

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
 Data File : BM011294.D
 Acq On : 18 Aug 2017 19:03
 Operator : SJ/JU
 Sample : PB101645BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:18:57 PM

Quant Time: Aug 18 23:29:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	121872	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	444627	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	303510	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	788826	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1045736	20.00	ng	-0.02
86) Perylene-d12	23.00	264	1013956	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	960025	133.16	ng	-0.02
7) Phenol-d6	6.48	99	1330676	129.91	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1231552	103.96	ng	-0.02
41) 2,4,6-Tribromophenol	15.44	330	629231	129.35	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2143000	88.55	ng	-0.02
78) Terphenyl-d14	19.37	244	3647493	69.09	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	129611	40.040	ng	# 100
3) Pyridine	3.28	79	388792	43.972	ng	# 85
4) n-Nitrosodimethylamine	3.20	42	243899	54.130	ng	# 67
6) Aniline	6.62	93	432512	33.502	ng	# 80
8) 2-Chlorophenol	6.85	128	268250	36.649	ng	# 63
9) Benzaldehyde	6.43	77	377528	56.962	ng	# 70
10) Phenol	6.50	94	449035	40.359	ng	# 90
11) bis(2-Chloroethyl)ether	6.73	93	344400	39.728	ng	# 81
12) 1,3-Dichlorobenzene	7.16	146	333120	37.343	ng	# 72
13) 1,4-Dichlorobenzene	7.30	146	339074	37.083	ng	# 86
14) 1,2-Dichlorobenzene	7.62	146	325669	37.252	ng	# 84
15) Benzyl Alcohol	7.52	79	456749	46.481	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.81	45	354968	45.504	ng	# 75
17) 2-Methylphenol	7.73	107	282966	39.794	ng	# 69
18) Hexachloroethane	8.32	117	161584	40.522	ng	# 78
19) n-Nitroso-di-n-propylamine	8.08	70	386550	44.408	ng	# 86
20) 3+4-Methylphenols	8.05	107	387620	39.215	ng	# 73
22) Acetophenone	8.09	105	553600	41.536	ng	# 86
24) Nitrobenzene	8.46	77	598104	48.721	ng	# 79
25) Isophorone	8.98	82	898977	45.512	ng	# 83
26) 2-Nitrophenol	9.16	139	155642	39.846	ng	# 1
27) 2,4-Dimethylphenol	9.24	122	268564	39.057	ng	# 62
28) bis(2-Chloroethoxy)methane	9.47	93	461865	41.924	ng	# 94
29) 2,4-Dichlorophenol	9.69	162	305163	39.494	ng	# 89
30) 1,2,4-Trichlorobenzene	9.90	180	396820	41.535	ng	# 95
31) Naphthalene	10.07	128	882120	39.437	ng	# 99
32) Benzoic acid	9.38	122	157443	28.486	ng	# 37
33) 4-Chloroaniline	10.22	127	151641	16.994	ng	# 70
34) Hexachlorobutadiene	10.37	225	342090	45.462	ng	# 99
35) Caprolactam	11.00	113	85322m	38.938	ng	#
36) 4-Chloro-3-methylphenol	11.35	107	397798	39.871	ng	# 66
37) 2-Methylnaphthalene	11.70	142	691305	42.071	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	531270	40.742	ng	# 100
40) Hexachlorocyclopentadiene	12.07	237	828075	108.984	ng	# 97

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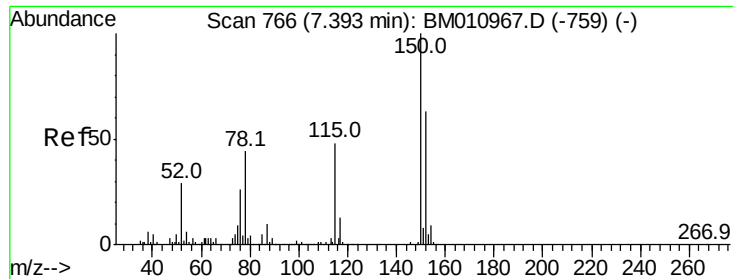
Manual Integrations
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Quant Time: Aug 18 23:29:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	319326	40.459	nq	96
43) 2,4,5-Trichlorophenol	12.42	196	327879	40.335	nq	# 85
45) 1,1'-Biphenyl	12.76	154	965326	36.783	nq	96
46) 2-Chloronaphthalene	12.79	162	773429	39.999	nq	# 93
47) 2-Nitroaniline	13.02	65	354698	51.851	nq	# 59
48) Acenaphthylene	13.65	152	1154577	40.010	nq	100
49) Dimethylphthalate	13.42	163	983450	37.877	nq	# 99
50) 2,6-Dinitrotoluene	13.53	165	209351	39.873	nq	# 26
51) Acenaphthene	14.00	154	721209	40.364	nq	99
52) 3-Nitroaniline	13.86	138	164938	36.201	nq	# 10
53) 2,4-Dinitrophenol	14.07	184	309206	82.865	nq	# 67
54) Dibenzofuran	14.34	168	1242066	42.902	nq	92
55) 4-Nitrophenol	14.20	139	256352	64.041	nq	# 65
56) 2,4-Dinitrotoluene	14.33	165	310426	42.115	nq	# 65
57) Fluorene	15.00	166	1009307	40.041	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.58	232	357787	46.958	nq	# 100
59) Diethylphthalate	14.80	149	1010489	38.108	nq	99
60) 4-Chlorophenyl-phenylether	15.01	204	626220	41.147	nq	99
61) 4-Nitroaniline	15.04	138	150187	31.034	nq	# 1
62) Azobenzene	15.30	77	1559936	54.968	nq	84
64) 4,6-Dinitro-2-methylphenol	15.10	198	210706	39.456	nq	92
65) n-Nitrosodiphenylamine	15.23	169	880322	38.995	nq	97
66) 4-Bromophenyl-phenylether	15.90	248	420442	41.461	nq	# 89
67) Hexachlorobenzene	16.01	284	424131	37.013	nq	# 91
68) Atrazine	16.20	200	379875	41.990	nq	96
69) Pentachlorophenol	16.36	266	565425	77.722	nq	96
70) Phenanthrene	16.74	178	1748062	42.321	nq	98
71) Anthracene	16.83	178	1771057	42.993	nq	99
72) Carbazole	17.12	167	1465832	40.689	nq	99
73) Di-n-butylphthalate	17.70	149	1692093	38.570	nq	# 95
74) Fluoranthene	18.77	202	2304176	45.015	nq	99
76) Benzidine	18.99	184	1484068	59.323	nq	98
77) Pyrene	19.14	202	2408296	38.758	nq	99
79) Butylbenzylphthalate	20.09	149	815736	36.919	nq	# 57
80) Benzo(a)anthracene	20.91	228	2560640	42.884	nq	98
81) 3,3'-Dichlorobenzidine	20.86	252	869991	37.140	nq	# 97
82) Chrysene	20.96	228	2397398	41.827	nq	99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1164025	35.810	nq	99
84) Di-n-octyl phthalate	21.73	149	1998263	37.877	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2725216	45.910	nq	# 96
87) Benzo(b)fluoranthene	22.39	252	2589429	39.790	nq	# 92
88) Benzo(k)fluoranthene	22.43	252	2553662	40.941	nq	# 95
89) Benzo(a)pyrene	22.91	252	2509094	42.609	nq	# 96
90) Dibenzo(a,h)anthracene	25.02	278	2254964	41.308	nq	# 90
91) Benzo(g,h,i)perylene	25.61	276	2267841	42.307	nq	# 85

