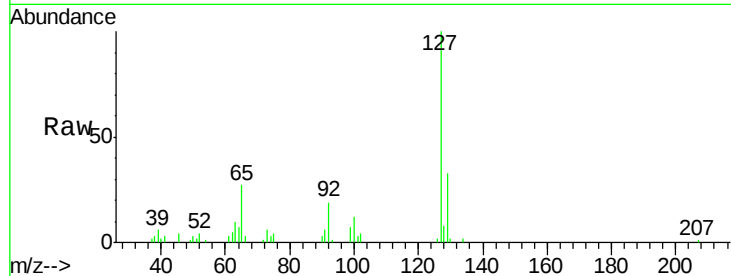
#33
4-Chloroaniline
Concen: 7.16 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		51577		
129	33.0	25.3	37.9		
65	26.7	17.6	26.4		
92	18.7	13.1	19.7		

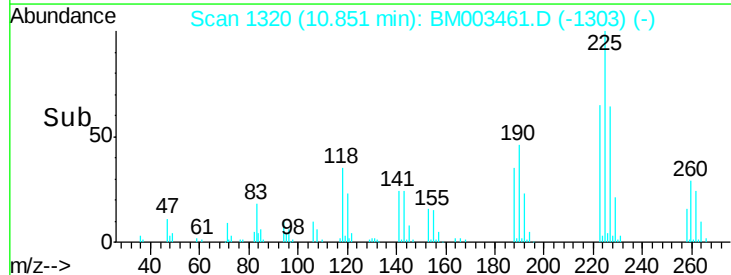
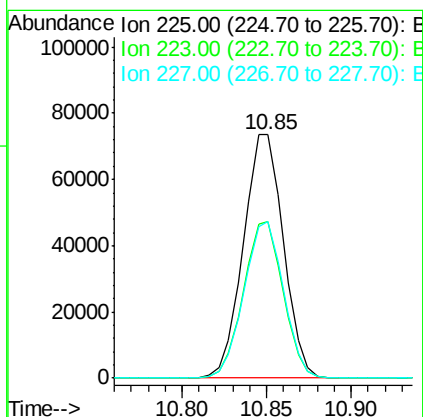
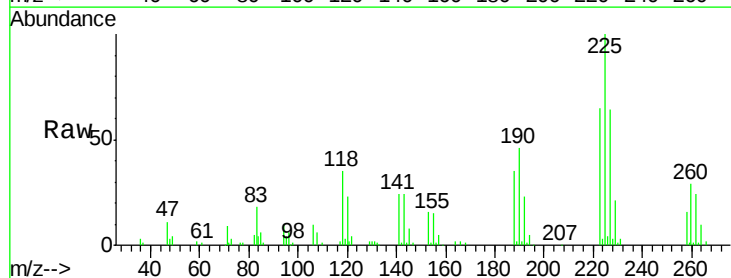
Manual Integrations
APPROVED

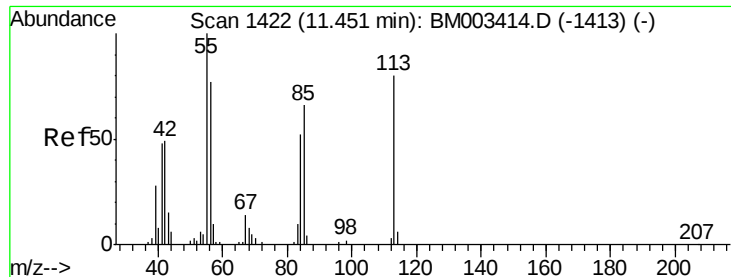
MMdadoda
12/11/2015 6:00:41 PM



#34
Hexachlorobutadiene
Concen: 37.63 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		121567		
223	64.5	47.9	71.9		
227	64.1	50.1	75.1		





#35

Caprolactam

Concen: 33.14 ng

RT: 11.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

ClientSampleId :

PB87185BSD

Tot Ion:113 Resp: 53456

Ion Ratio Lower Upper

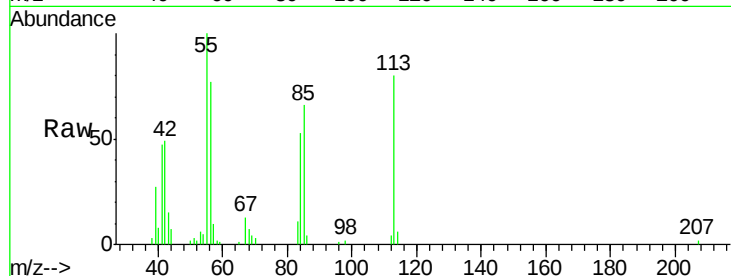
113 100

55 125.7 145.9 185.9#

56 96.9 101.0 141.0#

Manual Integrations
APPROVED

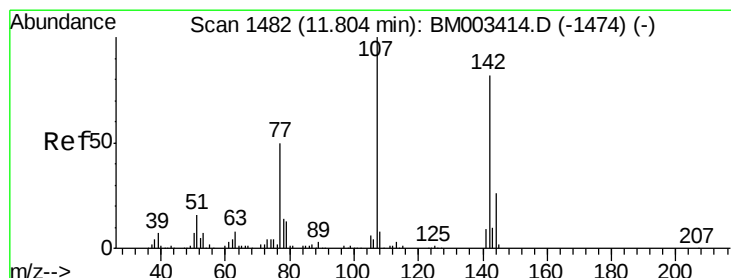
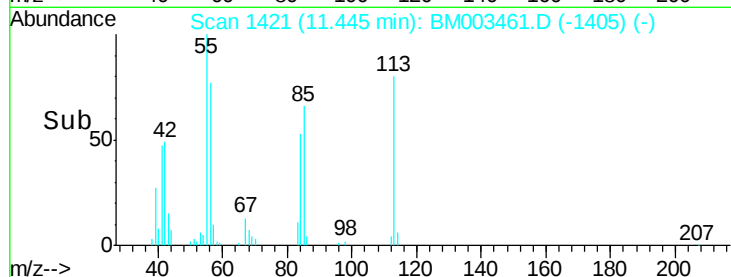
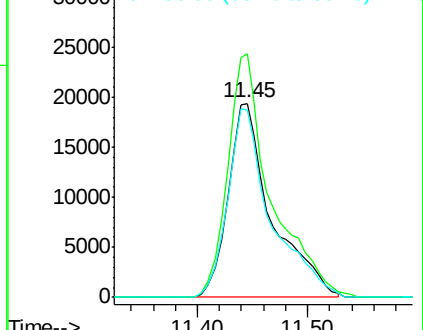
MMdadoda
12/11/2015 6:00:41 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 35.97 ng

RT: 11.81 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

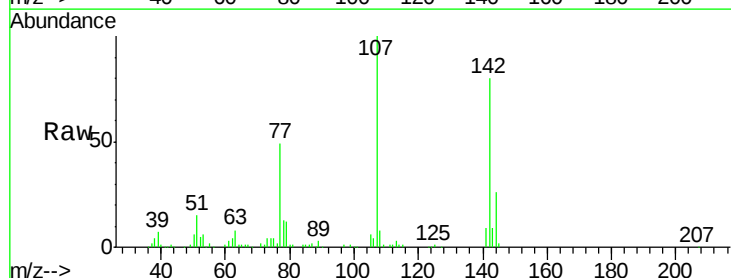
Tgt Ion:107 Resp: 197923

Ion Ratio Lower Upper

107 100

144 26.1 23.3 34.9

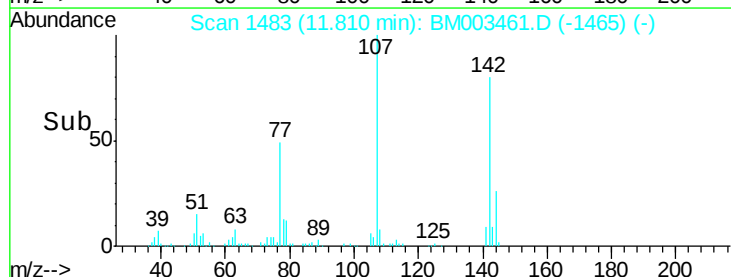
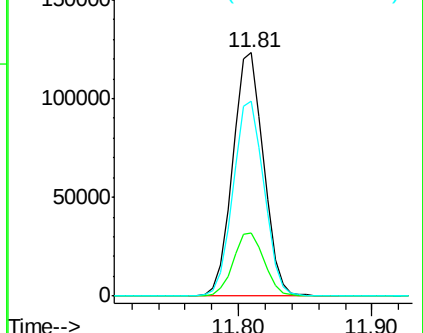
142 79.9 72.6 109.0

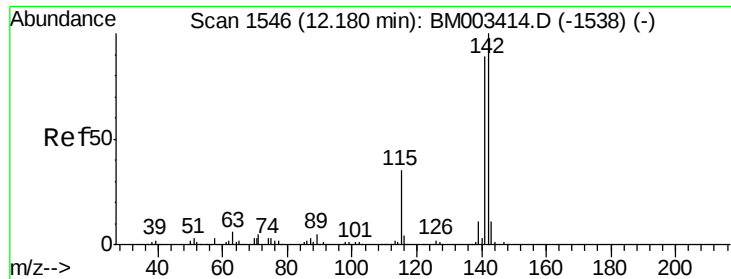


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





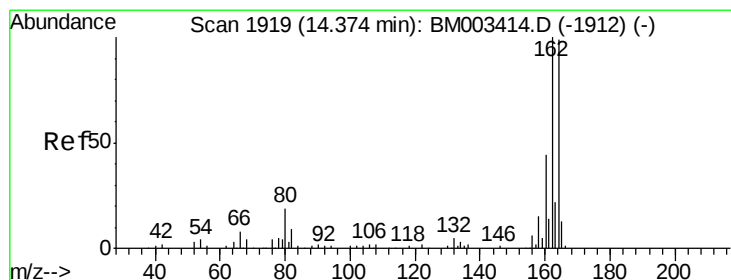
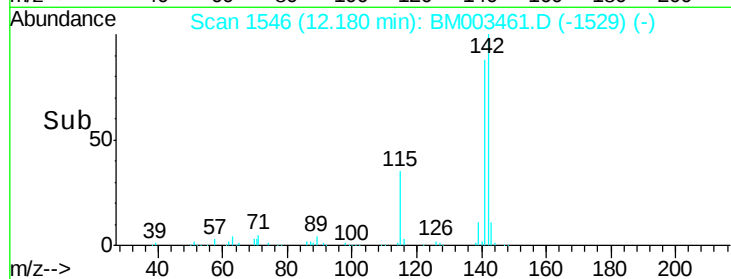
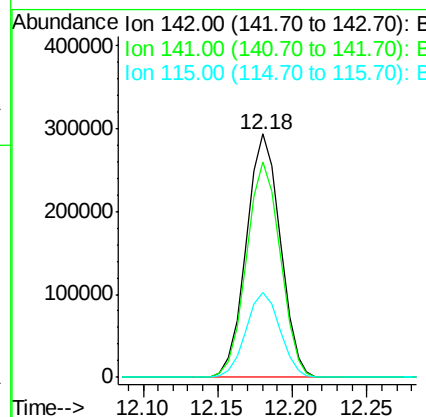
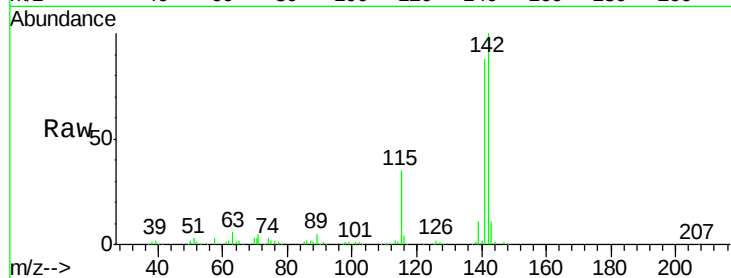
#37
2-Methylnaphthalene
Concen: 38.54 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	35.0	25.4	38.0

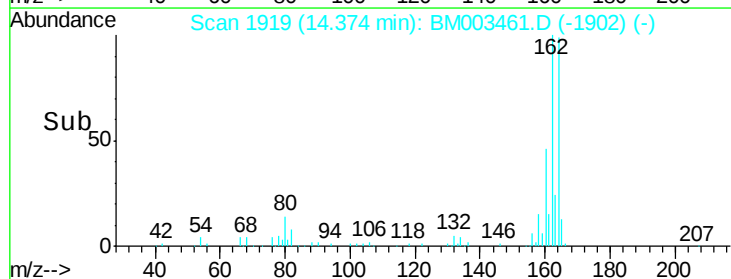
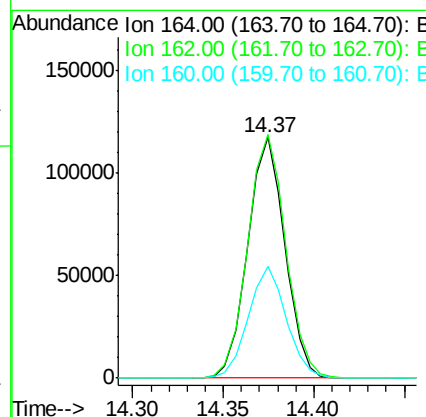
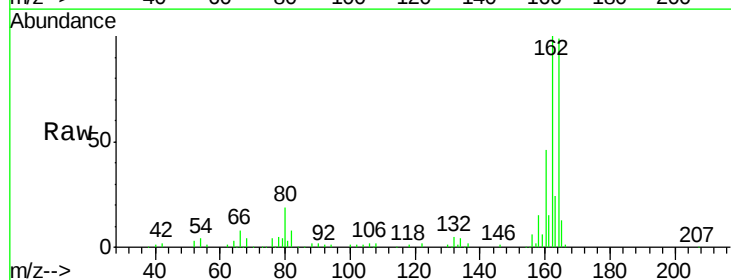
Manual Integrations
APPROVED

MMdadoda
12/11/2015 6:00:41 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	46.2	35.8	53.6





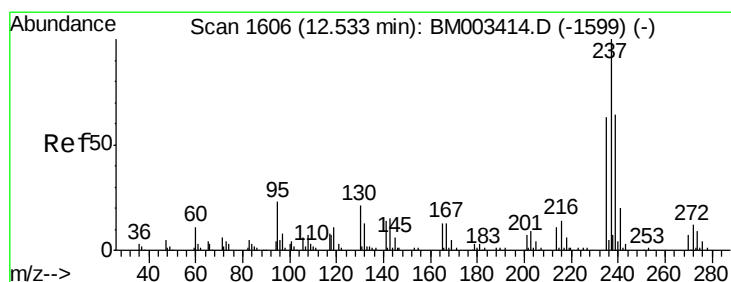
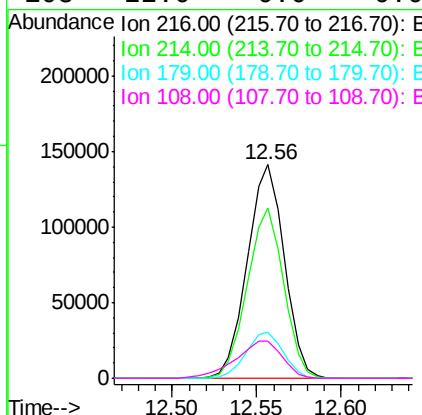
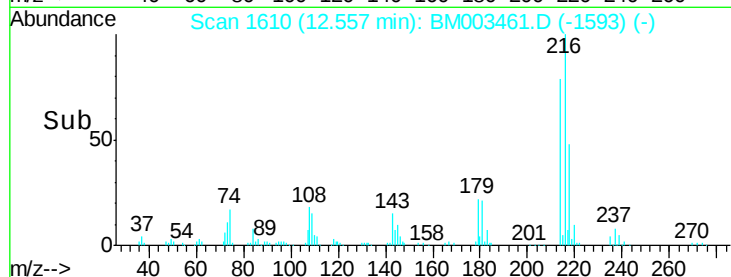
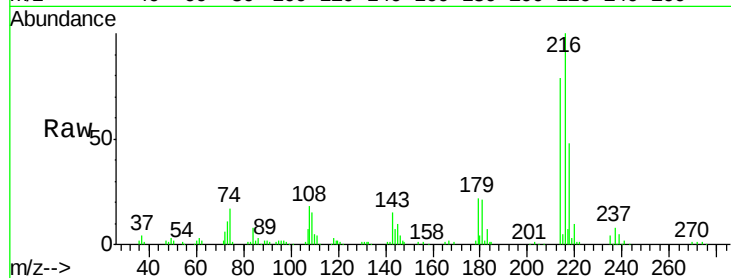
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.17 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	21.8	0.0	0.0#
108	22.0	0.0	0.0#

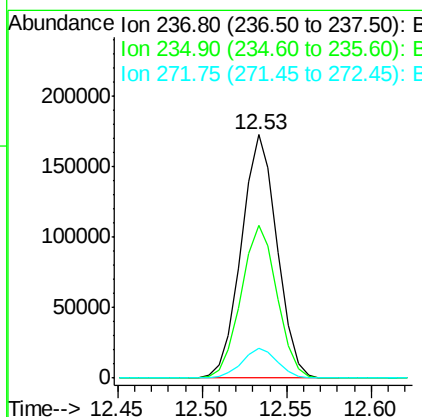
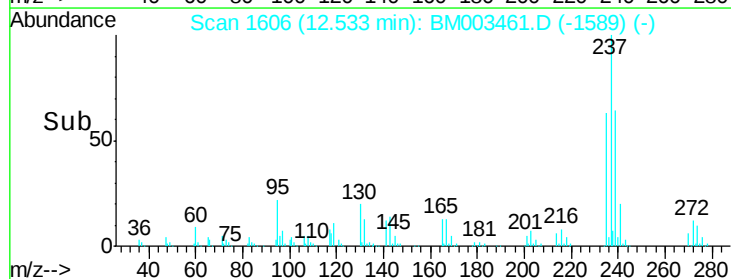
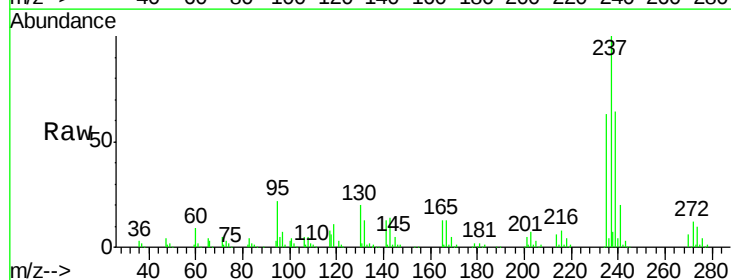
Manual Integrations
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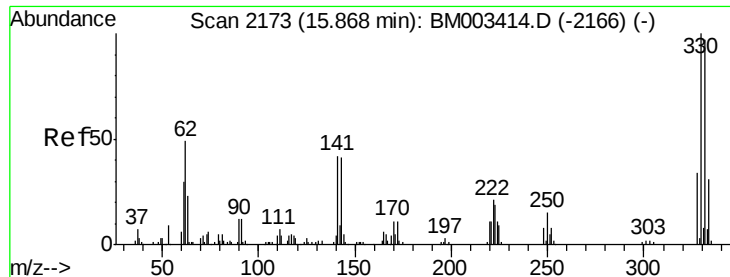
MMdadoda
 12/11/2015 6:00:41 PM