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



#1

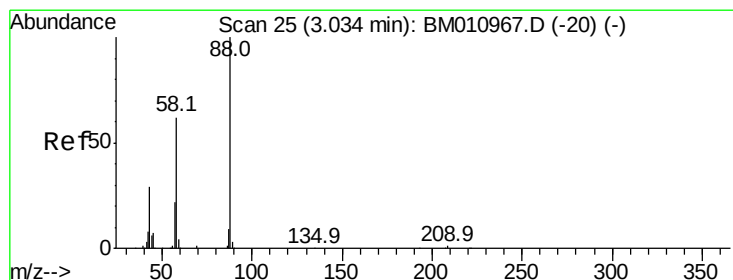
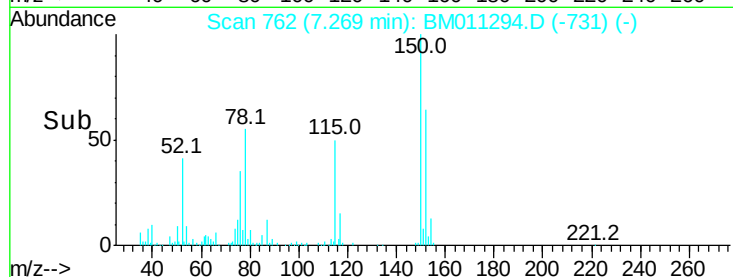
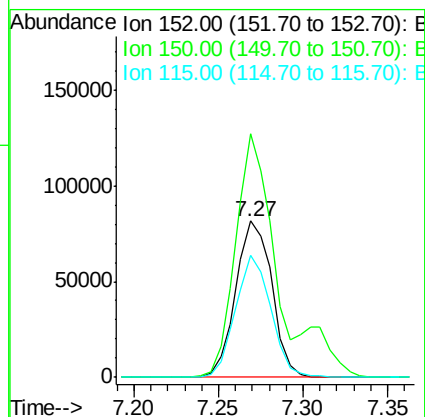
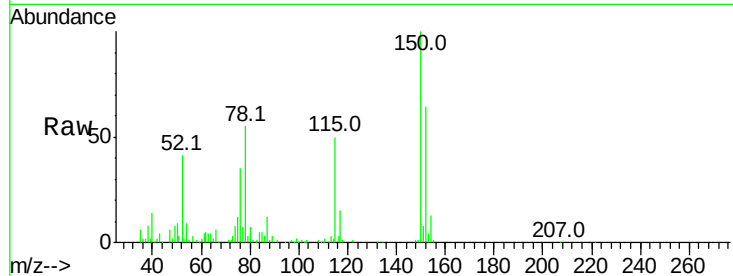
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	77.8	43.0	64.4#

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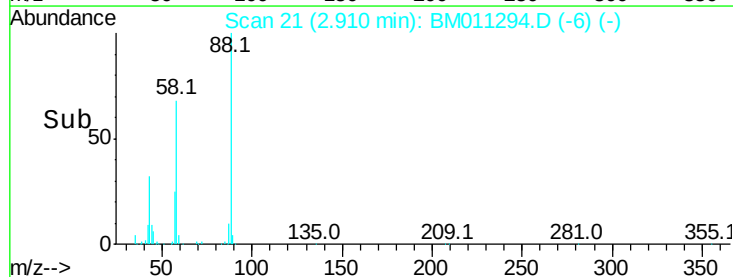
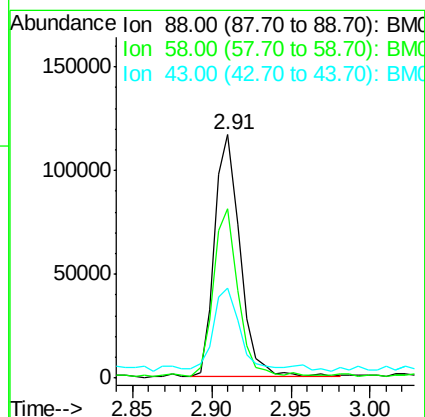
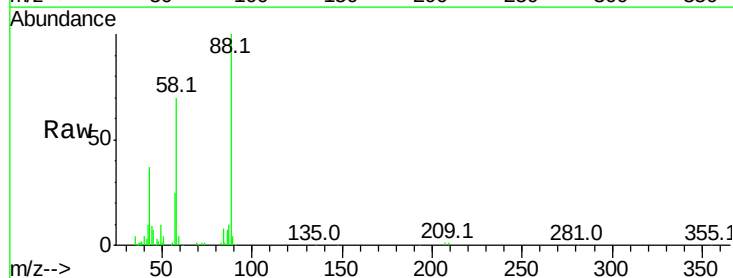
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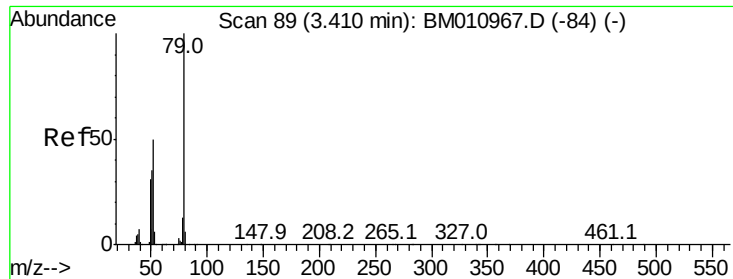


#2

1,4-Dioxane
Concen: 40.040 ng
RT: 2.91 min Scan# 21
Delta R.T. -0.01 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	0.0	0.0#
43	34.1	0.0	0.0#





#3

Pvridine

Concen: 43.972 ng

RT: 3.28 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

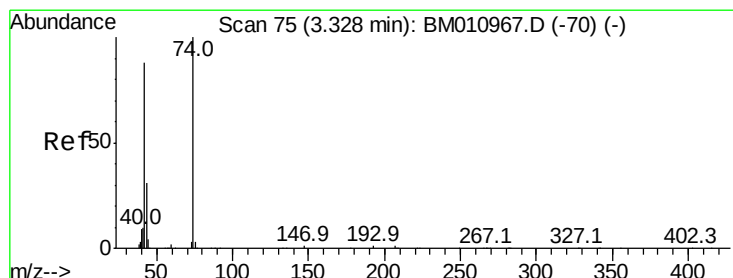
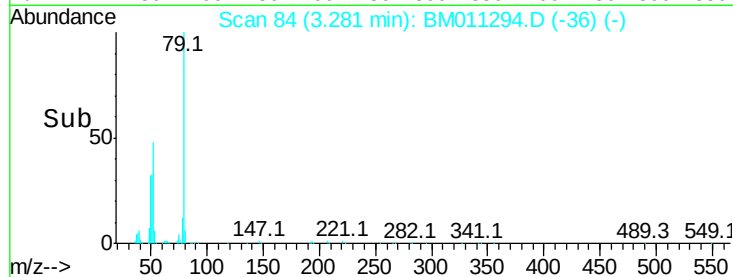
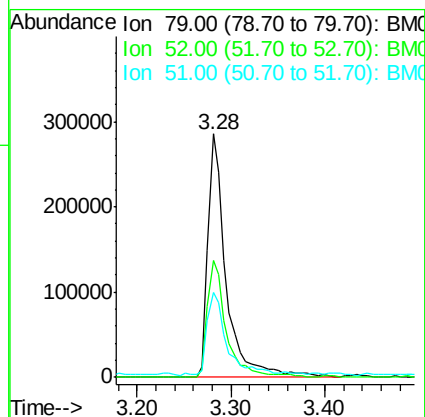
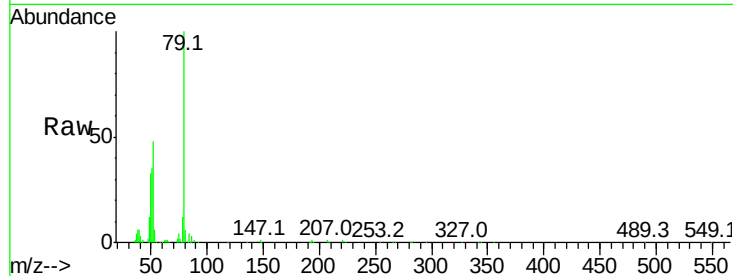
ClientSampleId :

PB101645BS

Tot Ion:	79	Resp:	388792
Ion Ratio	Lower	Upper	
79	100		
52	48.0	51.1	76.7#
51	35.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 54.130 ng

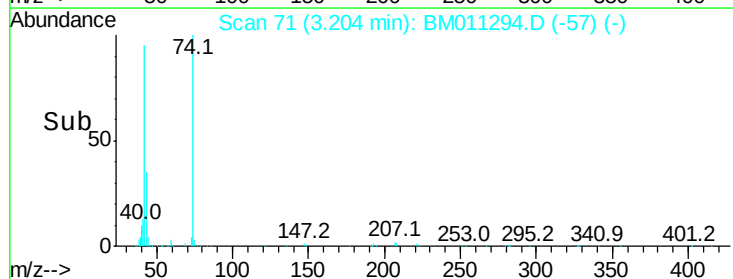
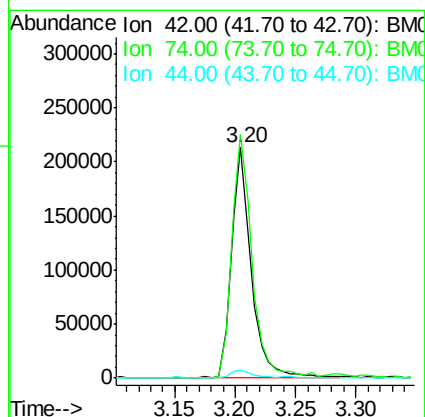
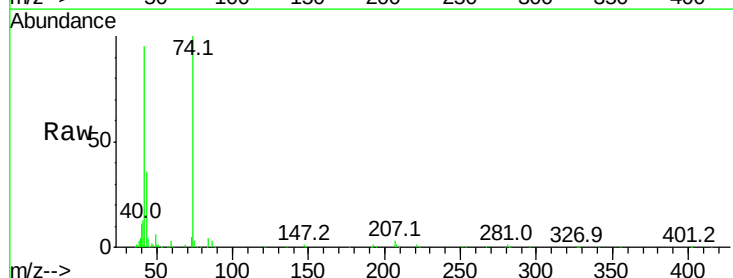
RT: 3.20 min Scan# 71