#40
 Hexachlorocyclopentadiene
 Concen: 84.88 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	42.0	82.0
272	12.2	0.0	33.4





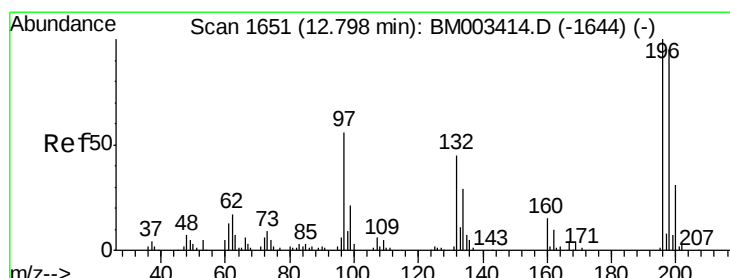
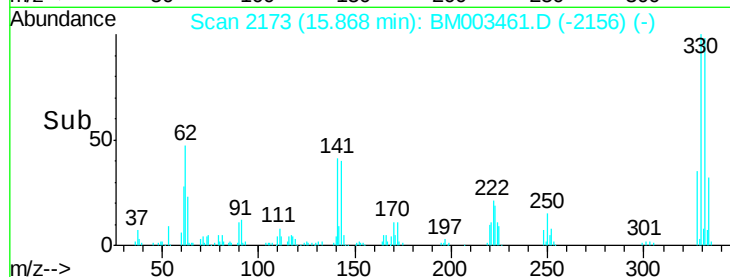
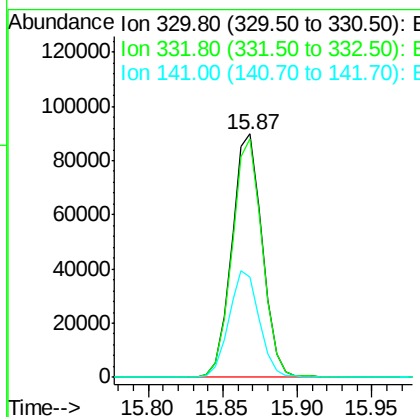
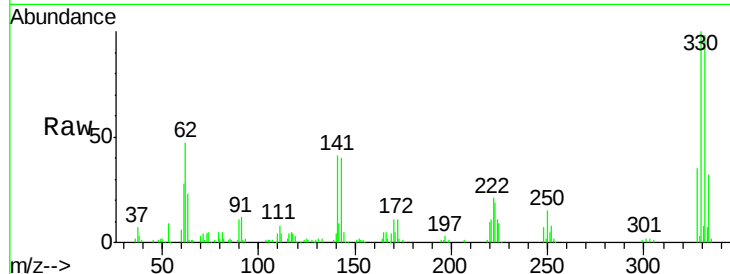
#41
 2,4,6-Tribromophenol
 Concen: 76.75 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	127920		
332	97.0	0.0	0.0	0.0
141	43.6	0.0	0.0	0.0

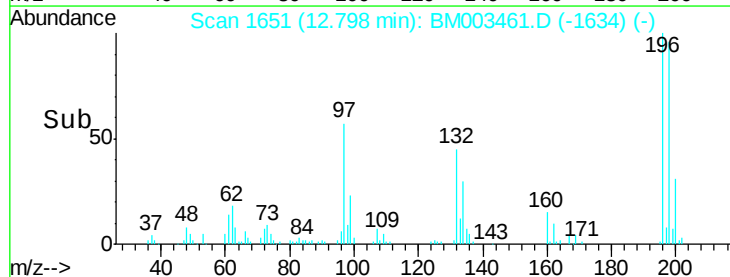
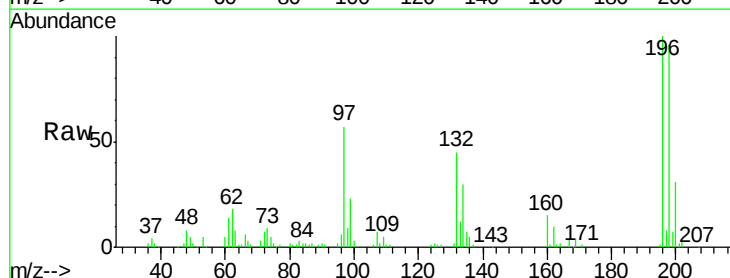
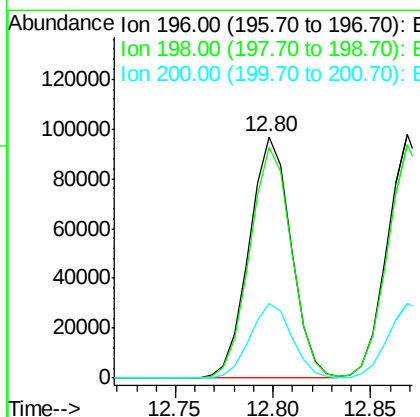
Manual Integrations
 APPROVED

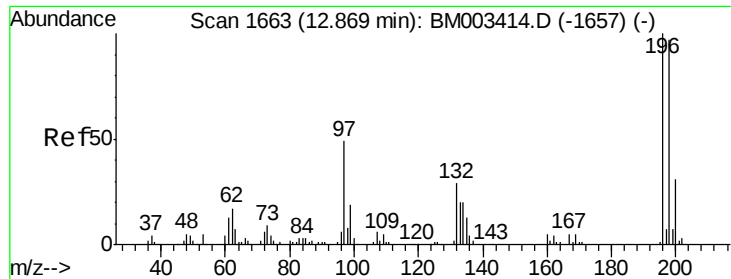
MMdadoda
 12/11/2015 6:00:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.20 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144183		
198	95.6	76.3	114.5	
200	30.7	25.6	38.4	





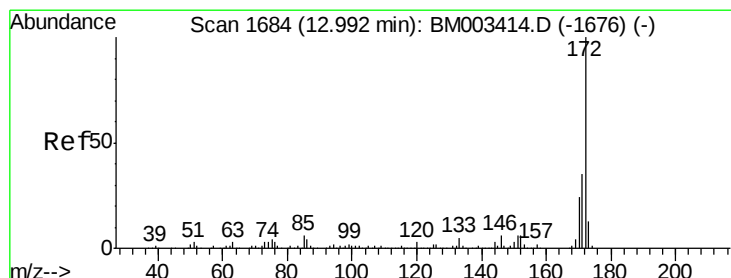
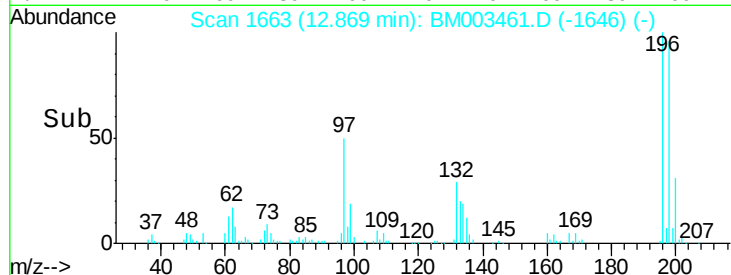
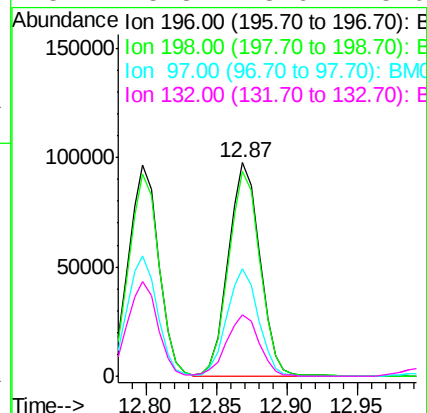
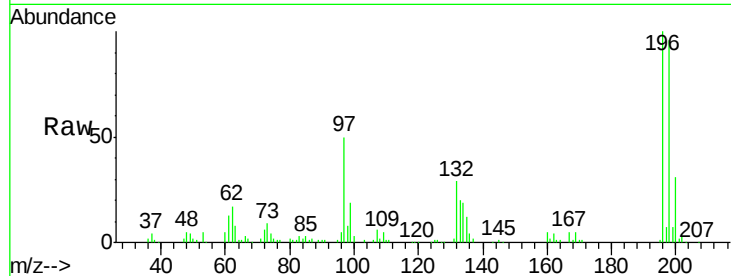
#43
 2,4,5-Trichlorophenol
 Concen: 41.47 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.0	79.4	119.0	
97	50.3	26.8	40.2	
132	28.8	18.6	28.0	

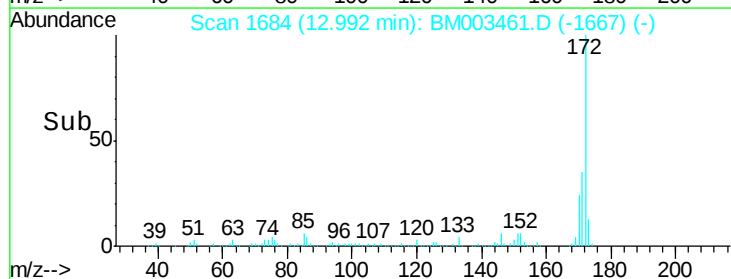
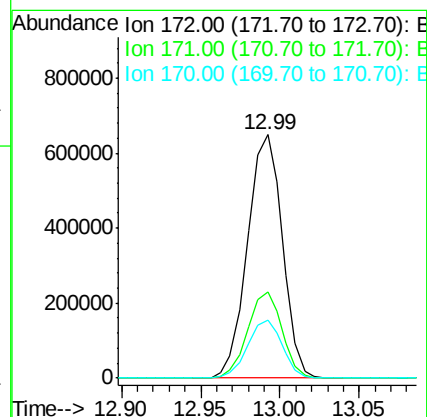
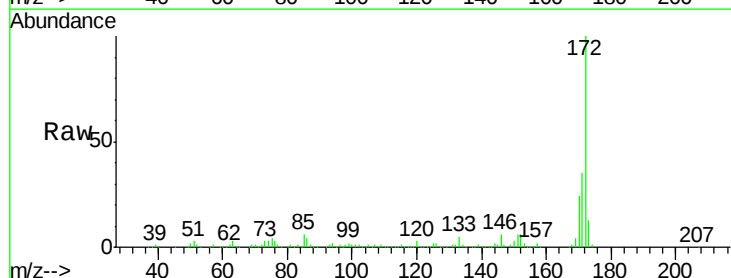
Manual Integrations
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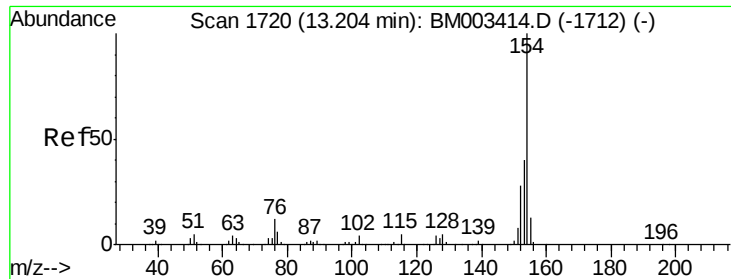
MMdadoda
 12/11/2015 6:00:41 PM



#44
 2-Fluorobiphenyl
 Concen: 80.93 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	28.5	42.7	
170	23.8	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 38.18 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

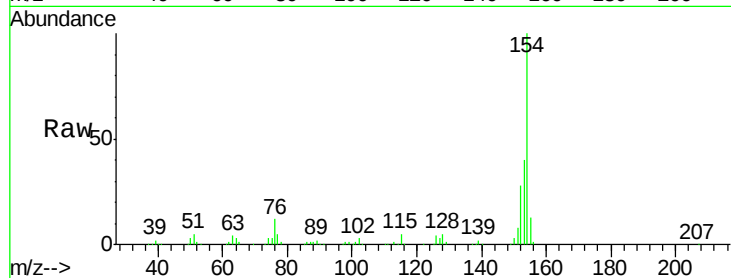
ClientSampleId :

PB87185BSD

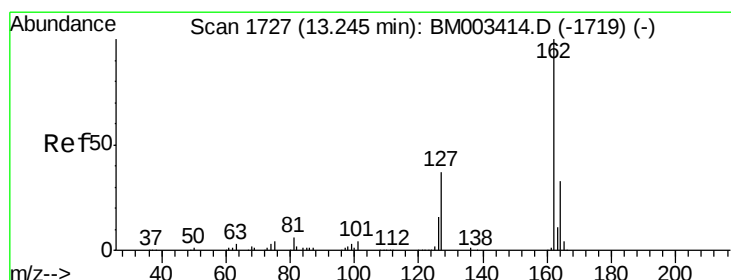
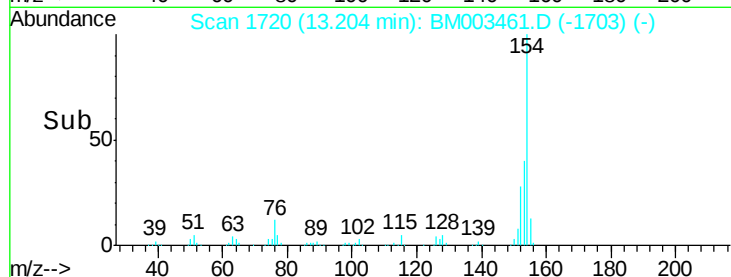
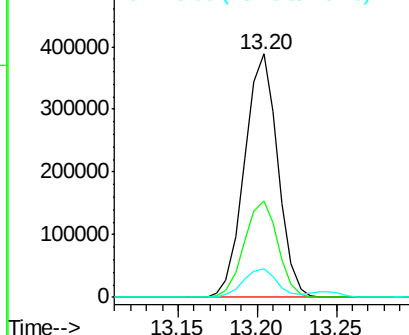
Tot Ion:	154	Resp:	564992
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.7	60.7
76	11.9	0.0	30.9

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



#46

2-Chloronaphthalene

Concen: 39.62 ng

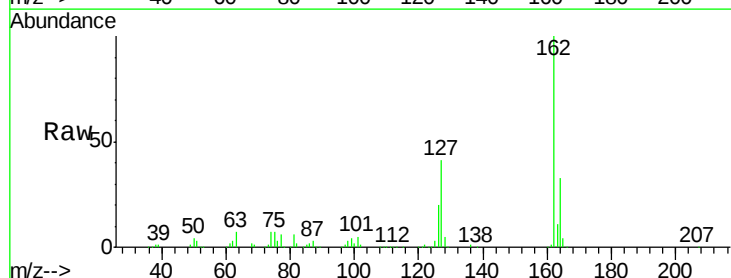
RT: 13.24 min Scan# 1727

Delta R.T. -0.00 min

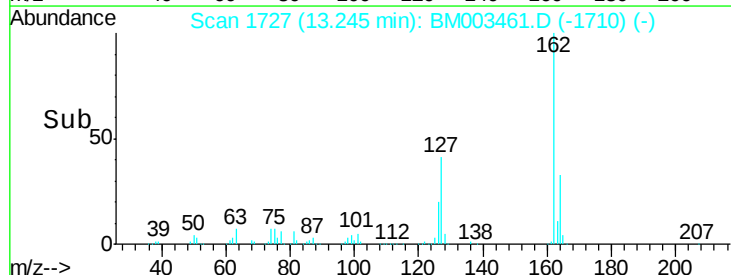
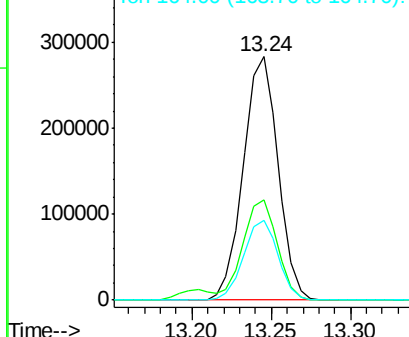
Lab File: BM003461.D

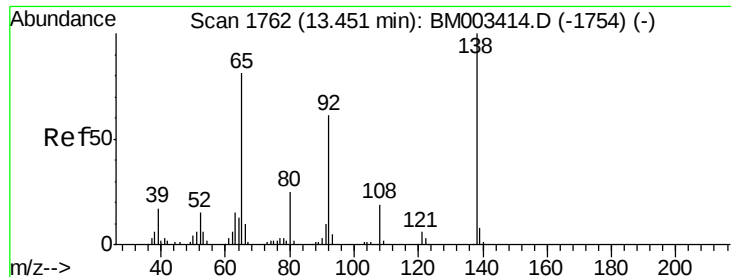
Acq: 10 Dec 2015 20:23

Tgt Ion:	162	Resp:	430649
Ion Ratio	Lower	Upper	
162	100		
127	41.3	26.9	40.3#
164	32.8	26.8	40.2



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





#47

2-Nitroaniline

Concen: 37.74 ng

RT: 13.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

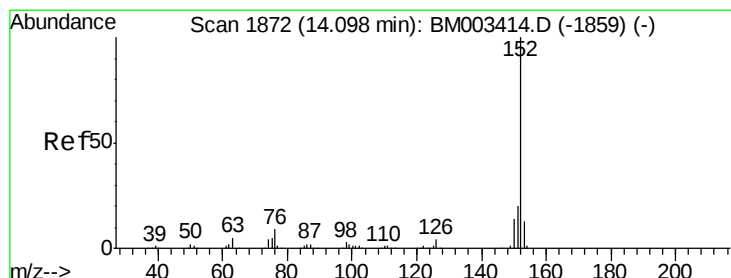
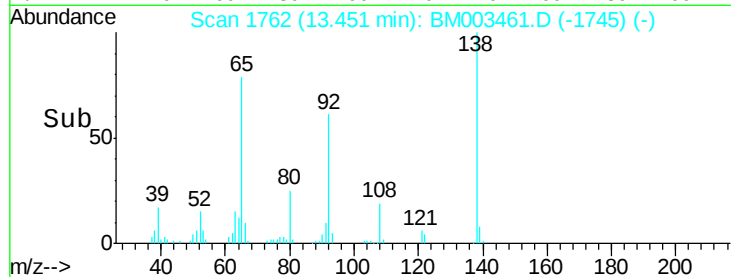
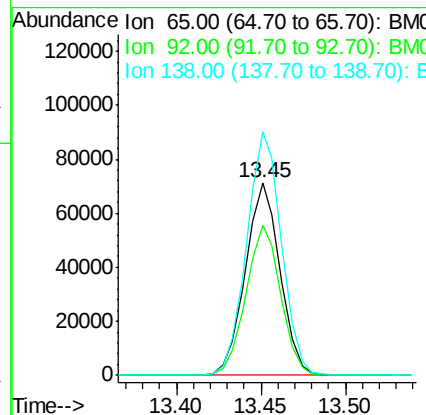
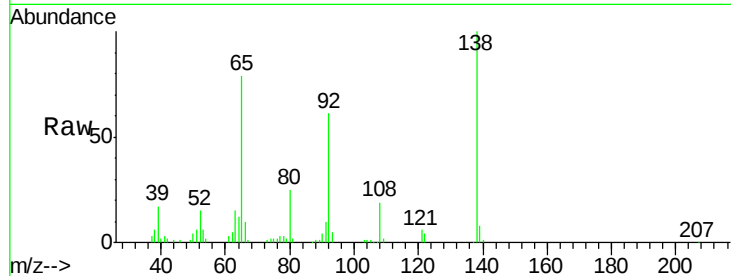
ClientSampleId :

PB87185BSD

Tot Ion:	65	Resp:	101748
Ion	Ratio	Lower	Upper
65	100		
92	77.7	59.1	88.7
138	126.4	93.9	140.9

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#48

Acenaphthylene

Concen: 38.42 ng

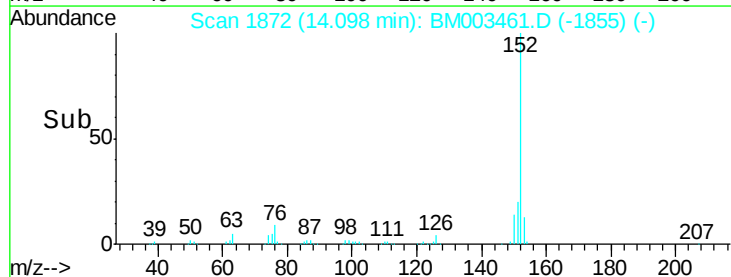
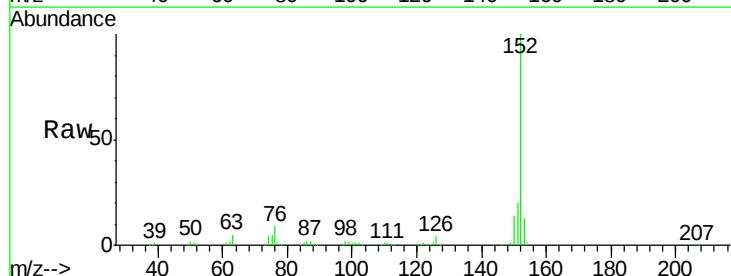
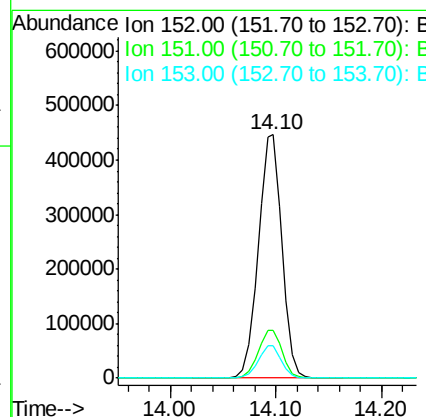
RT: 14.10 min Scan# 1872

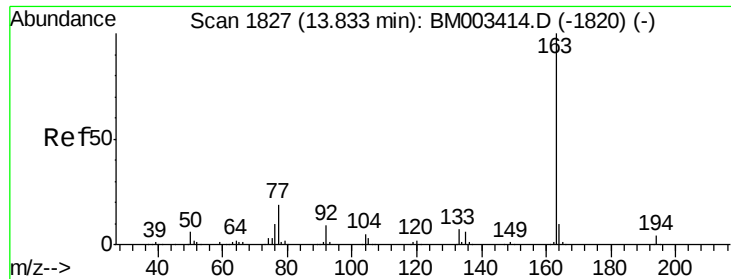
Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	152	Resp:	696245
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.6	16.0





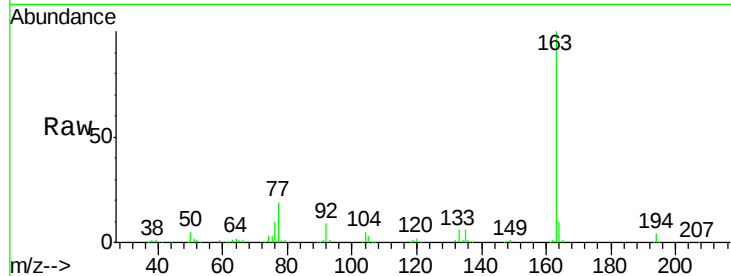
#49
Dimethylphthalate
Concen: 36.83 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	506444		
194	3.9		2.7	4.1
164	10.1		8.2	12.2

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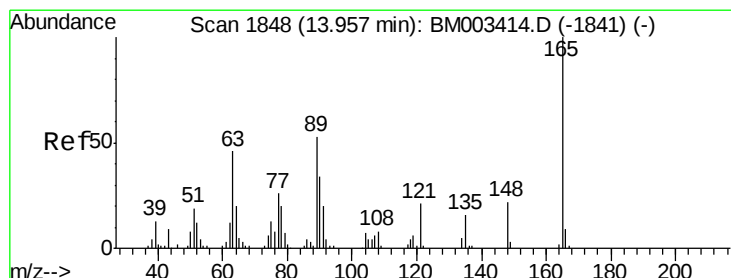
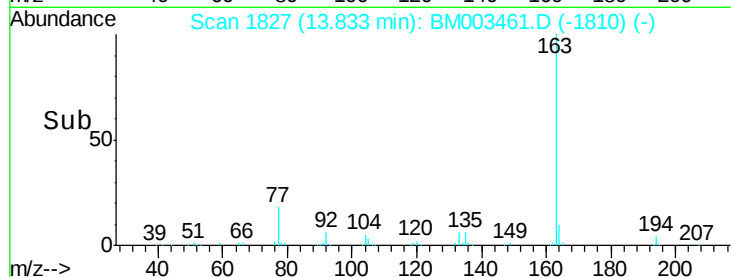
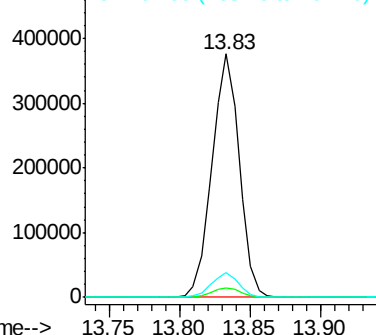


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 38.19 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

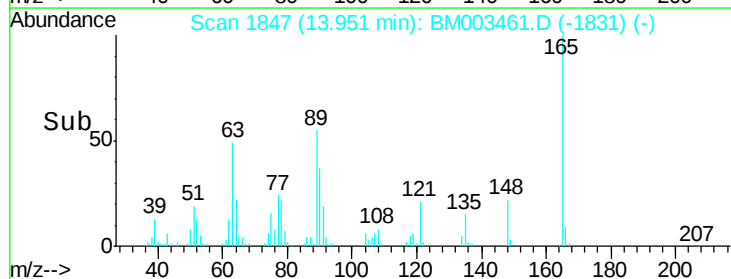
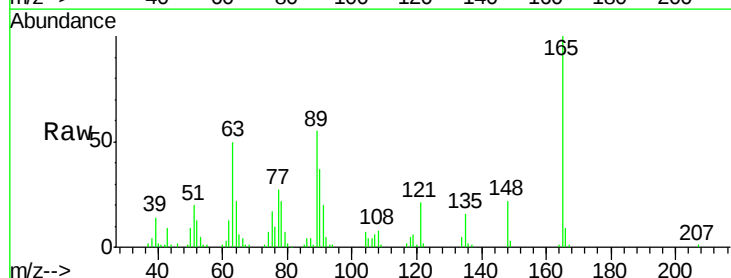
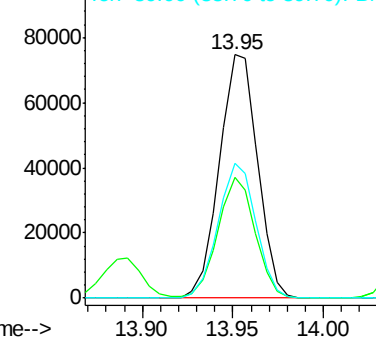
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109585		
63	49.9		44.1	66.1
89	55.4		44.3	66.5

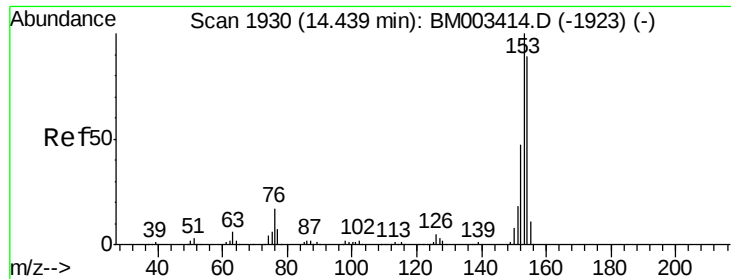
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.13 ng

RT: 14.44 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

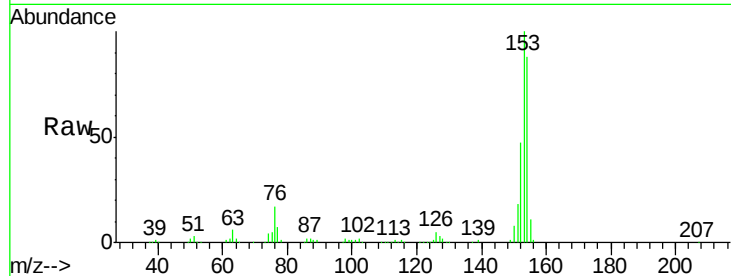
ClientSampleId :

PB87185BSD

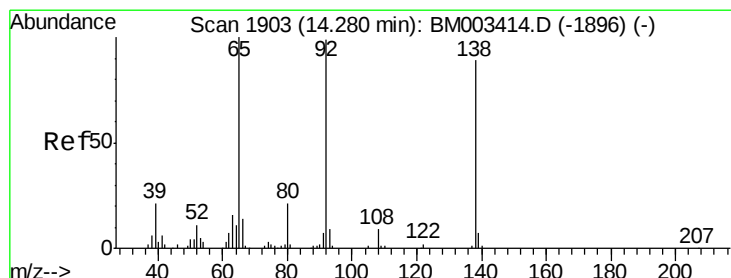
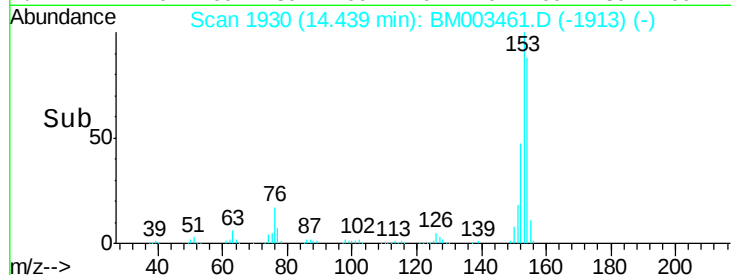
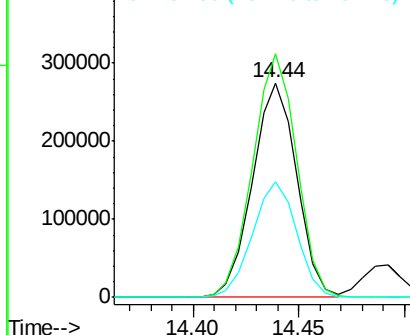
Tot Ion:	154	Resp:	400417
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.0	135.0
152	53.8	42.6	63.8

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



#52

3-Nitroaniline

Concen: 15.33 ng

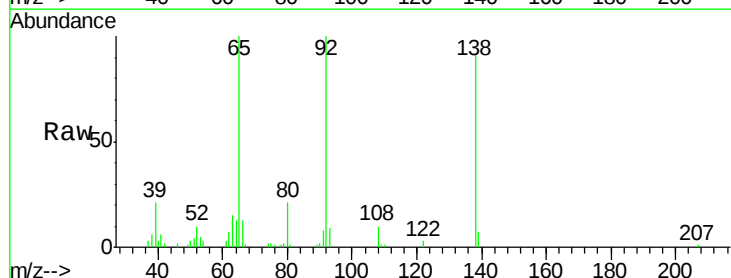
RT: 14.28 min Scan# 1903

Delta R.T. -0.00 min

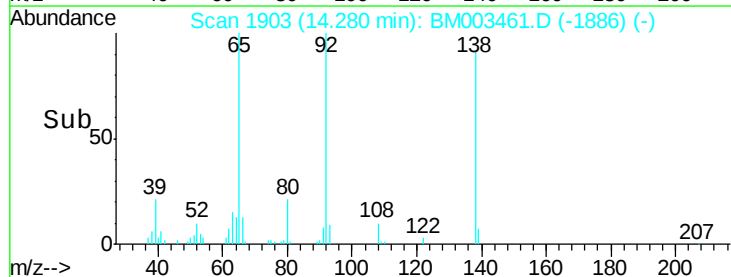
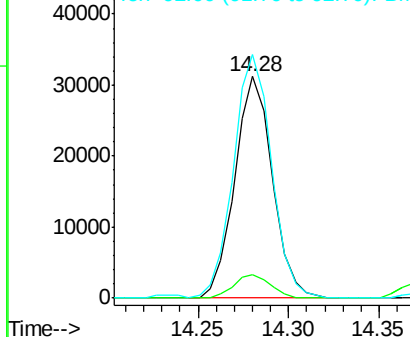
Lab File: BM003461.D

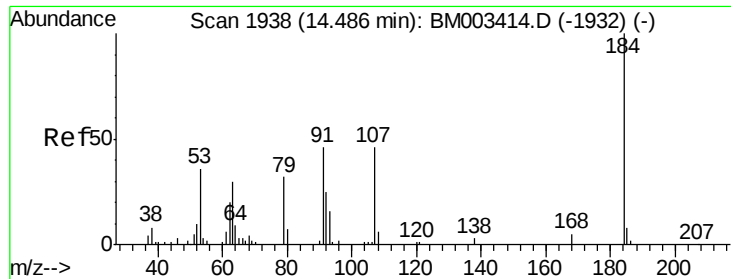
Acq: 10 Dec 2015 20:23

Tgt Ion:	138	Resp:	45017
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.3	10.9
92	109.8	76.6	114.8



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





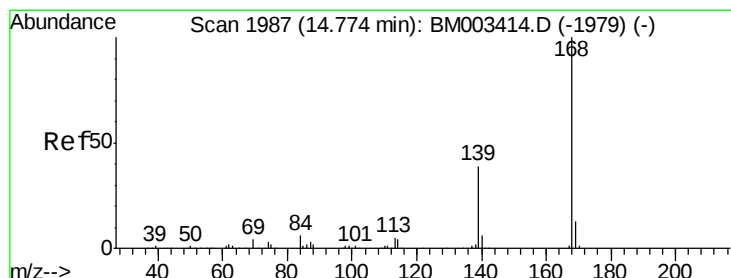
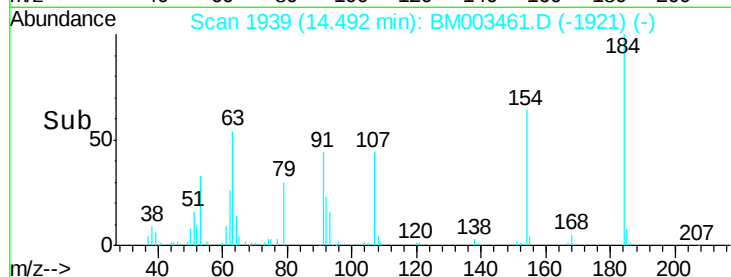
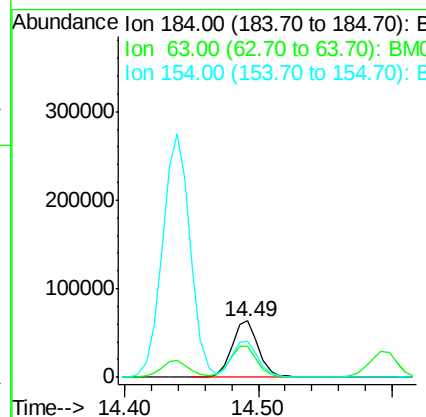
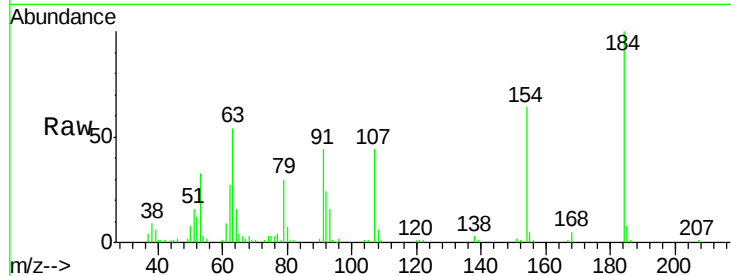
#53
2,4-Dinitrophenol
Concen: 57.57 ng
RT: 14.49 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	54.3	69.2	103.8#	
154	64.5	53.3	79.9	

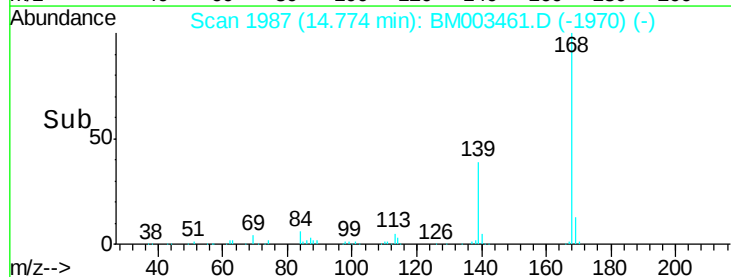
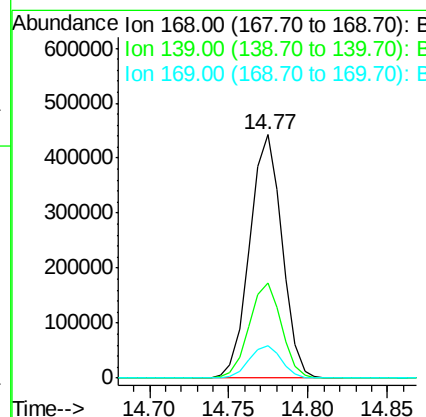
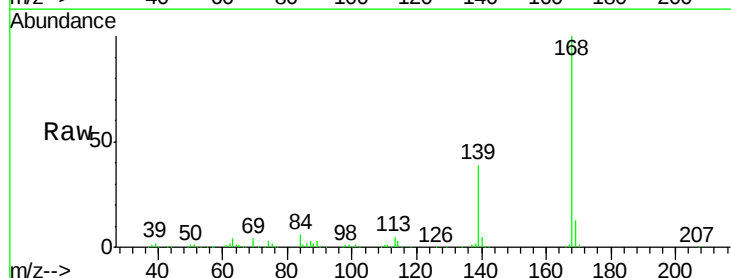
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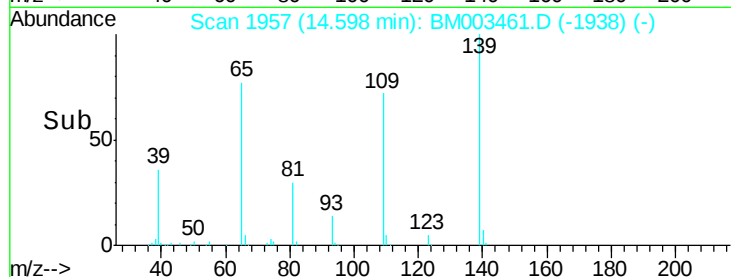
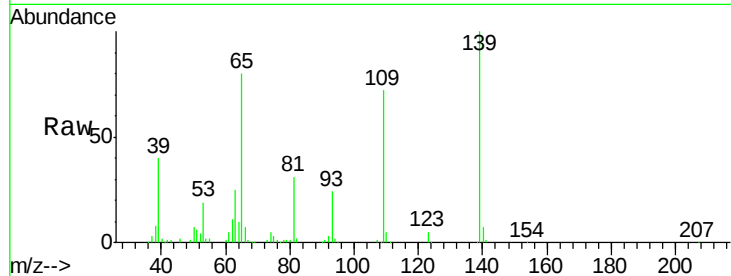
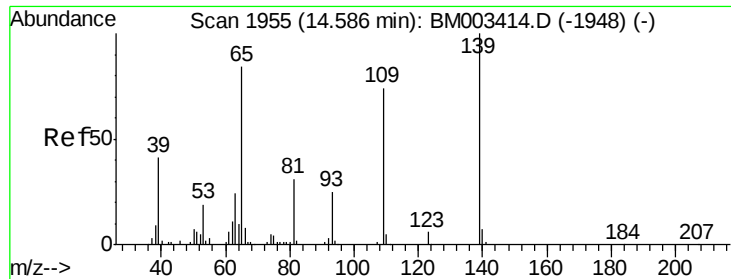
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#54
Dibenzofuran
Concen: 41.35 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	27.3	40.9	
169	13.2	10.6	16.0	