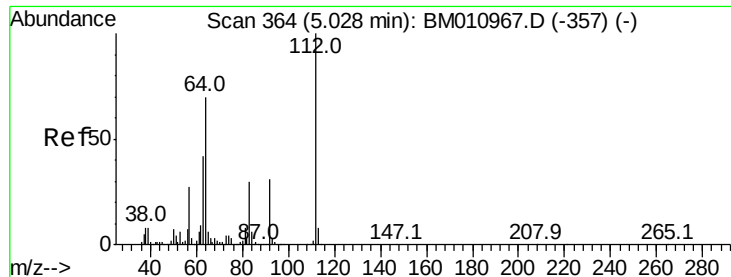
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion:	42	Resp:	243899
Ion Ratio	Lower	Upper	
42	100		
74	105.6	119.3	178.9#
44	3.7	5.4	8.2#





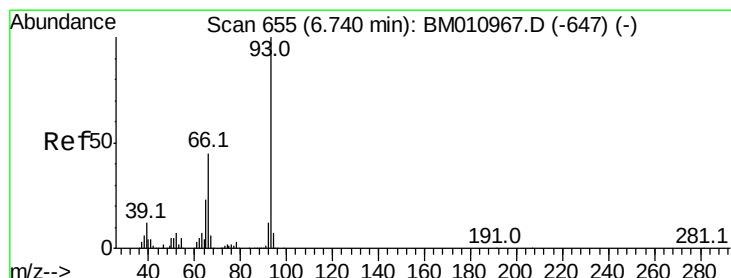
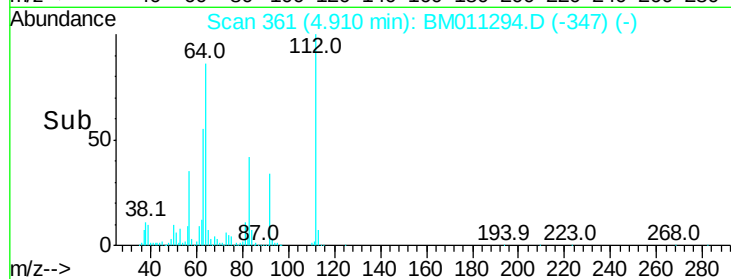
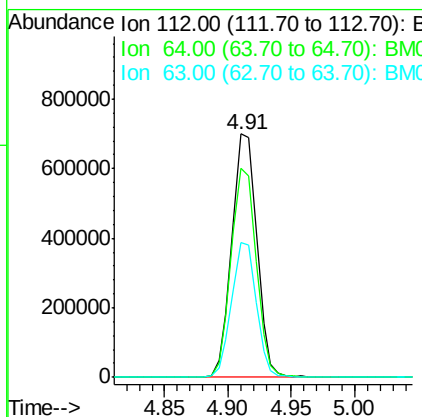
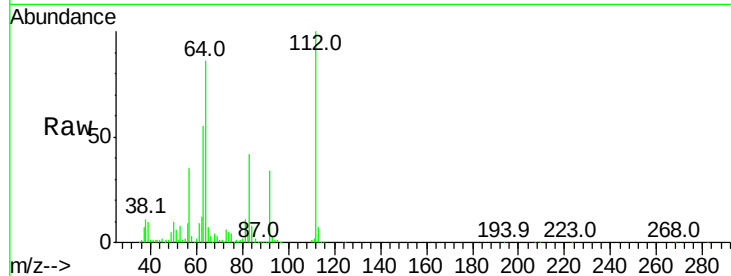
#5
2-Fluorophenol
Concen: 133.161 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	85.7	38.6	57.8#
63	55.5	19.3	28.9#

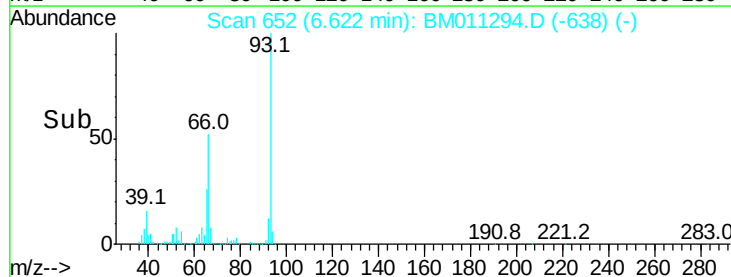
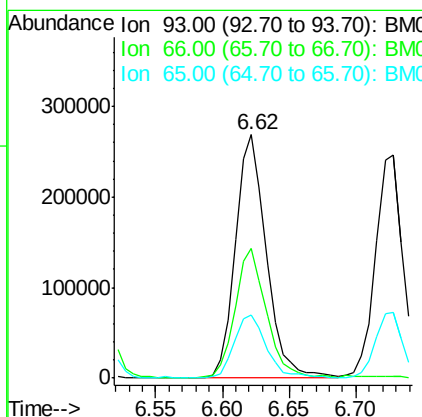
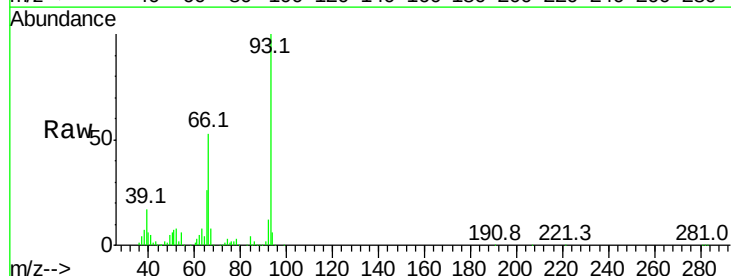
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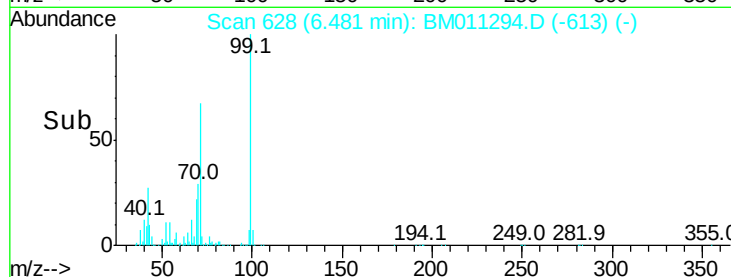
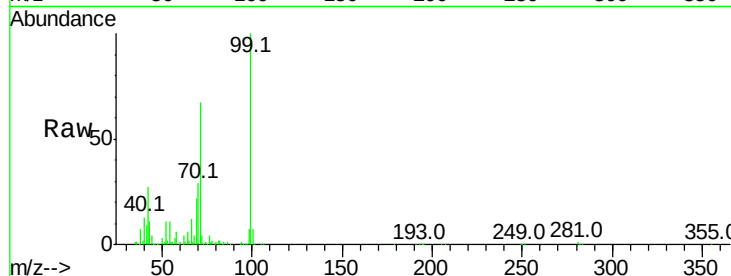
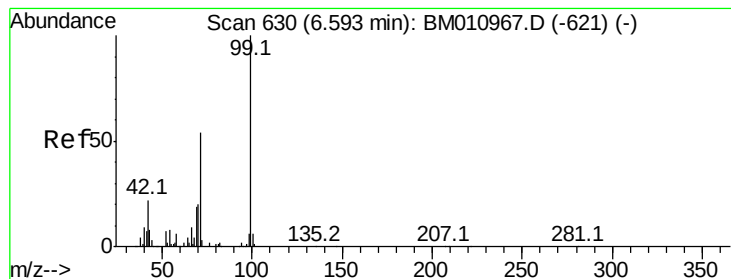
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#6
Aniline
Concen: 33.502 ng
RT: 6.62 min Scan# 652
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	53.1	30.8	46.2#
65	26.1	16.0	24.0#