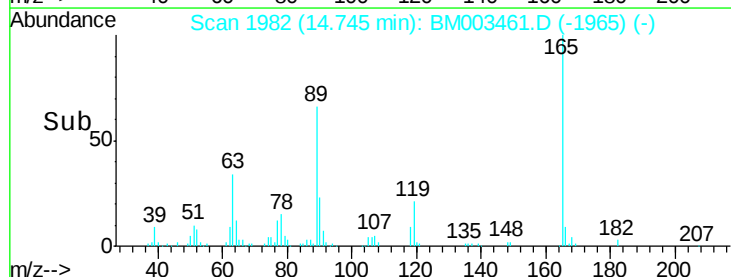
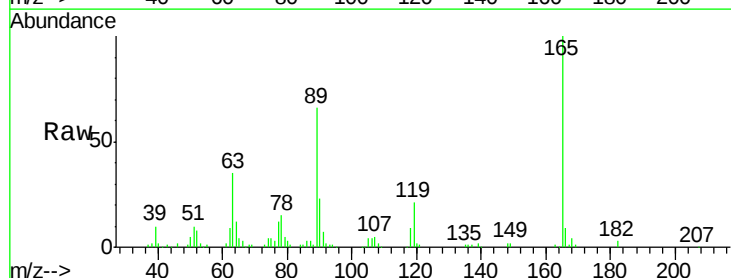
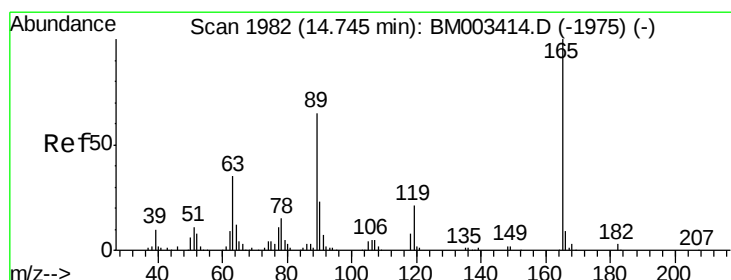
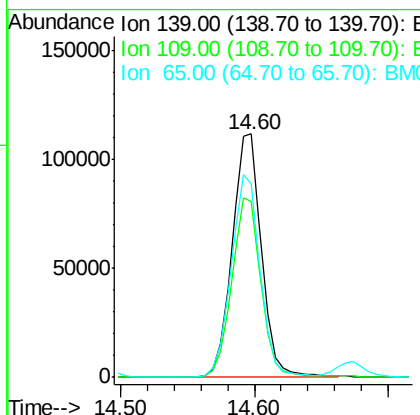
#55
4-Nitrophenol
Concen: 70.55 ng
RT: 14.60 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	171083		
109	72.0	37.7	77.7	
65	79.6	49.9	89.9	

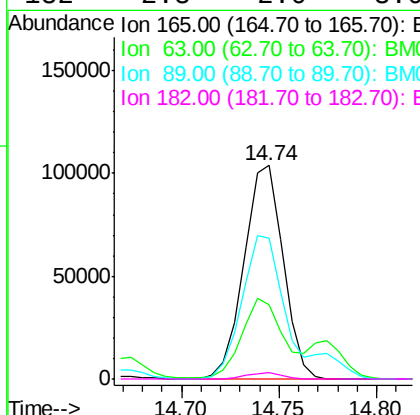
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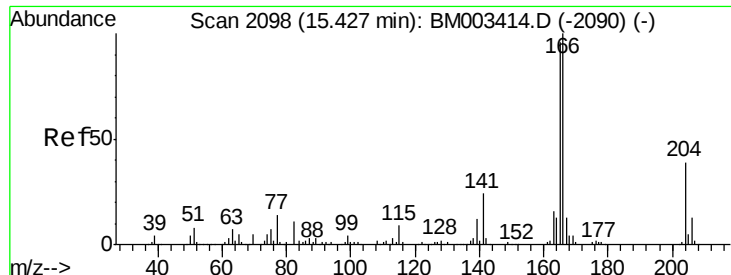
MMdadoda
12/11/2015 6:00:41 PM



#56
2,4-Dinitrotoluene
Concen: 38.95 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144991		
63	34.7	52.4	78.6#	
89	65.7	72.4	108.6#	
182	2.8	2.0	3.0	





#57

Fluorene

Concen: 37.80 ng

RT: 15.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

ClientSampleId :

PB87185BSD

Tot Ion:166 Resp: 475286

Ion Ratio Lower Upper

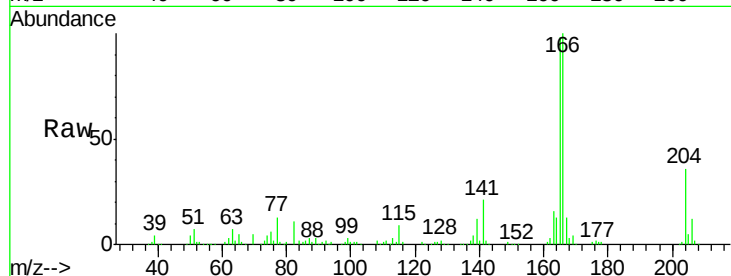
166 100

165 98.5 79.0 118.4

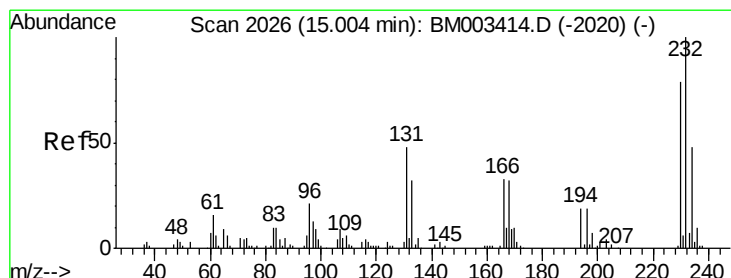
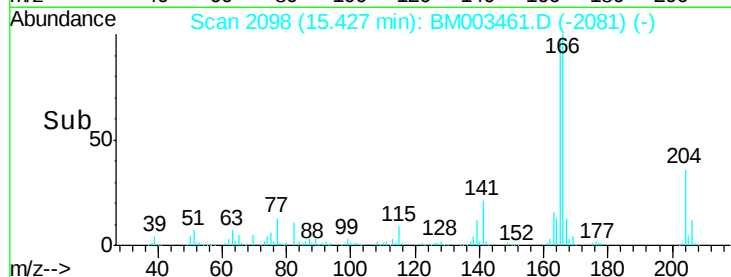
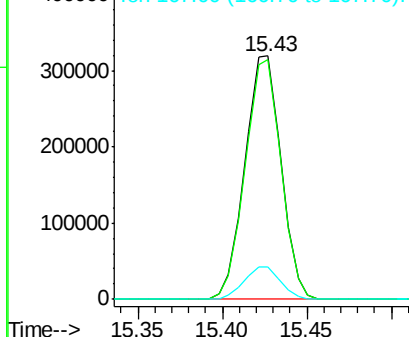
167 13.2 10.3 15.5

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.88 ng

RT: 15.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:232 Resp: 118404

Ion Ratio Lower Upper

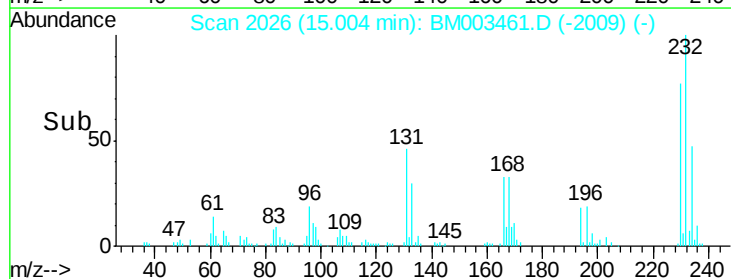
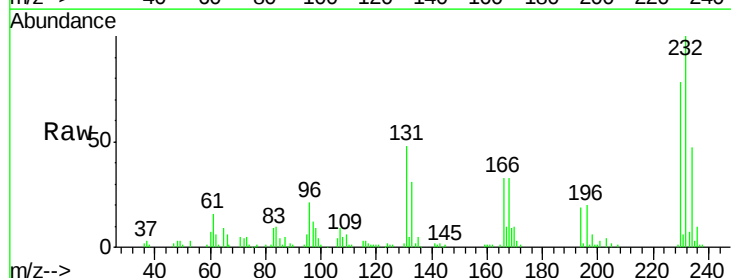
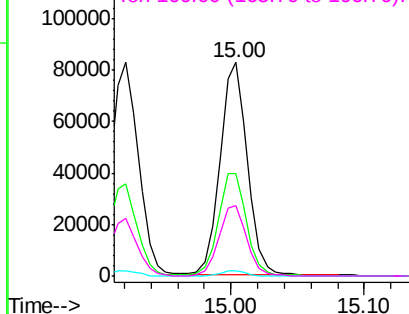
232 100

131 50.0 0.0 0.0#

130 2.3 0.0 0.0#

166 33.5 0.0 0.0#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





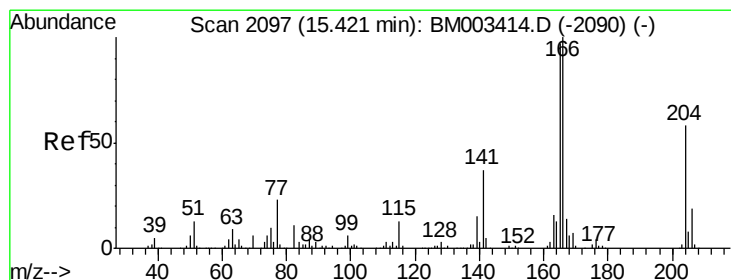
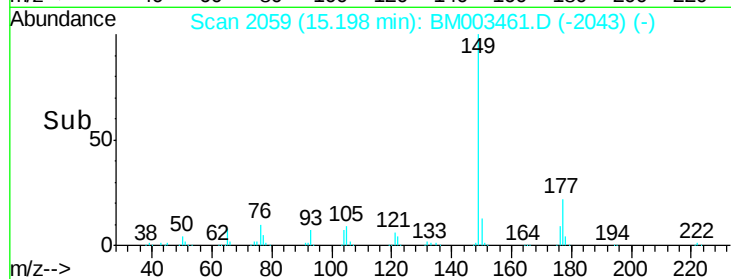
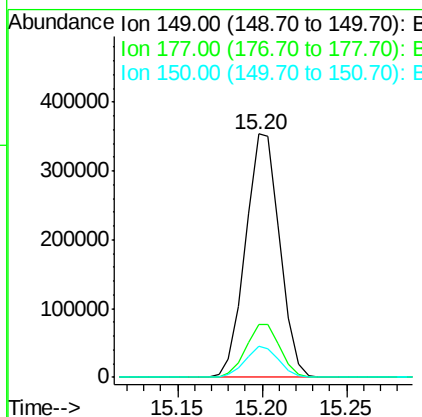
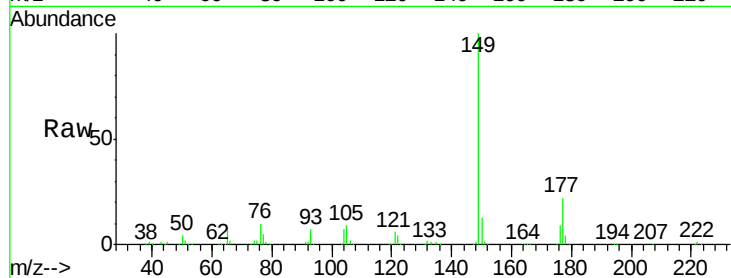
#59
Diethylphthalate
Concen: 36.74 ng
RT: 15.20 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	496044		
177	21.8	18.3	27.5	
150	12.9	9.8	14.8	

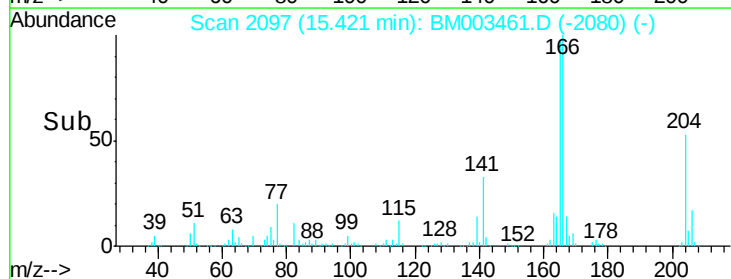
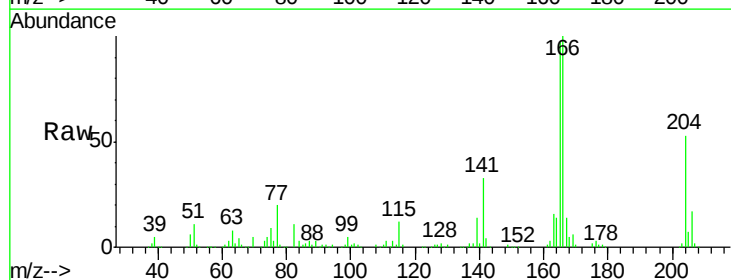
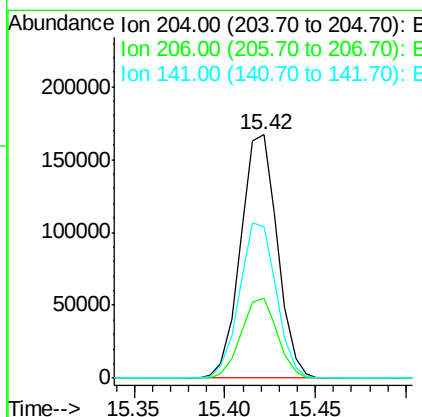
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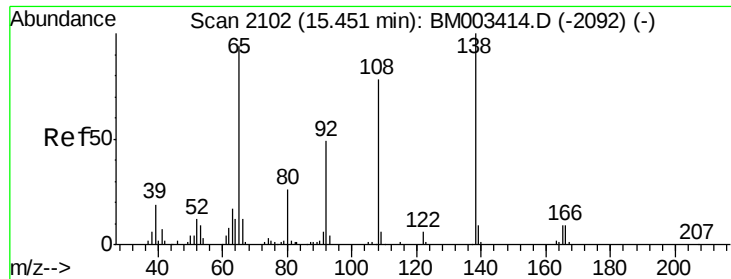
MMdadoda
12/11/2015 6:00:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.82 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	234145		
206	32.7	26.6	39.8	
141	62.1	45.2	67.8	





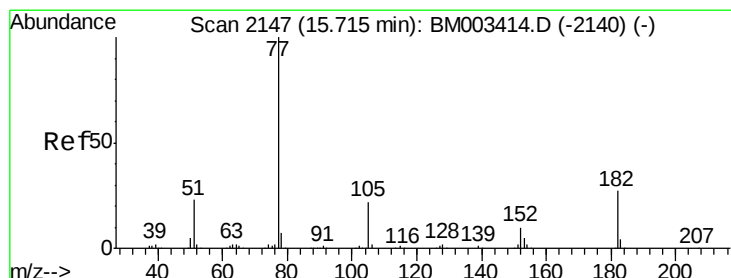
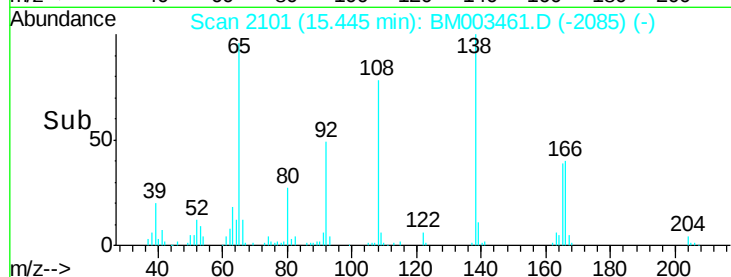
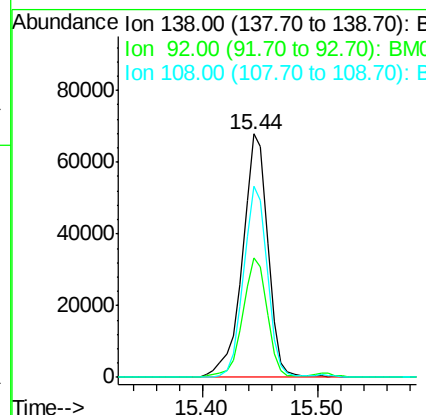
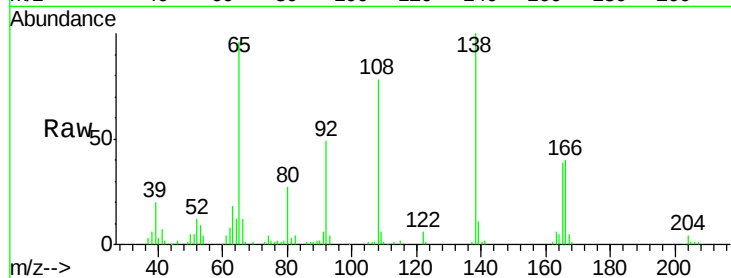
#61
4-Nitroaniline
Concen: 34.45 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	16.7	56.7
108	78.4	37.6	77.6

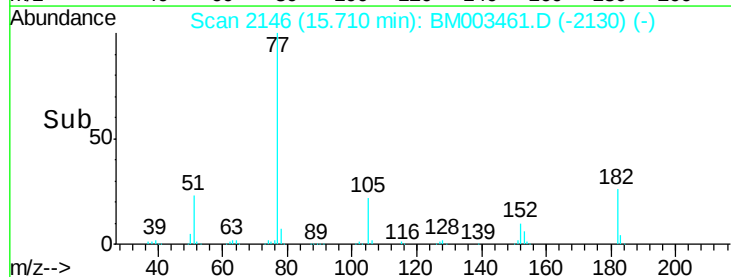
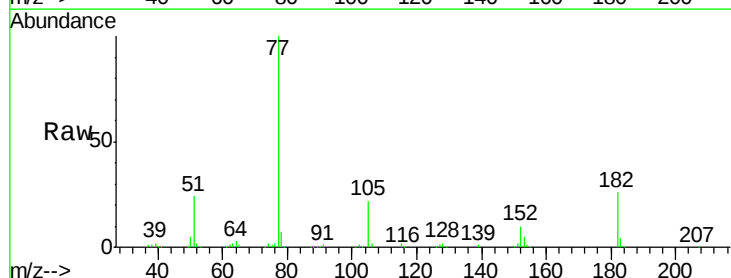
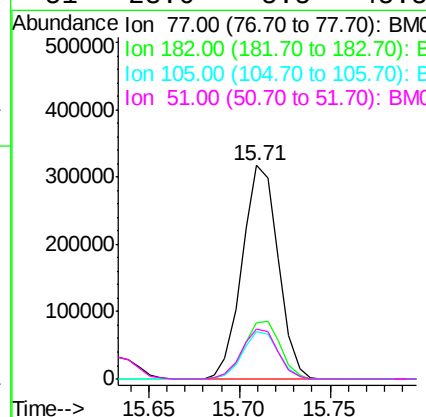
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#62
Azobenzene
Concen: 41.31 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.5	46.5
105	22.1	3.8	43.8
51	23.6	5.5	45.5





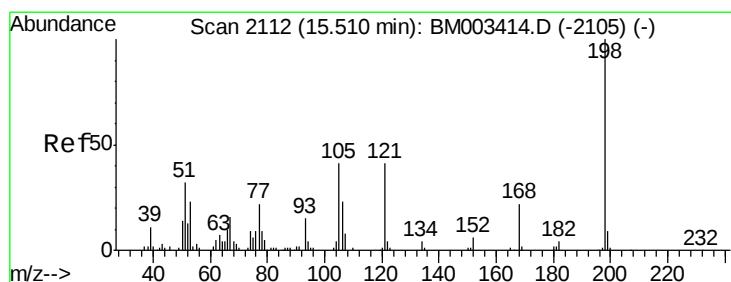
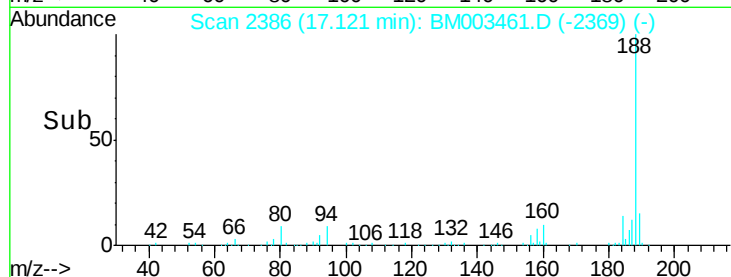
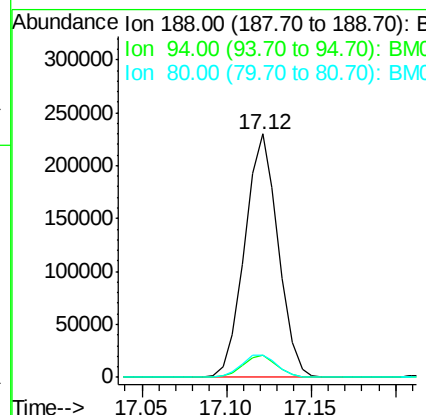
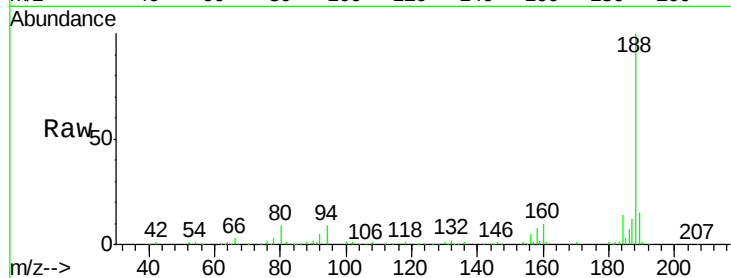
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	316477		
94	9.3	8.7	13.1	
80	9.3	9.3	13.9#	

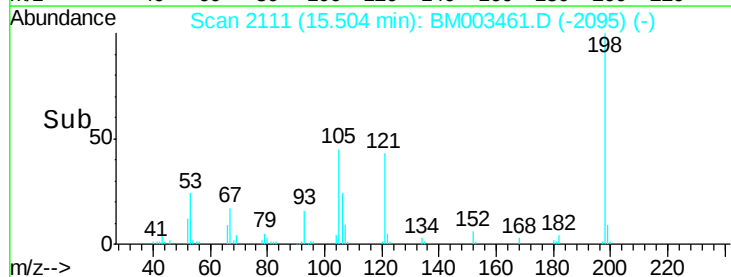
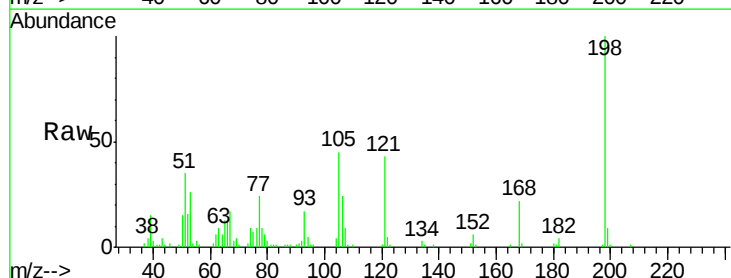
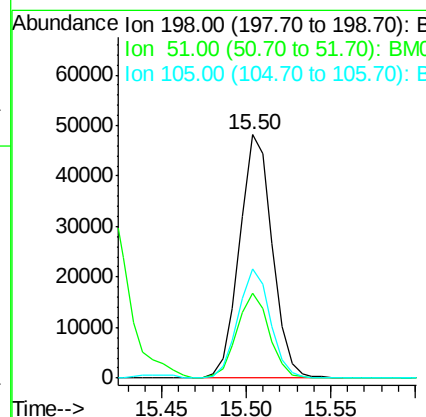
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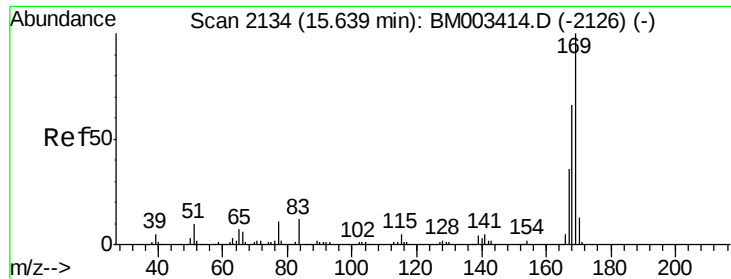
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.06 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	65037		
51	35.0	28.8	68.8	
105	44.7	30.5	70.5	





#65

n-Nitrosodiphenylamine

Concen: 41.30 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

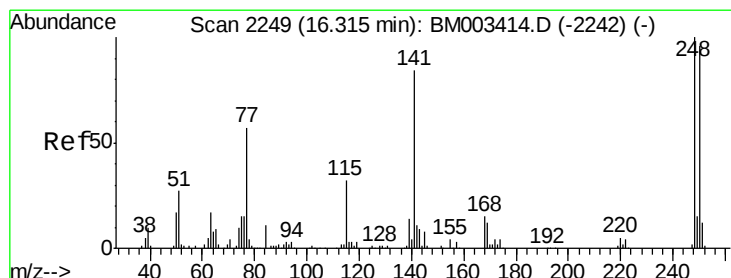
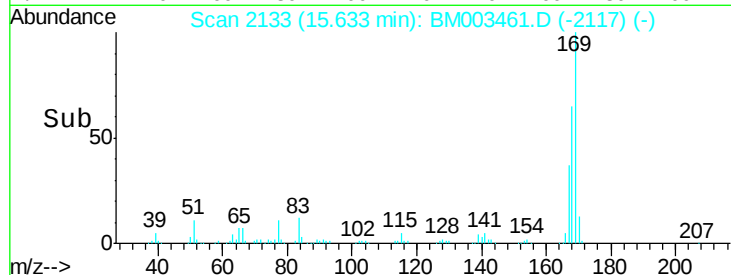
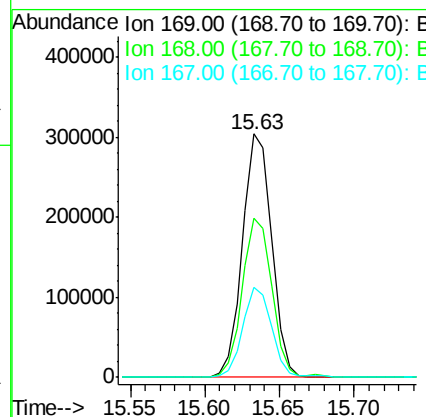
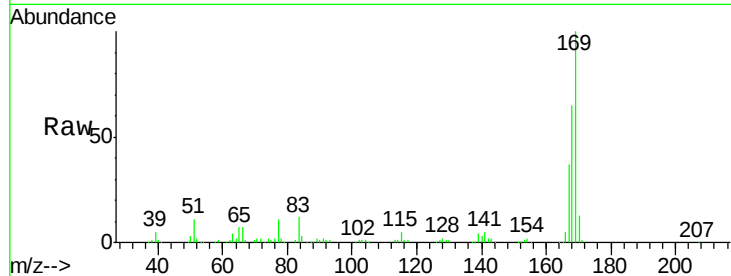
ClientSampleId :

PB87185BSD

Tot Ion:	169	Resp:	413224
Ion Ratio	Lower	Upper	
169	100		
168	65.4	53.9	80.9
167	36.8	28.9	43.3

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#66

4-Bromophenyl-phenylether

Concen: 39.70 ng

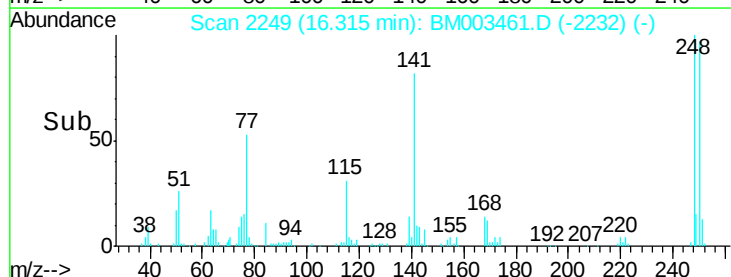
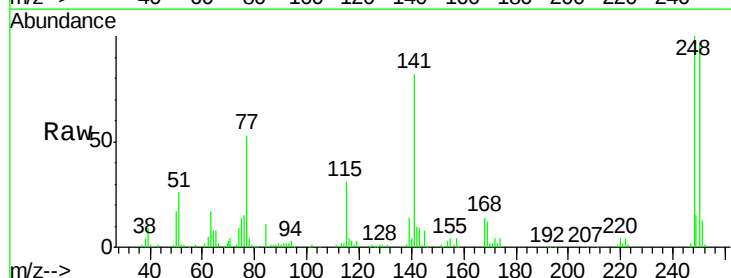
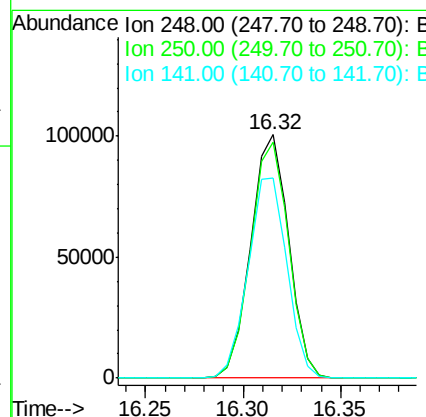
RT: 16.32 min Scan# 2249

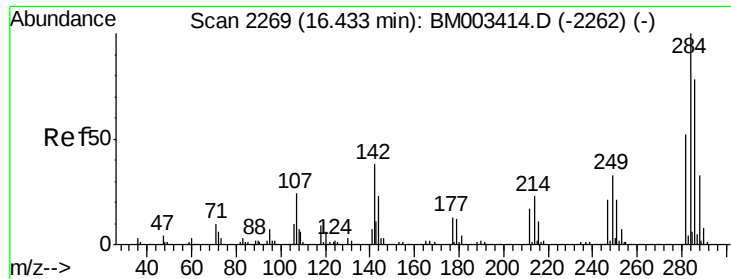
Delta R.T. -0.00 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	248	Resp:	135465
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.4	116.0
141	82.1	45.2	67.8#





#67

Hexachlorobenzene

Concen: 39.99 ng

RT: 16.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

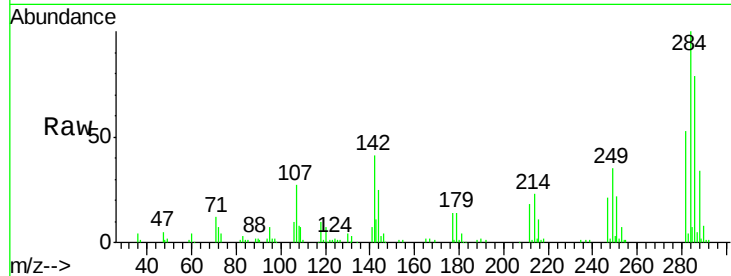
ClientSampleId :

PB87185BSD

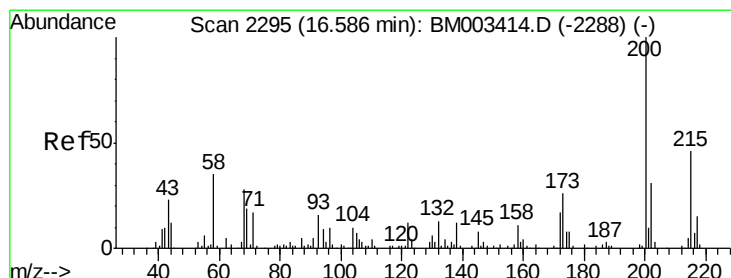
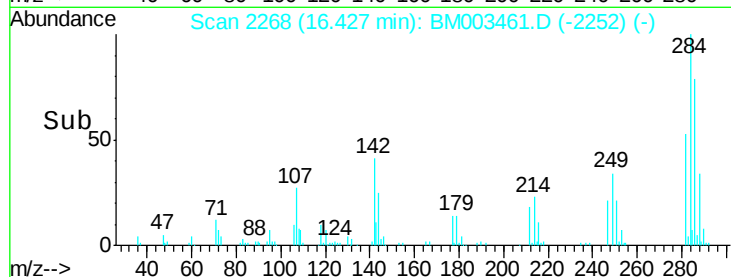
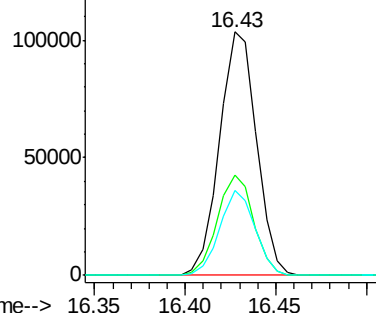
Tot Ion:	284	Resp:	146620
Ion Ratio		Lower	Upper
284	100		
142	41.4	20.4	30.6#
249	35.0	23.8	35.6

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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: 41.99 ng

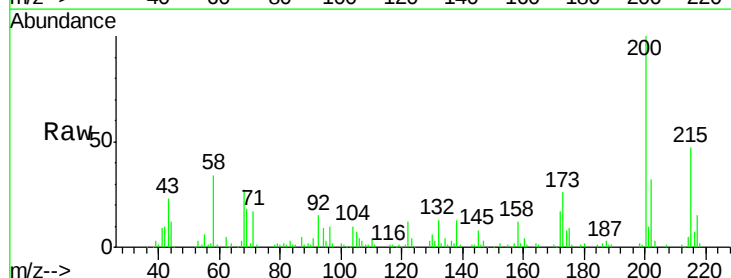
RT: 16.59 min Scan# 2295

Delta R.T. -0.00 min

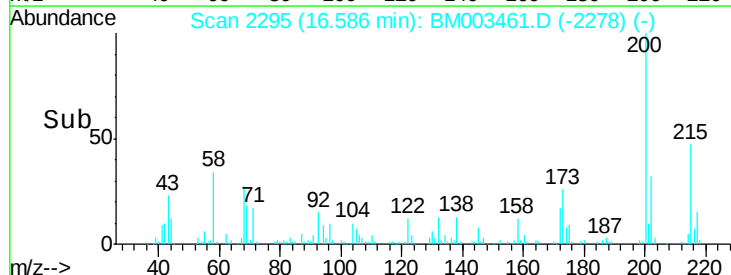
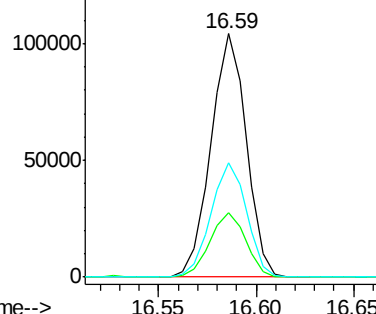
Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	200	Resp:	131033
Ion Ratio		Lower	Upper
200	100		
173	26.5	4.8	44.8
215	47.2	26.9	66.9



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





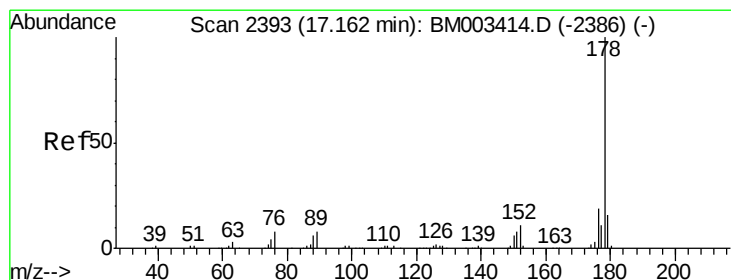
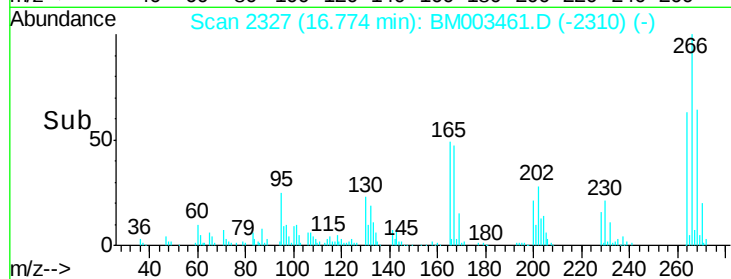
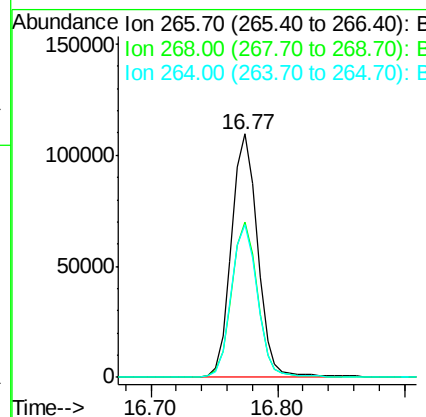
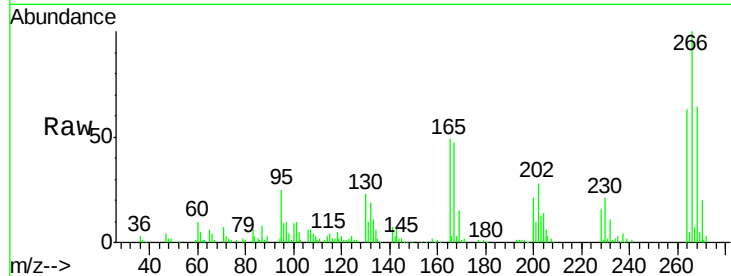
#69
 Pentachlorophenol
 Concen: 75.12 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157205		
268	63.6	52.0	78.0	
264	62.9	49.0	73.4	