#7

Phenol-d6

Concen: 129.906 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tot Ion: 99 Resp: 1330676

Ion Ratio Lower Upper

99 100

42 27.2 11.0 16.4#

71 66.9 23.4 35.2#

Instrument :

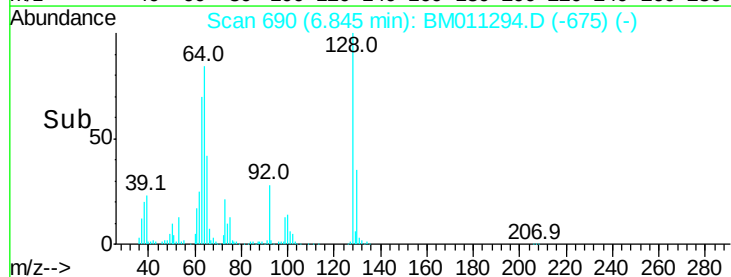
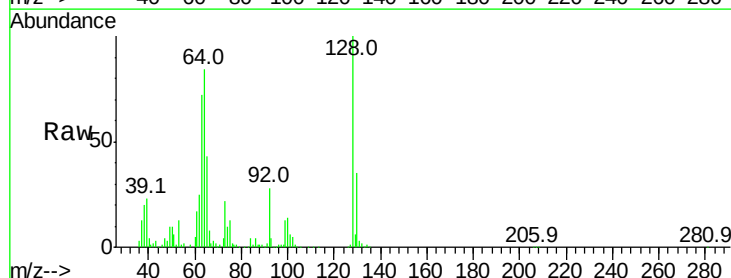
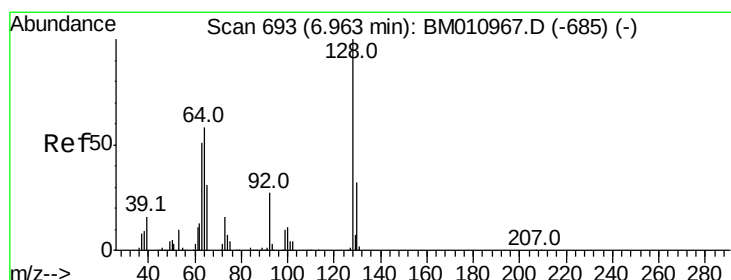
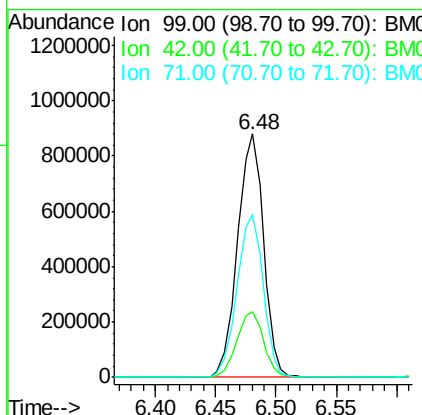
BNA_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 36.649 ng

RT: 6.85 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

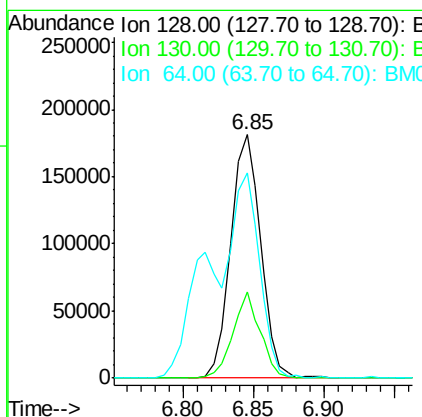
Tgt Ion: 128 Resp: 268250

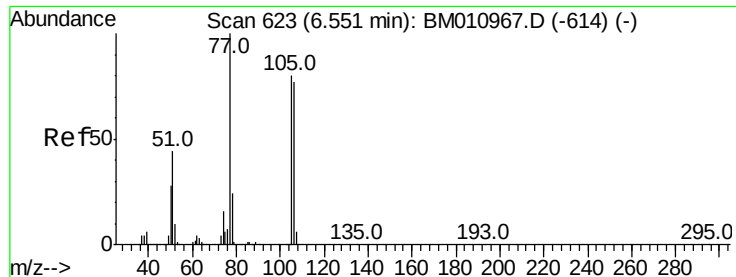
Ion Ratio Lower Upper

128 100

130 35.3 12.0 52.0

64 84.0 24.9 64.9#





#9

Benzaldehyde

Concen: 56.962 ng

RT: 6.43 min Scan# 620

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

ClientSampleId :

PB101645BS

Tot Ion: 77 Resp: 377528

Ion Ratio Lower Upper

77 100

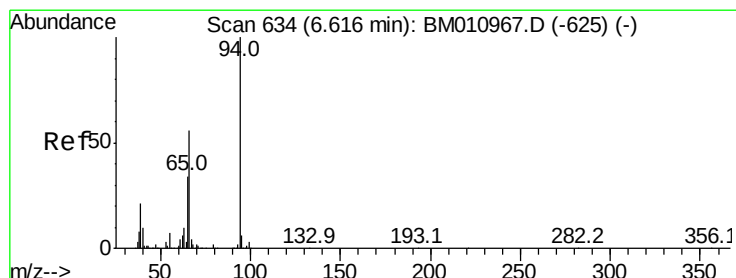
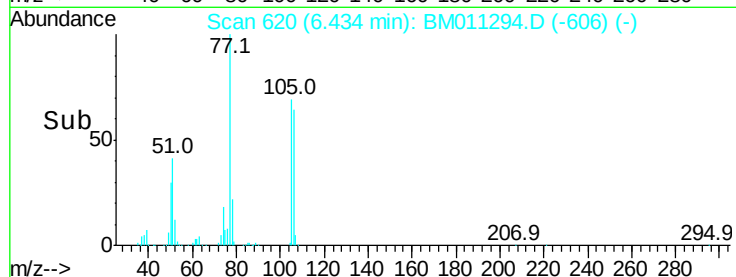
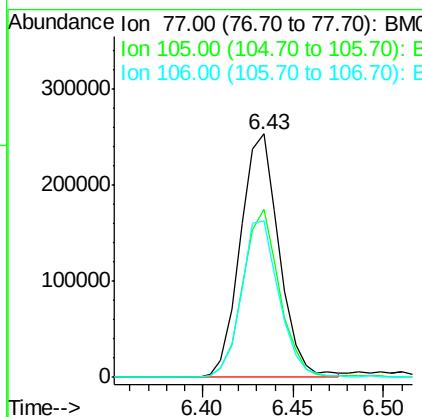
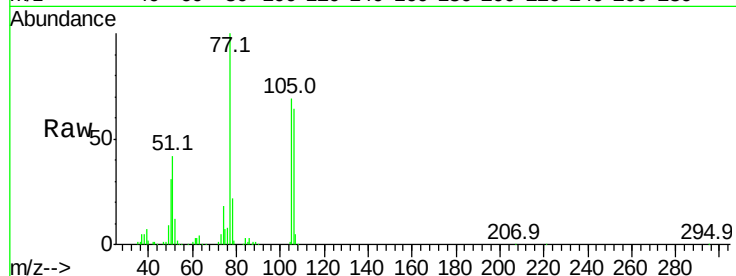
105 68.9 78.8 118.8#