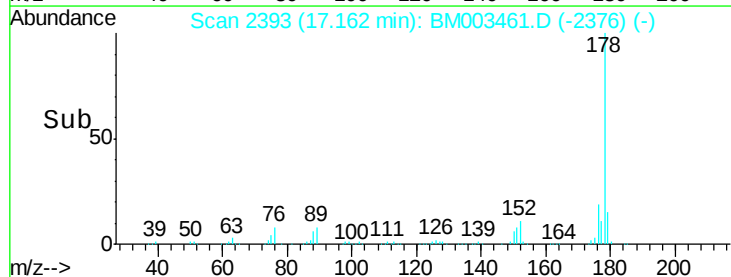
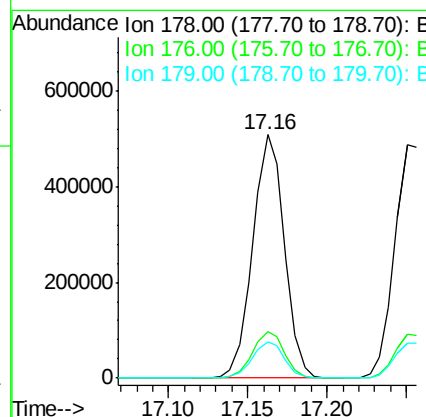
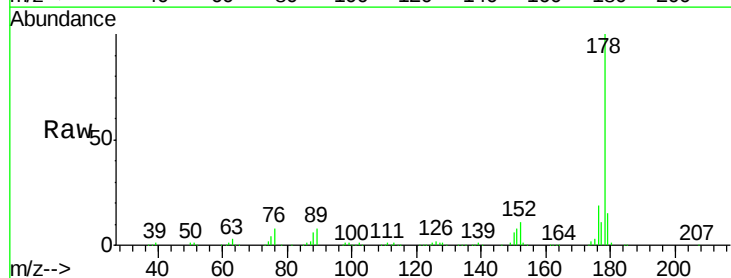
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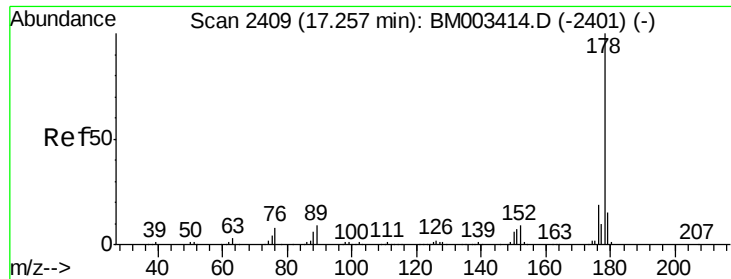
MMdadoda
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#70
 Phenanthrene
 Concen: 39.68 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. -0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	704622		
176	19.1	15.2	22.8	
179	15.1	12.1	18.1	





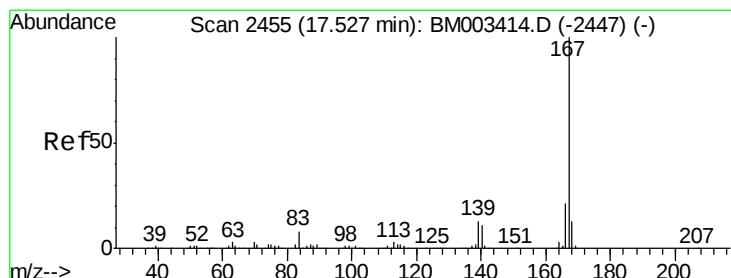
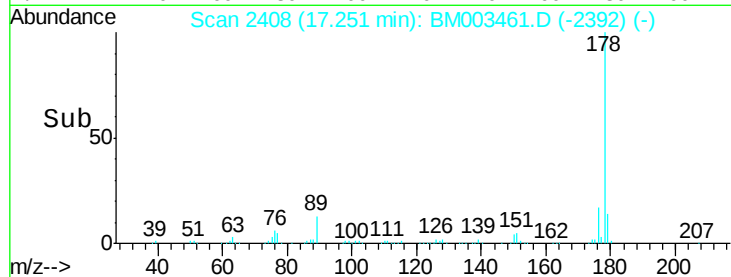
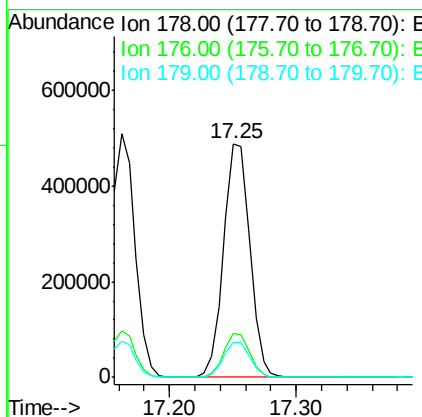
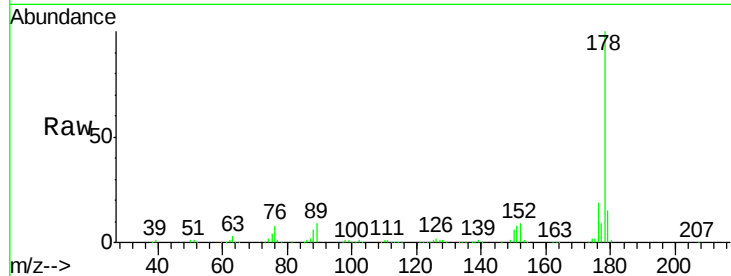
#71
 Anthracene
 Concen: 39.84 ng
 RT: 17.25 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.2	12.6	19.0

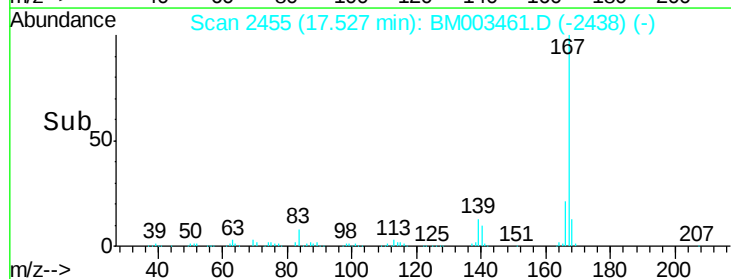
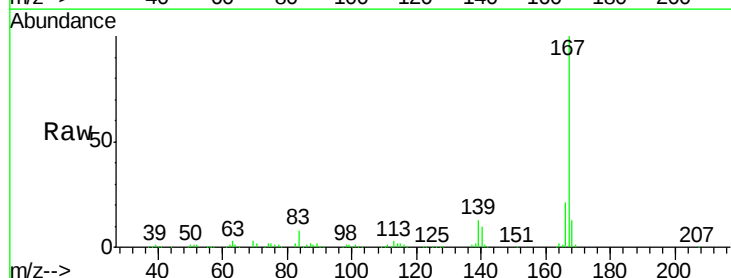
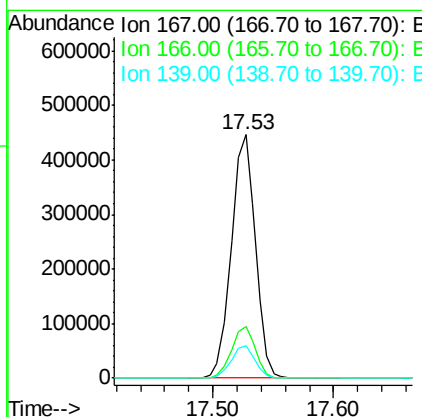
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#72
 Carbazole
 Concen: 40.21 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	13.2	10.8	16.2





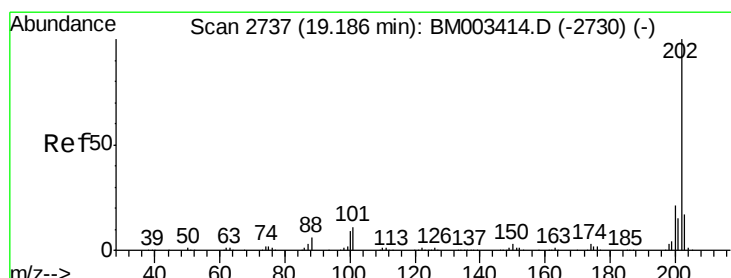
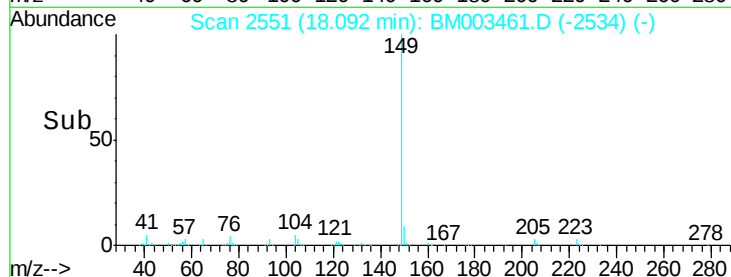
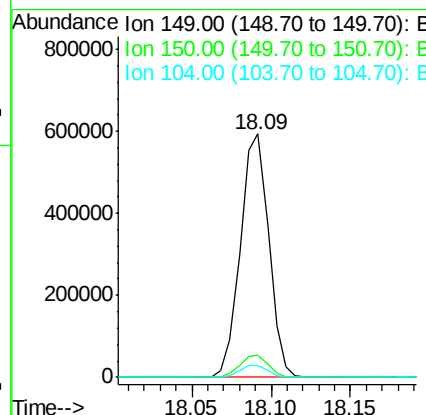
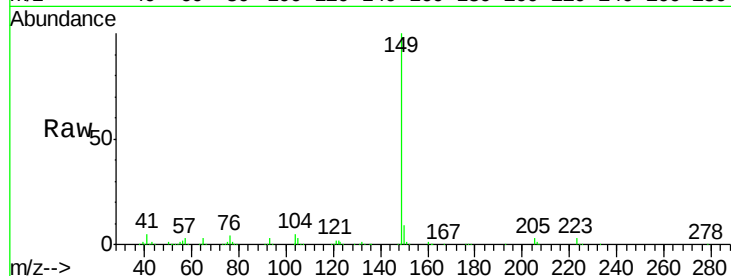
#73
Di-n-butylphthalate
Concen: 40.99 ng
RT: 18.09 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	736504		
150	9.0		7.5	11.3
104	4.8		3.7	5.5

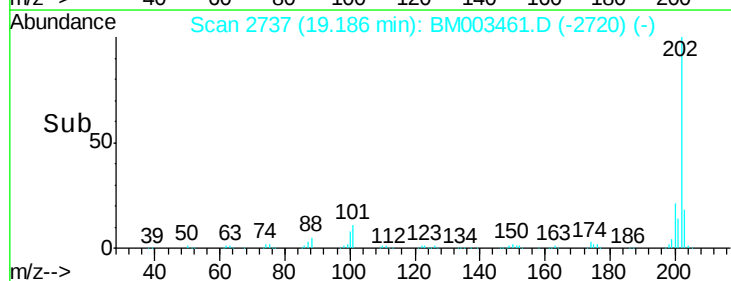
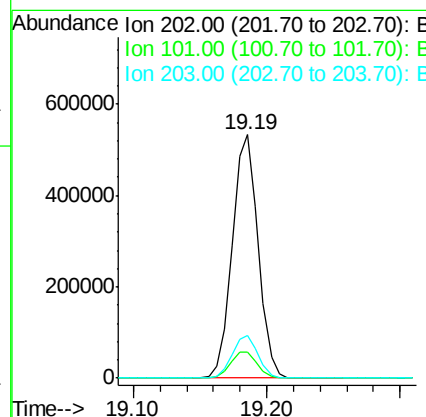
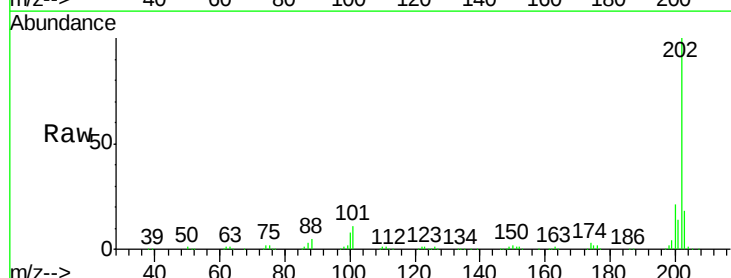
Manual Integrations
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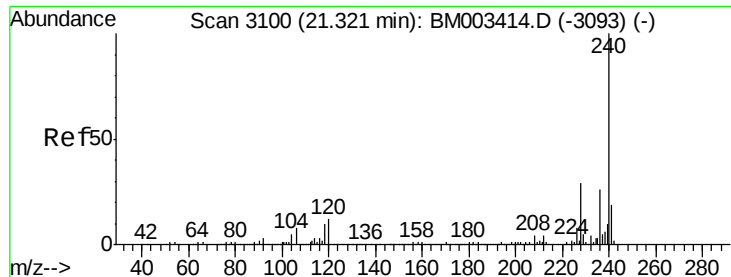
MMdadoda
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#74
Fluoranthene
Concen: 39.46 ng
RT: 19.19 min Scan# 2737
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	722708		
101	10.5		0.0	28.7
203	17.6		0.0	37.2





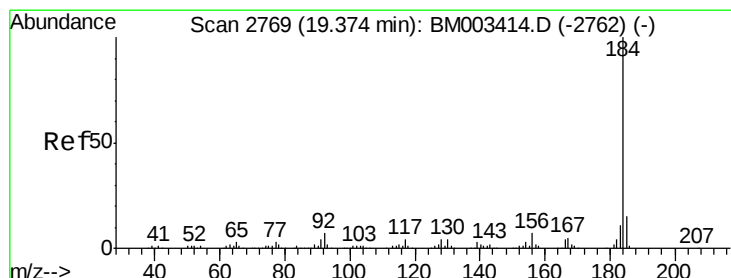
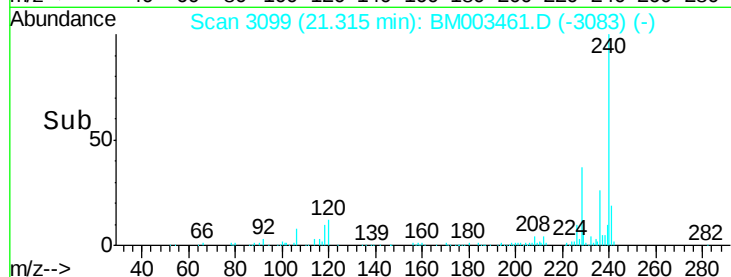
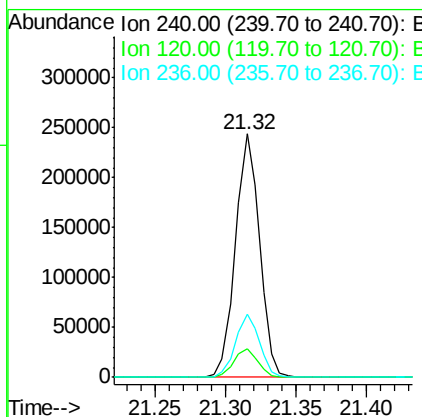
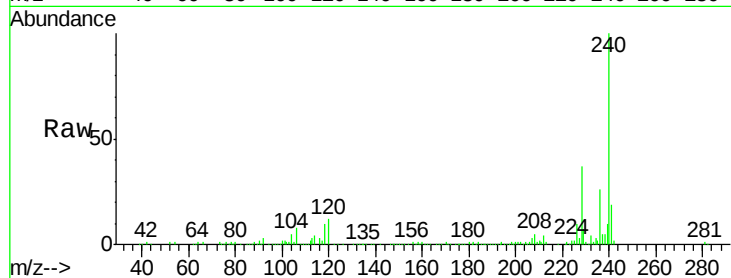
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	290523		
120	12.0	8.2	12.2	
236	26.1	20.0	30.0	

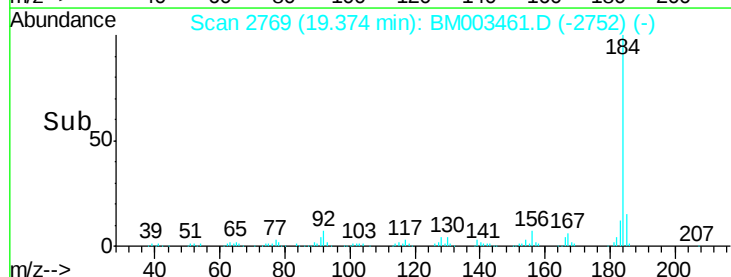
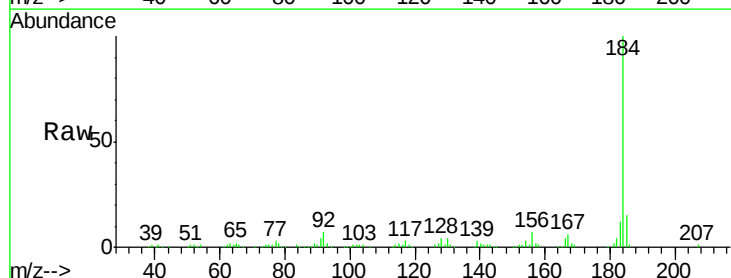
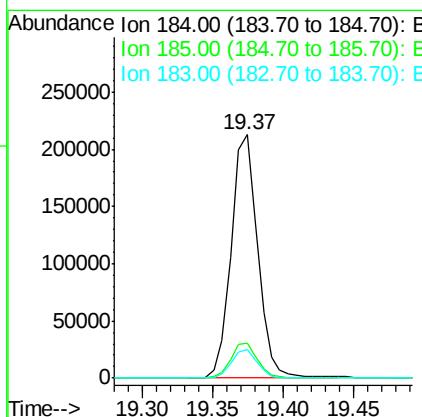
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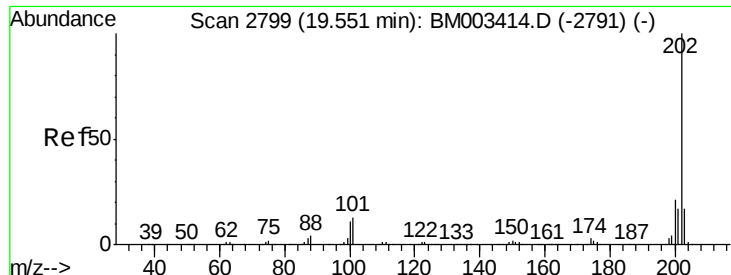
MMdadoda
12/11/2015 6:00:41 PM



#76
Benzidine
Concen: 30.07 ng
RT: 19.37 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	279876		
185	14.6	11.3	16.9	
183	11.6	8.9	13.3	





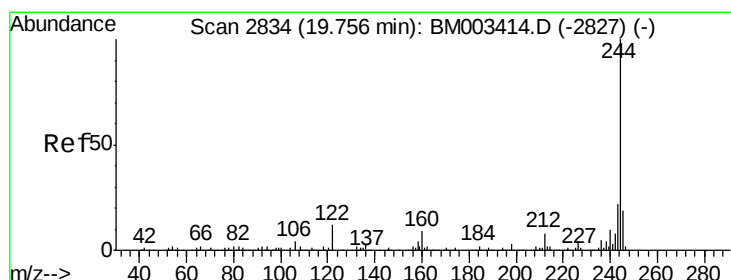
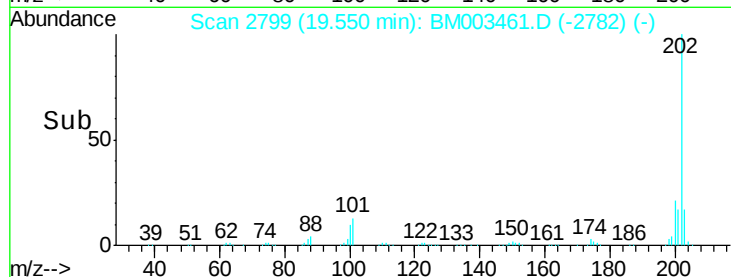
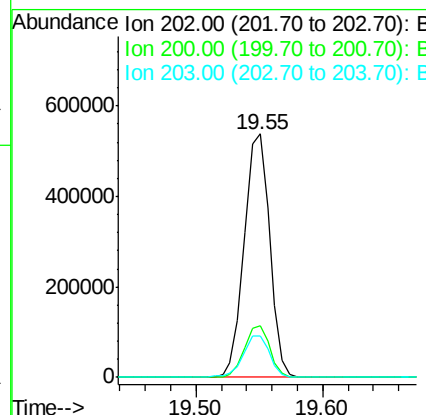
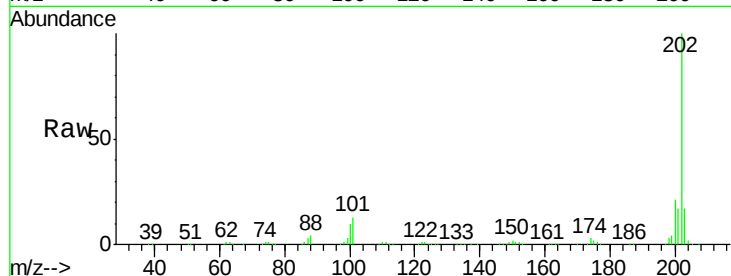
#77
Pvrene
Concen: 36.85 ng
RT: 19.55 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.1	14.1	21.1

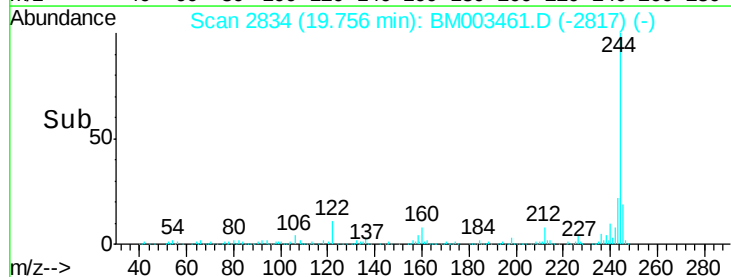
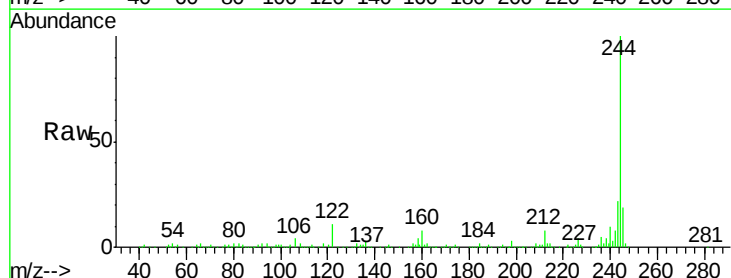
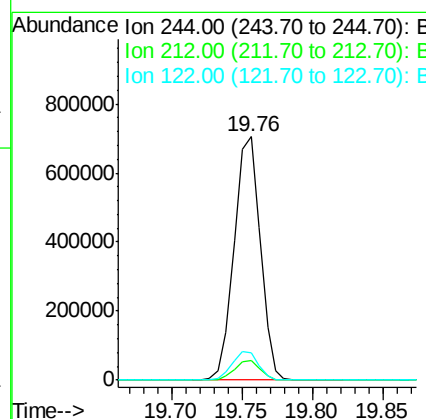
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#78
Terphenyl-d14
Concen: 74.09 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	11.4	6.2	9.4#





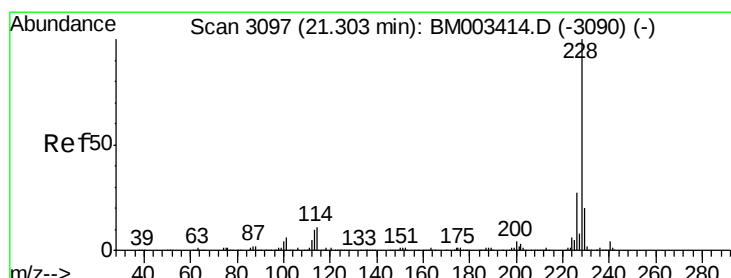
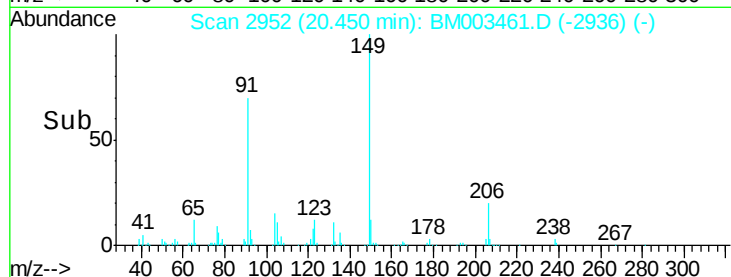
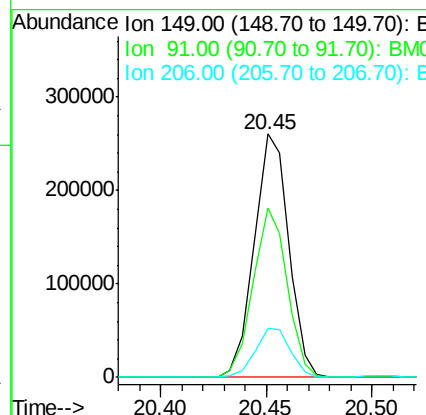
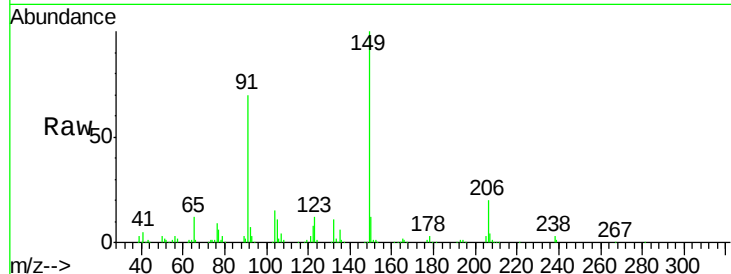
#79
Butylbenzylphthalate
Concen: 37.90 ng
RT: 20.45 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	69.6	50.1	75.1
206	20.1	16.2	24.2

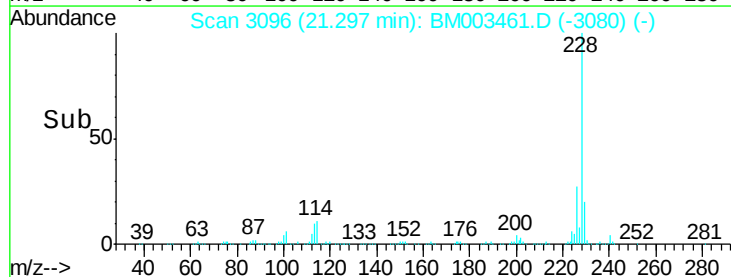
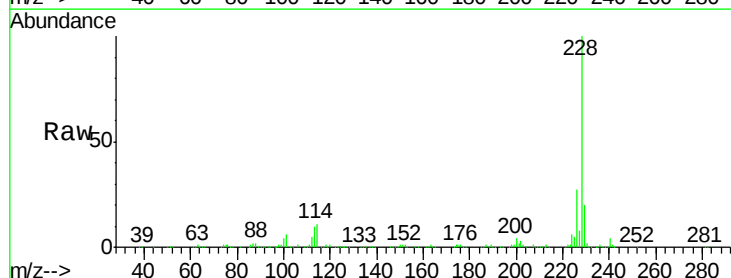
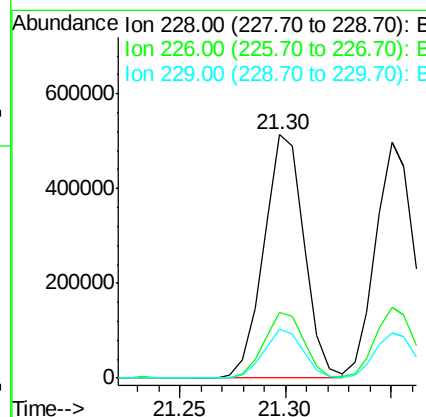
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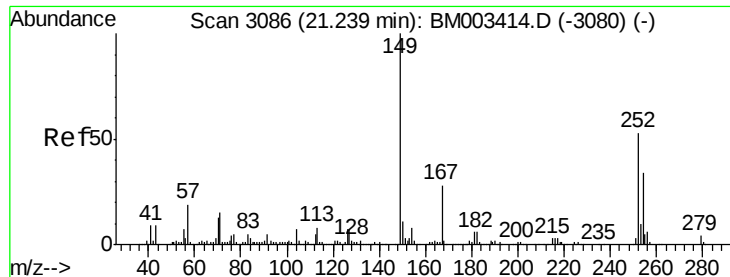
MMdadoda
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#80
Benzo(a)anthracene
Concen: 39.02 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.9	16.0	24.0





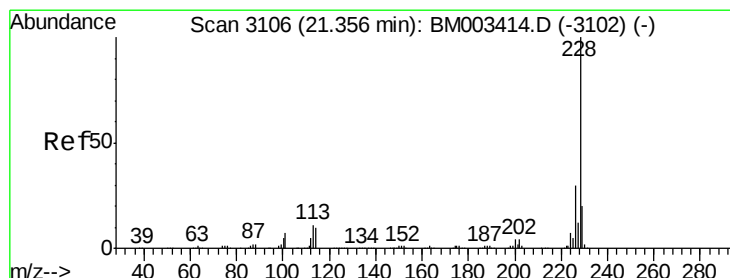
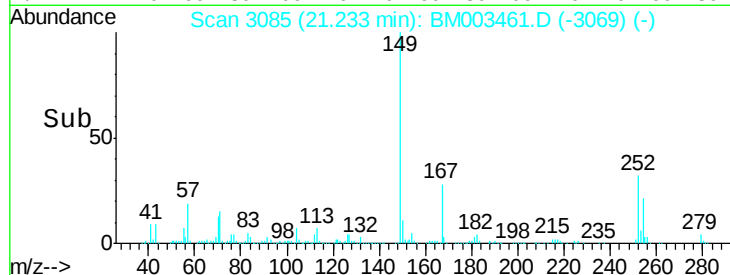
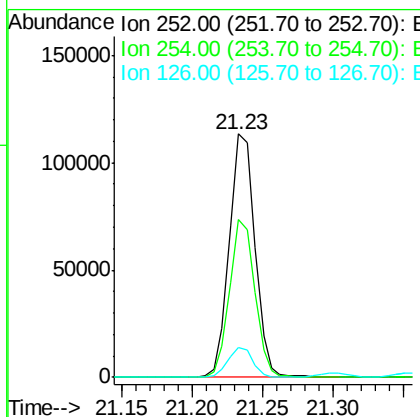
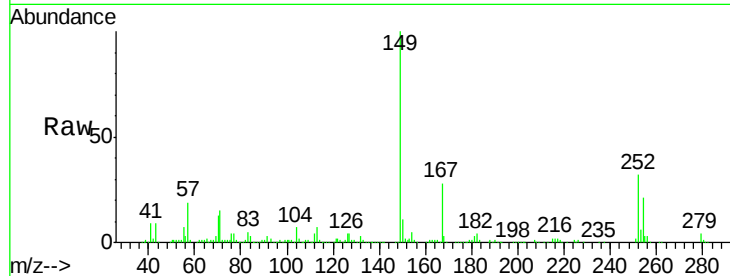
#81
 3,3'-Dichlorobenzidine
 Concen: 26.06 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Instrument :
 BNA_M
 ClientSampleId :
 PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	144530		
254	65.0	51.9	77.9	
126	12.4	9.8	14.8	

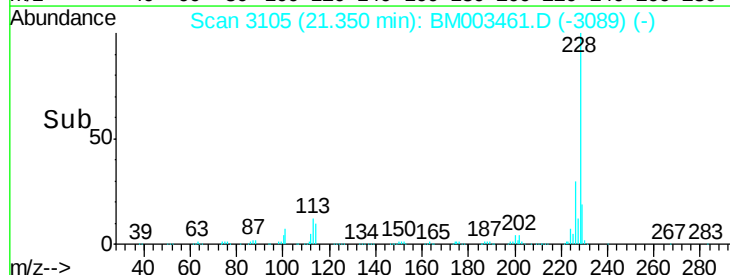
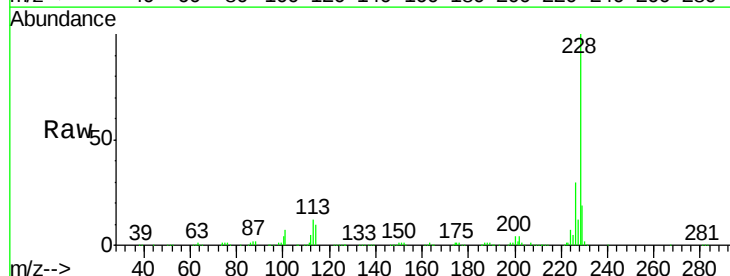
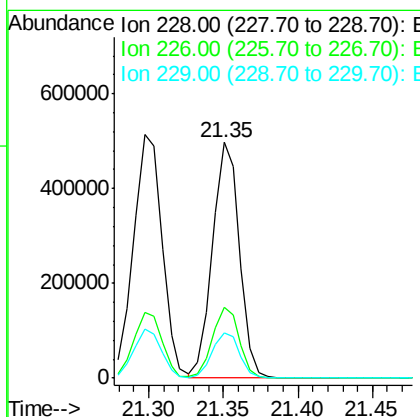
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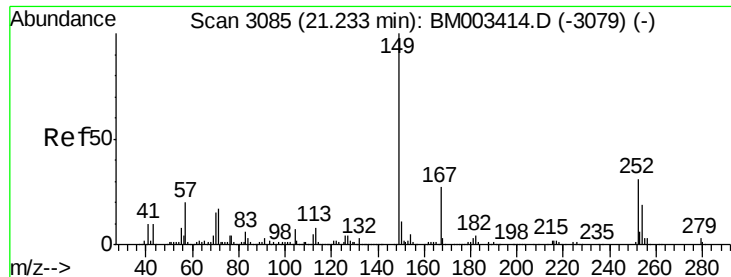
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 12/11/2015 6:00:41 PM



#82
 Chrysene
 Concen: 37.35 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM003461.D
 Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	626118		
226	29.9	24.1	36.1	
229	19.4	15.5	23.3	





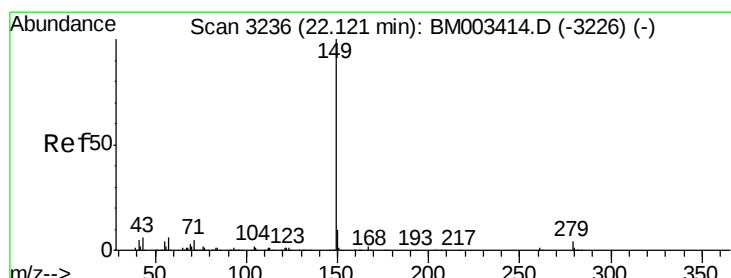
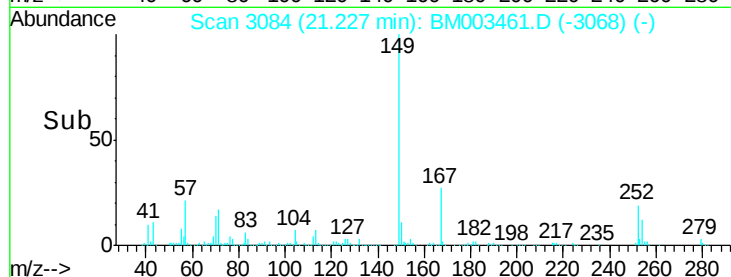
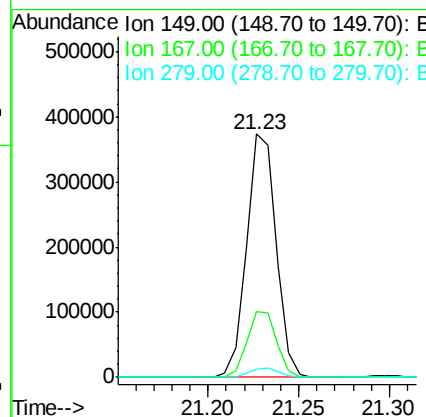
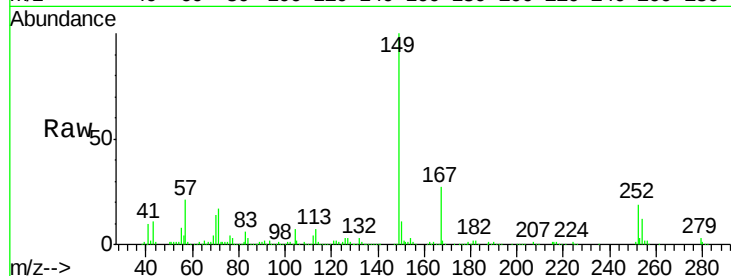
#83
Bis(2-ethylhexyl)phthalate
Concen: 39.11 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	420877		
167	27.0		22.4	33.6
279	3.4		3.4	5.0