106 64.4 73.7 113.7#

Manual Integrations
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#10

Phenol

Concen: 40.359 ng

RT: 6.50 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

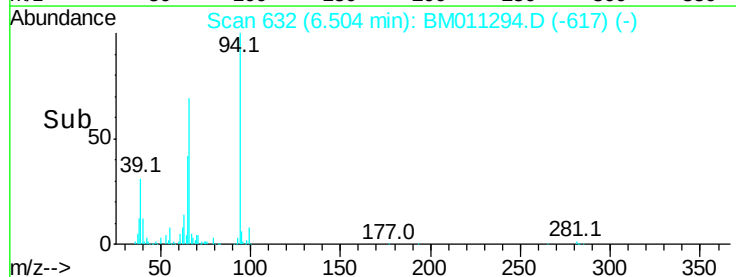
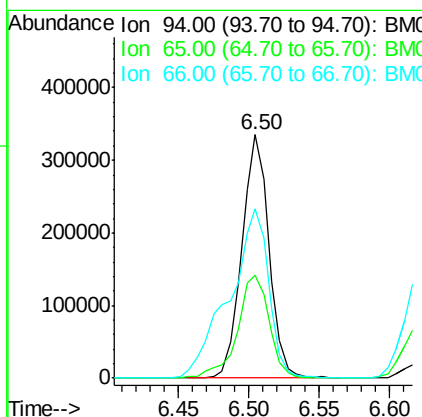
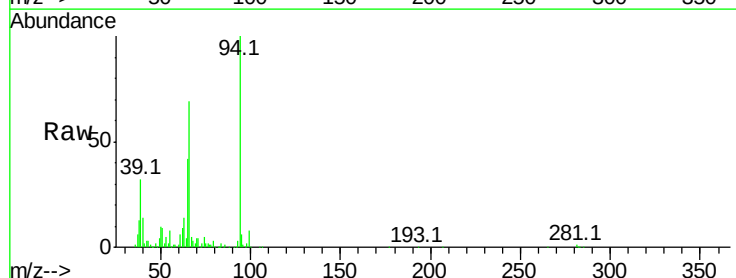
Tgt Ion: 94 Resp: 449035

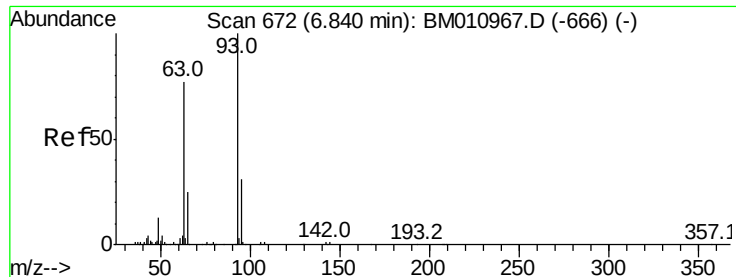
Ion Ratio Lower Upper

94 100

65 42.1 18.8 58.8

66 69.4 39.9 79.9





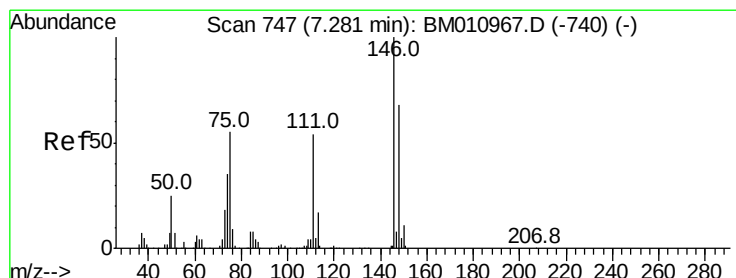
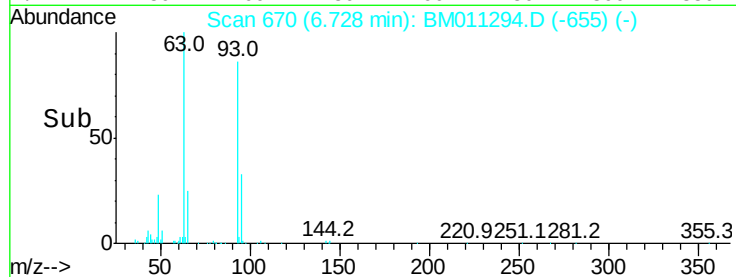
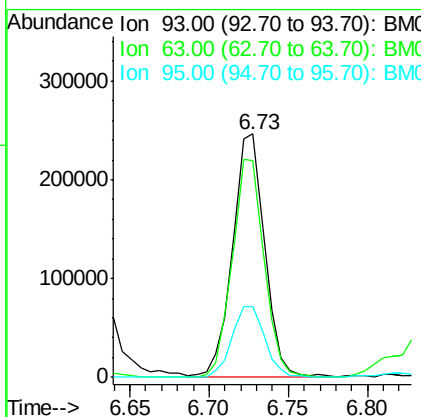
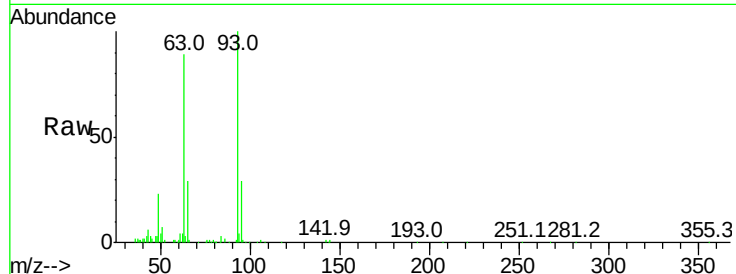
#11
bis(2-Chloroethyl)ether
Concen: 39.728 ng
RT: 6.73 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	344400		
63	89.1	49.5	89.5	
95	29.2	13.5	53.5	

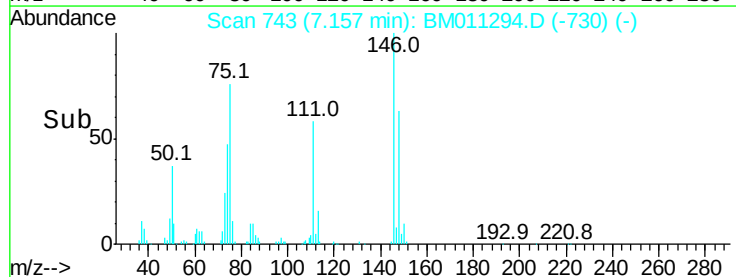
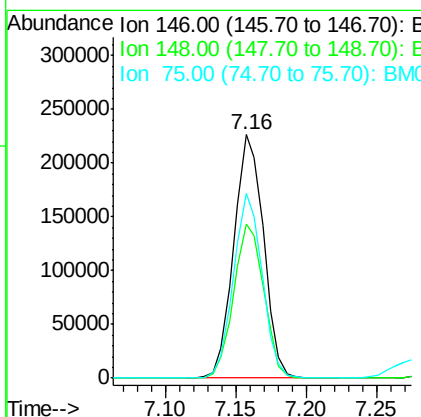
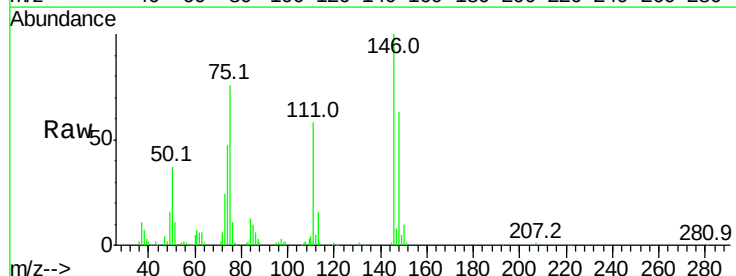
Manual Integrations
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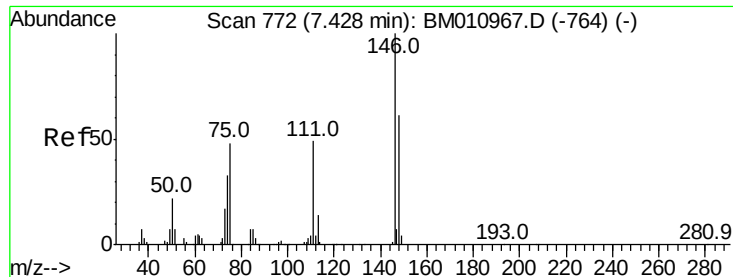
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.343 ng
RT: 7.16 min Scan# 743
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	333120		
148	63.3	50.9	76.3	
75	75.9	21.4	32.2	





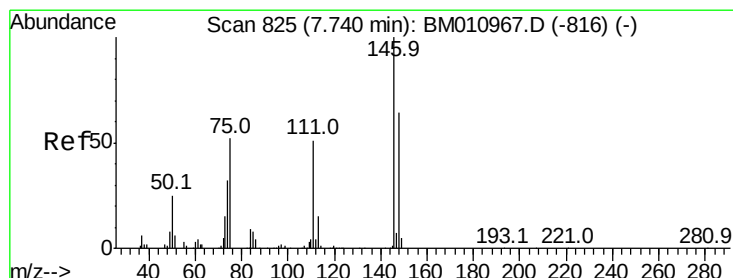
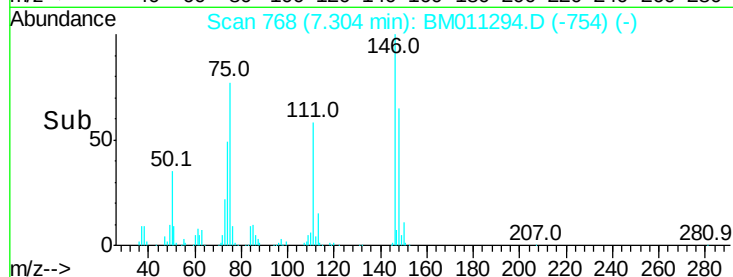
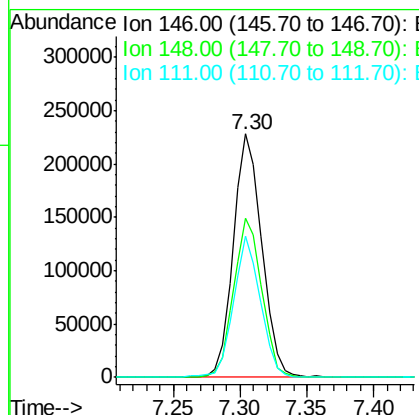
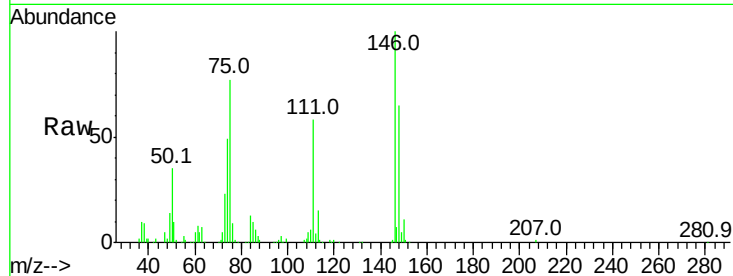
#13
 1,4-Dichlorobenzene
 Concen: 37.083 ng
 RT: 7.30 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	58.3	29.2	43.8

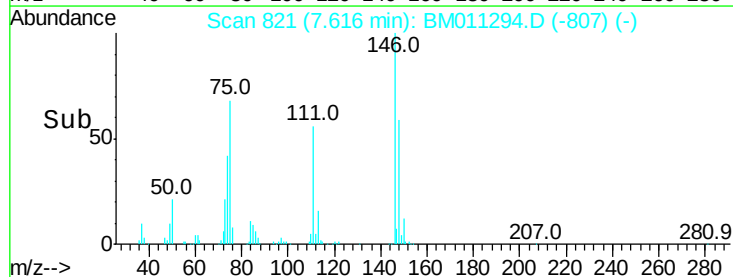
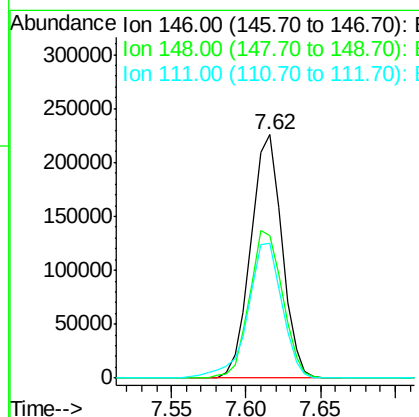
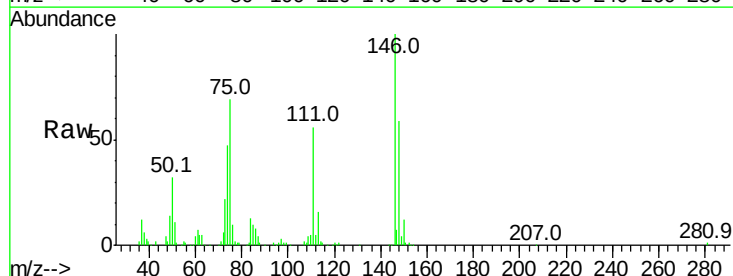
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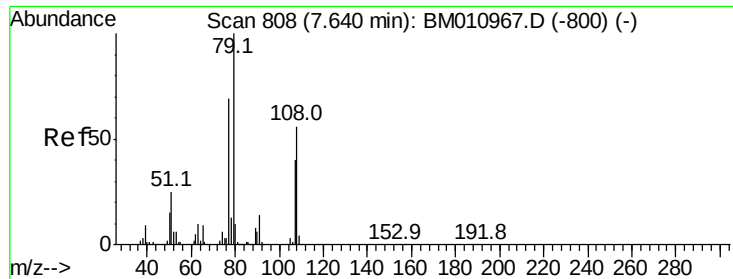
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#14
 1,2-Dichlorobenzene
 Concen: 37.252 ng
 RT: 7.62 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.8	52.3	78.5
111	55.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 46.481 ng

RT: 7.52 min Scan# 805

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

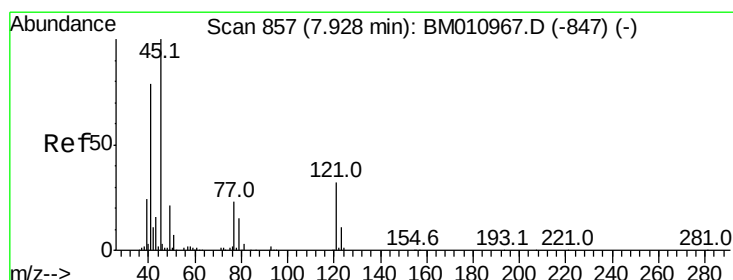
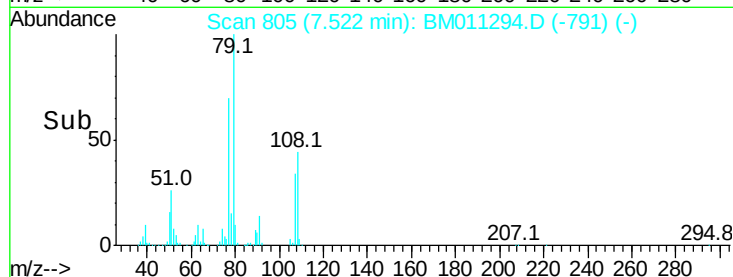
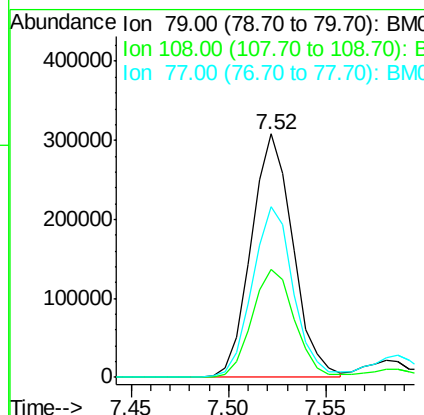
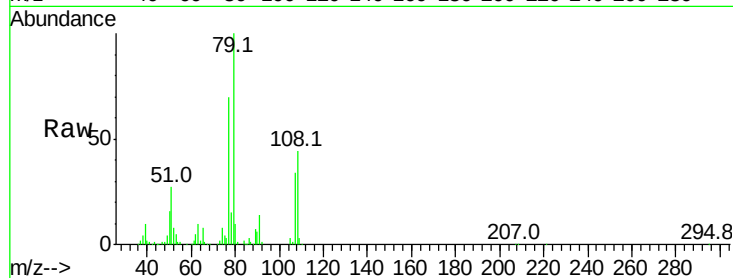
ClientSampled :

PB101645BS

Tot Ion:	79	Resp:	456749
Ion Ratio	Lower	Upper	
79	100		
108	44.2	65.0	97.4#
77	70.3	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.504 ng

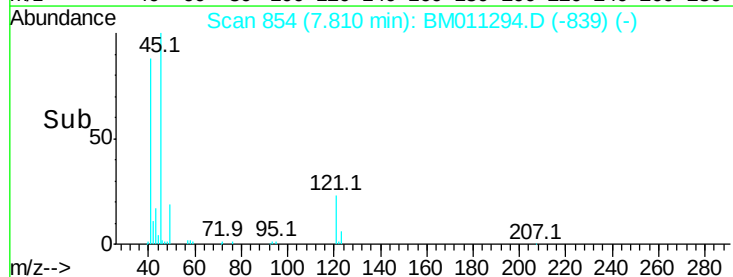
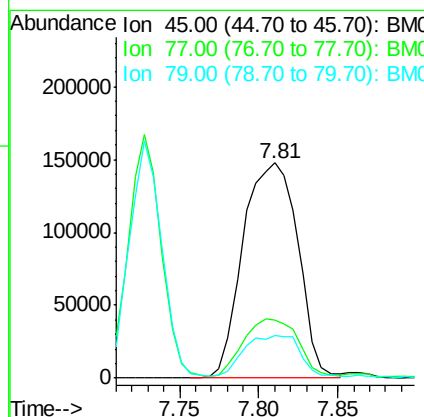
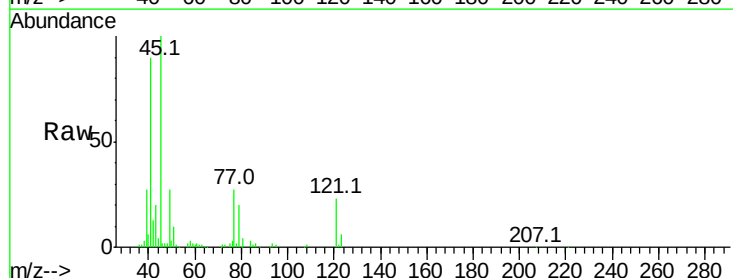
RT: 7.81 min Scan# 854