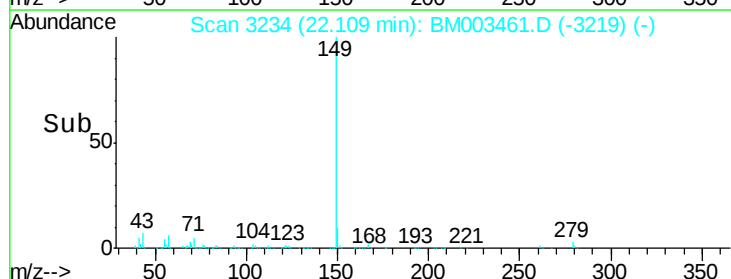
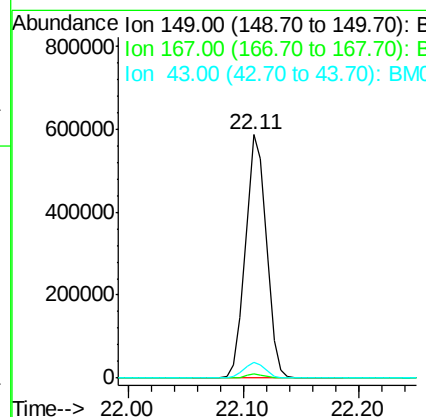
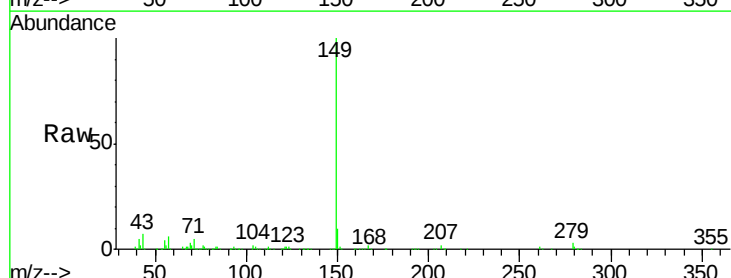
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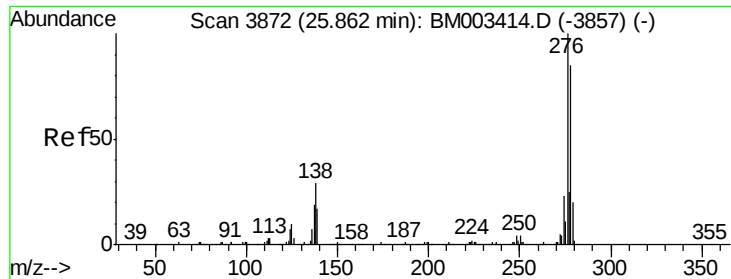
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#84
Di-n-octyl phthalate
Concen: 41.48 ng
RT: 22.11 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	737536		
167	1.5		1.2	1.8
43	6.7		7.3	10.9#





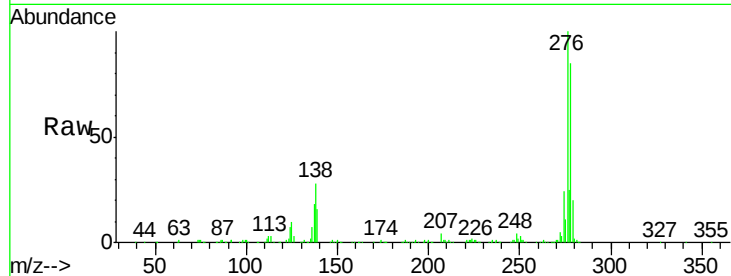
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.27 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

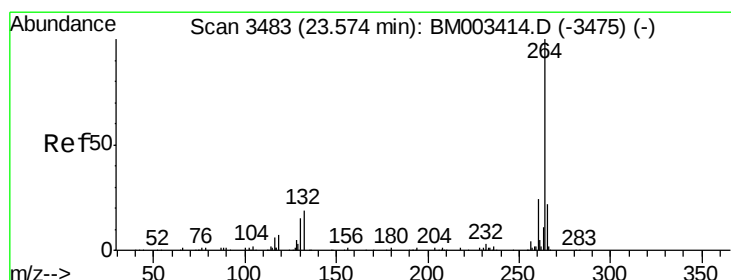
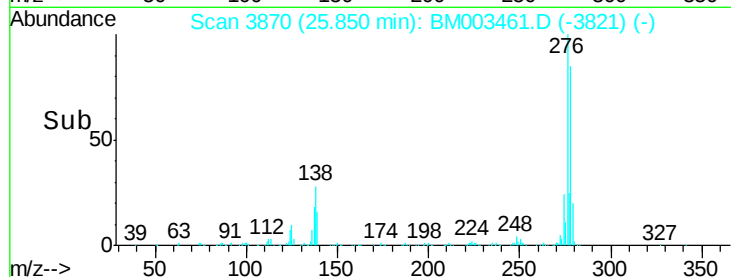
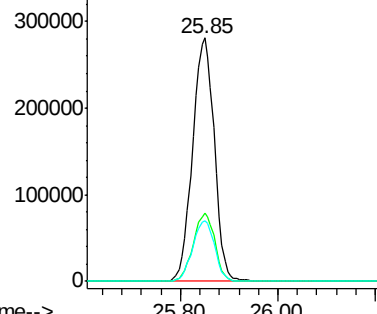
Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	27.8	0.0	0.0#
277	25.2	0.0	0.0#

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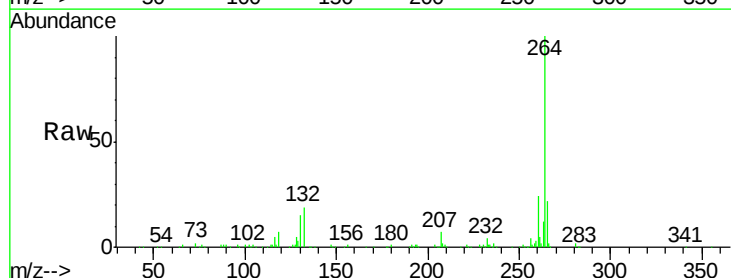


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

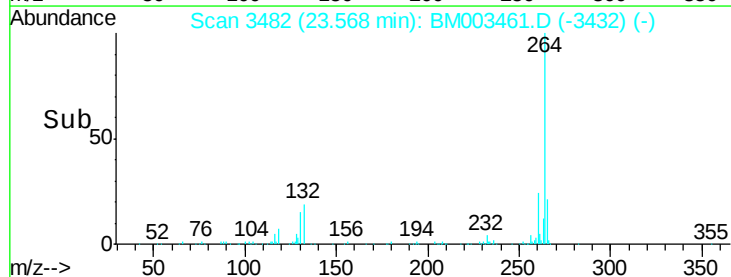
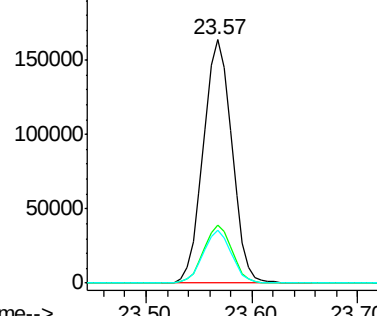


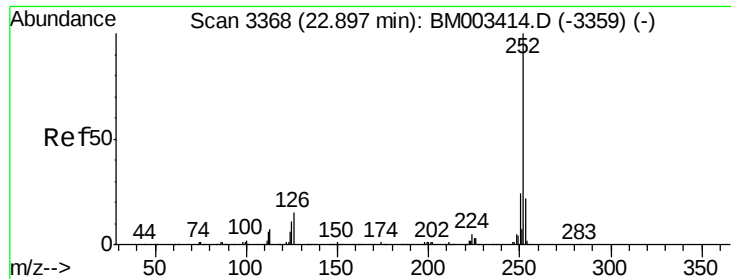
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.37 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Instrument :

BNA_M

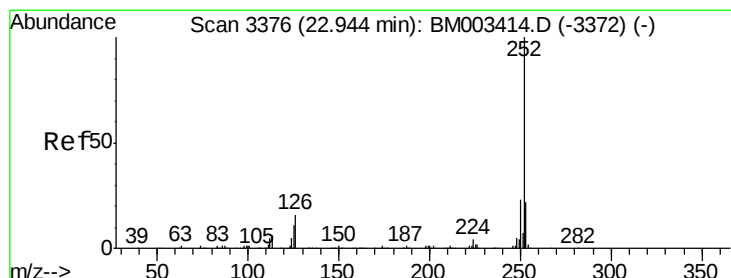
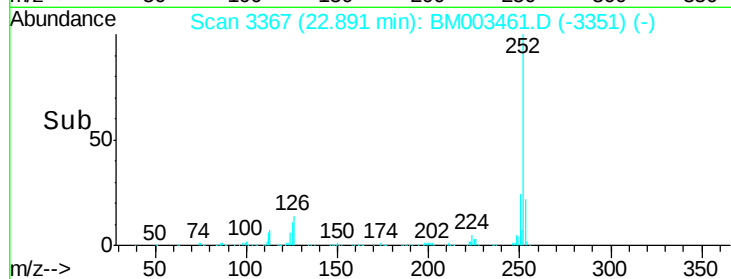
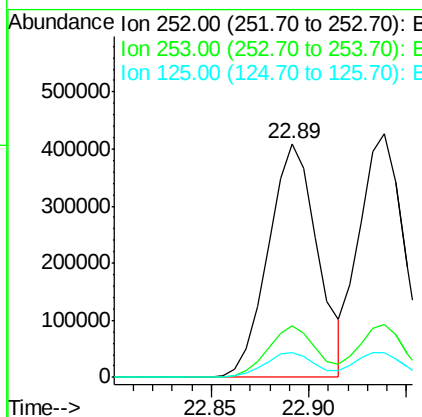
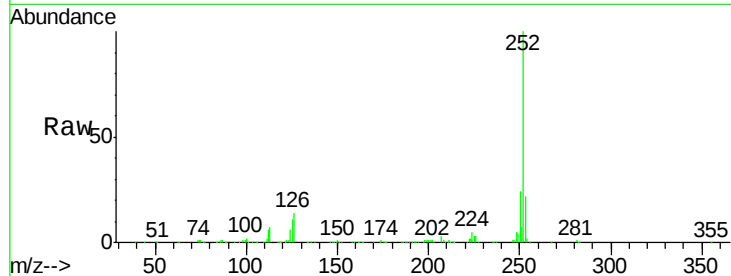
ClientSampleId :

PB87185BSD

Tot Ion:	252	Resp:	716601
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	10.8	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 36.85 ng

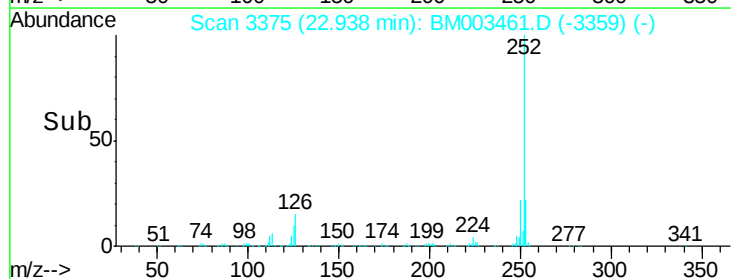
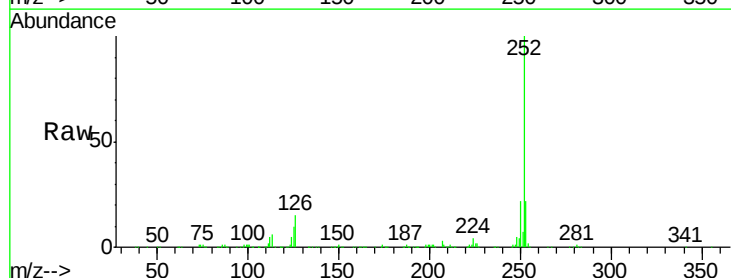
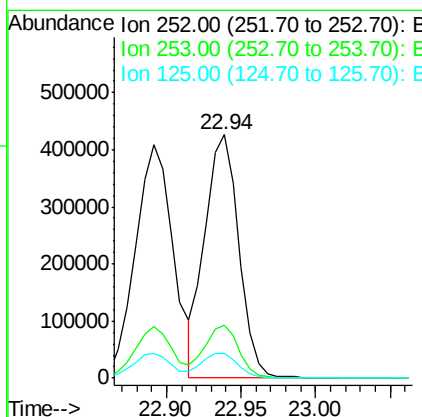
RT: 22.94 min Scan# 3375

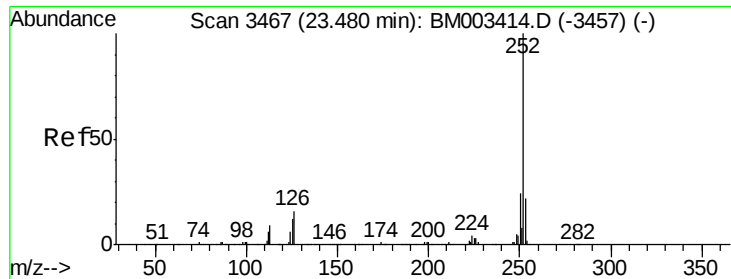
Delta R.T. -0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tgt Ion:	252	Resp:	672025
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	10.2	8.1	12.1





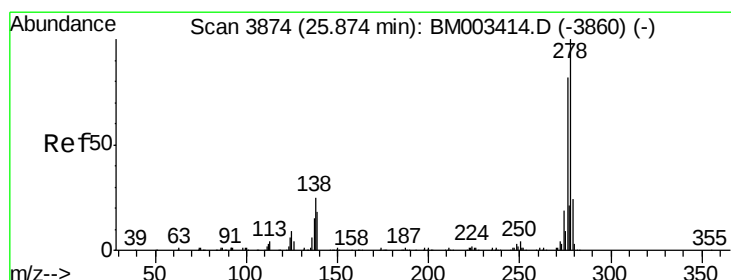
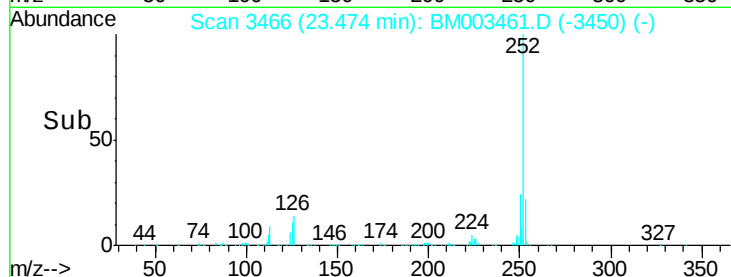
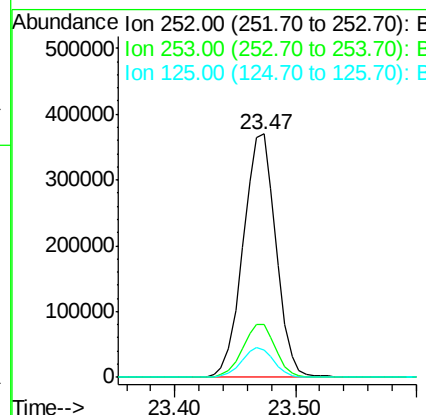
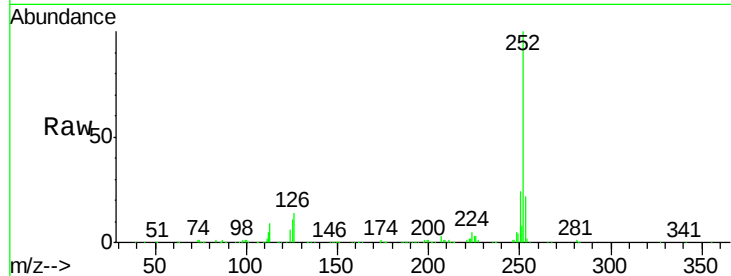
#89
Benzo(a)pyrene
Concen: 39.89 ng
RT: 23.47 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Instrument :
BNA_M
ClientSampleId :
PB87185BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.2	7.4	11.2#

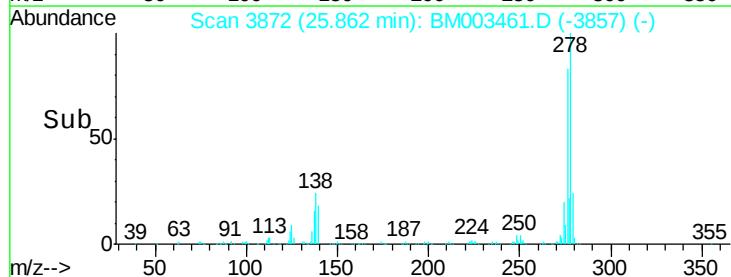
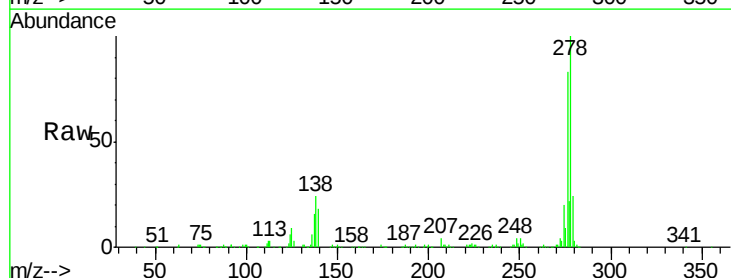
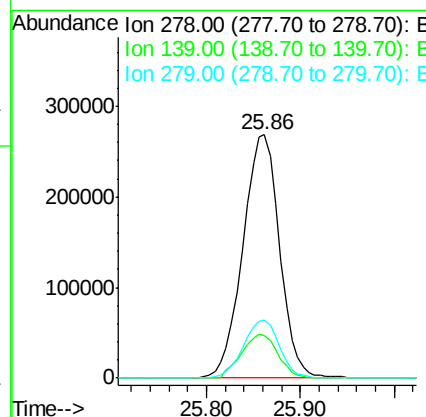
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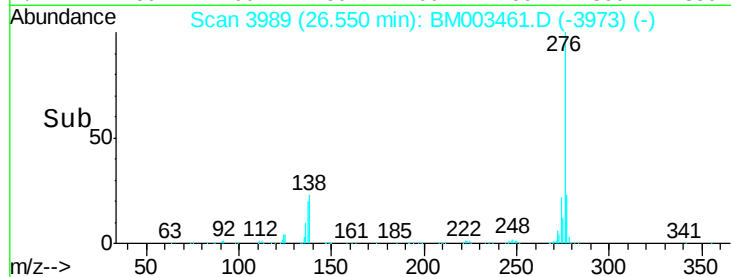
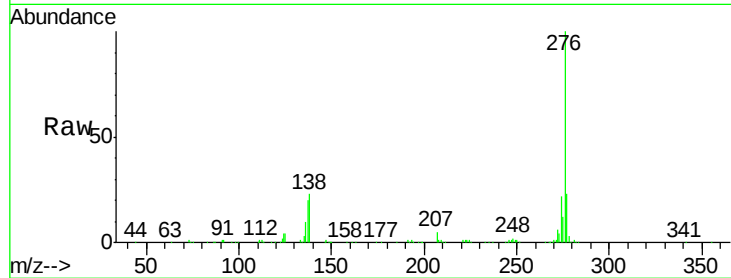
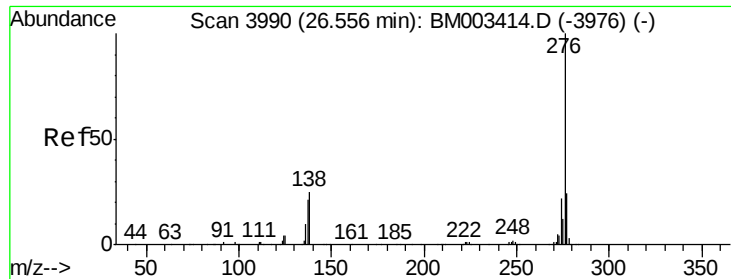
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#90
Dibenzo(a,h)anthracene
Concen: 42.35 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM003461.D
Acq: 10 Dec 2015 20:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.4	20.0
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 42.74 ng

RT: 26.55 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BM003461.D

Acq: 10 Dec 2015 20:23

Tot Ion:	276	Resp:	740719
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.5	27.7
138	23.4	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

PB87185BSD

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