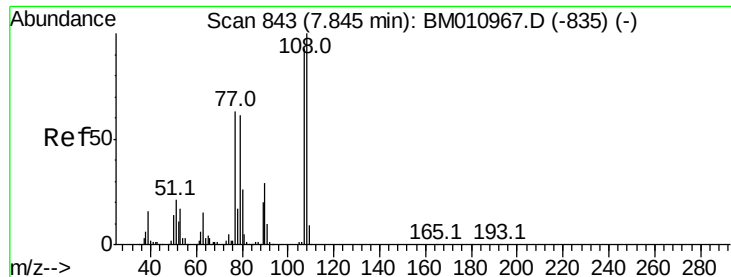
Delta R.T. -0.01 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion:	45	Resp:	354968
Ion Ratio	Lower	Upper	
45	100		
77	27.2	0.0	35.2
79	19.9	0.0	32.0





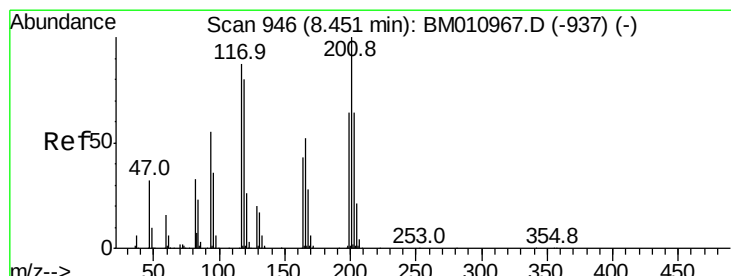
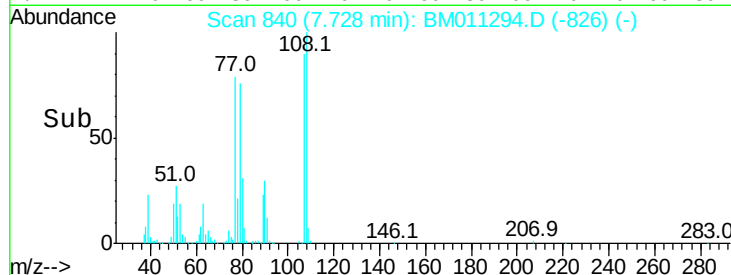
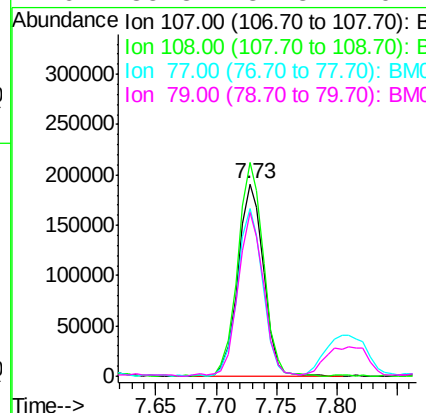
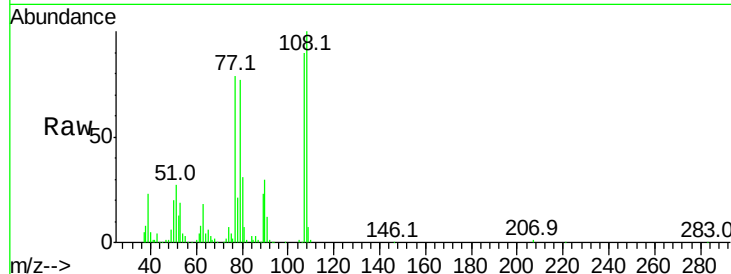
#17
2-Methylphenol
Concen: 39.794 ng
RT: 7.73 min Scan# 840
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	89.8	134.8	
77	87.5	32.6	48.8#	
79	85.3	32.8	49.2#	

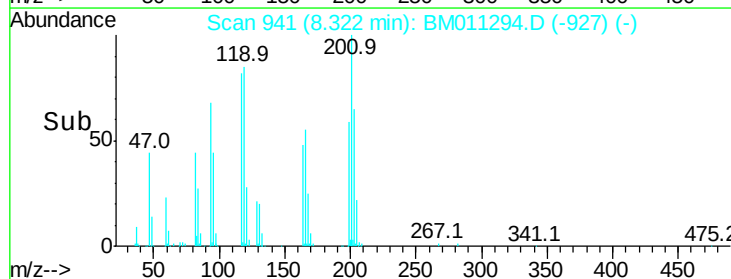
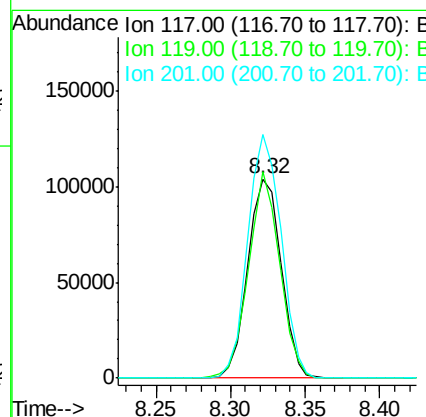
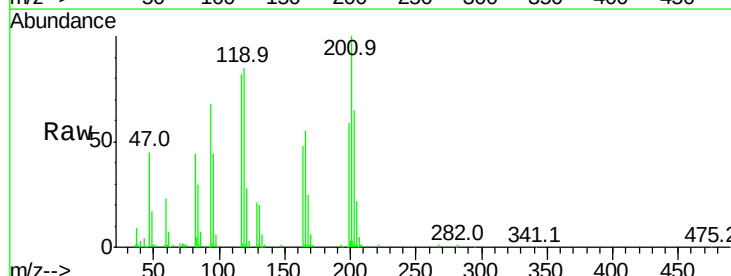
Manual Integrations
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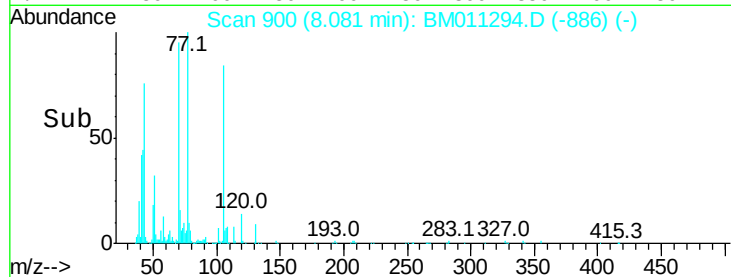
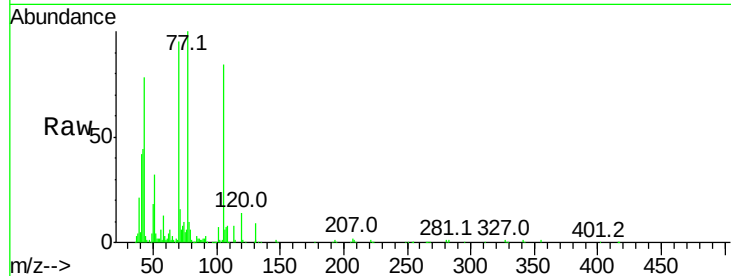
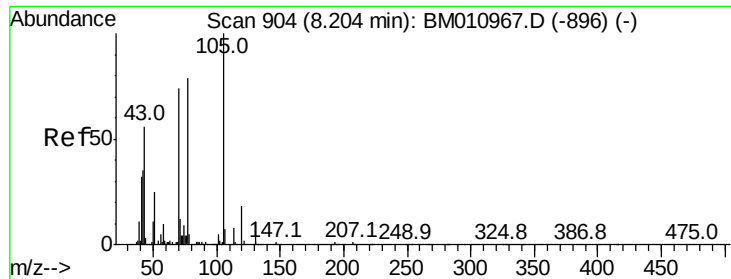
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#18
Hexachloroethane
Concen: 40.522 ng
RT: 8.32 min Scan# 941
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.4	79.2	118.8	
201	125.6	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 44.408 ng

RT: 8.08 min Scan# 900

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

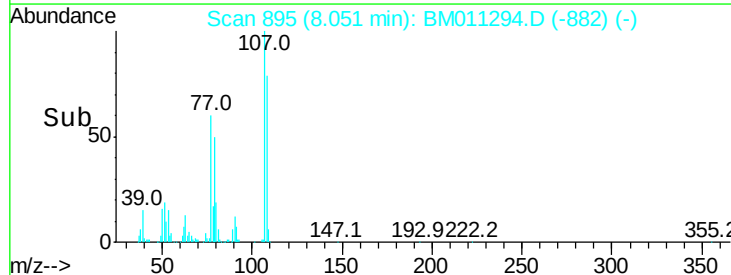
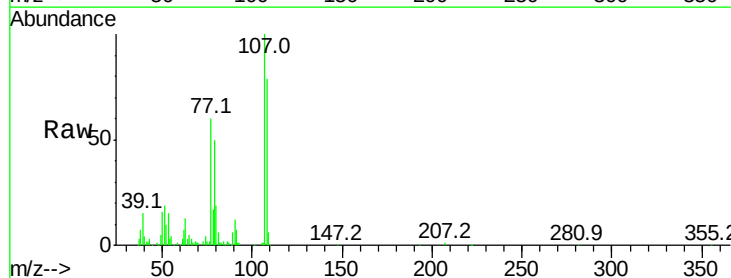
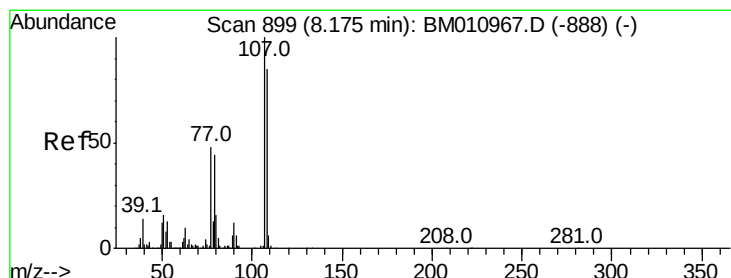
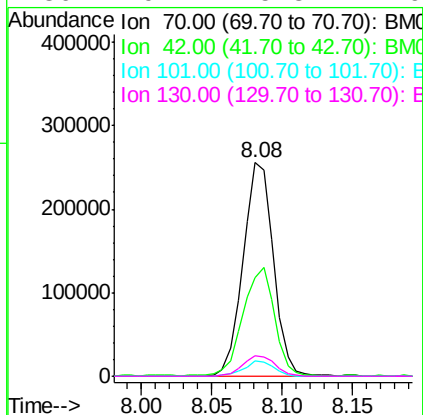
ClientSampleId :

PB101645BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	44.5	66.7
101	7.5	7.4	11.2
130	9.7	15.3	22.9#

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#20

3+4-Methylphenols

Concen: 39.215 ng

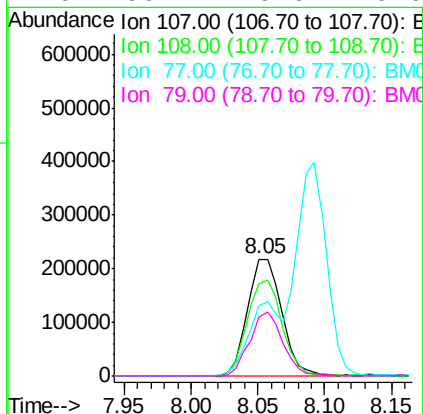
RT: 8.05 min Scan# 895

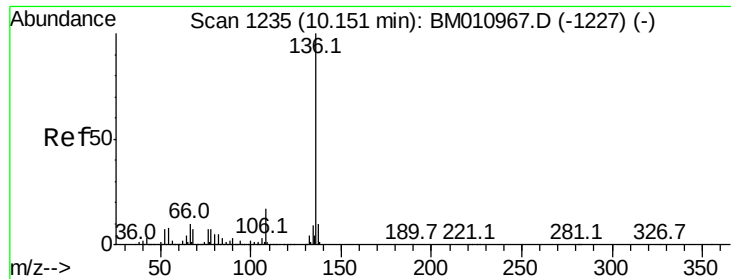
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.5	73.2	113.2
77	60.3	10.7	50.7#
79	50.2	9.6	49.6#





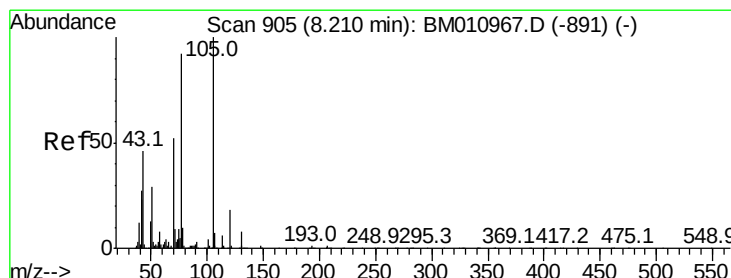
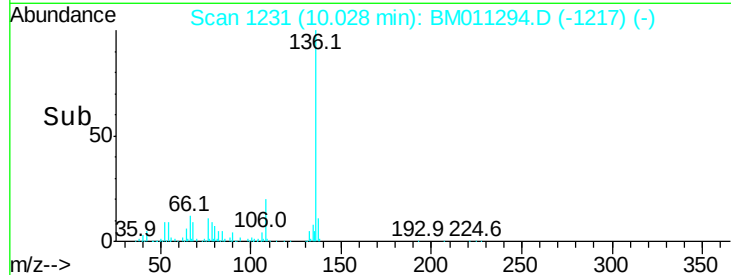
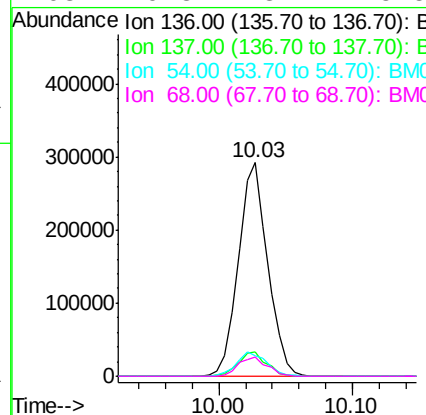
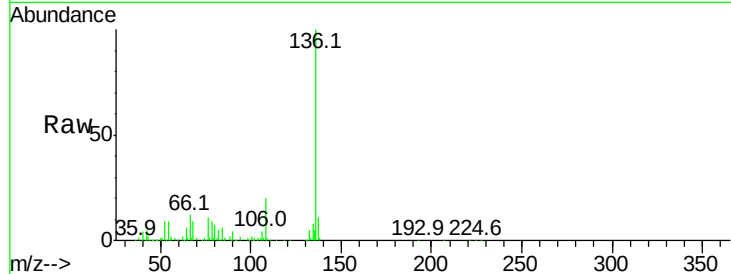
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.03 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.7	13.1	
54	9.4	4.6	6.8#	
68	9.3	3.7	5.5#	

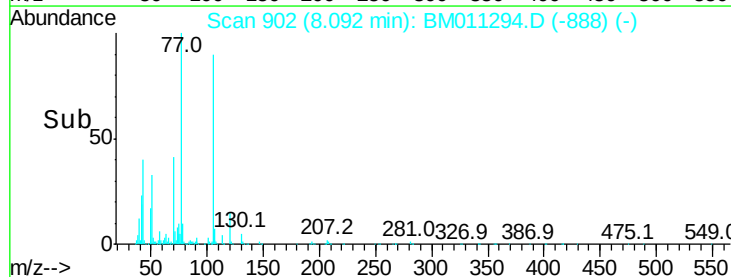
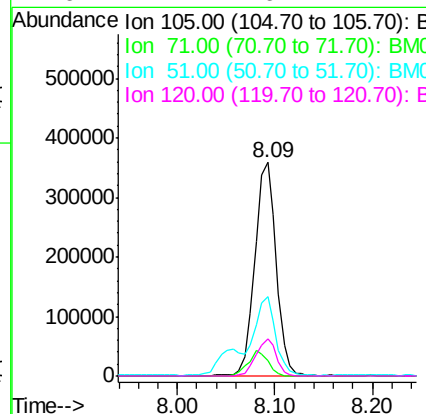
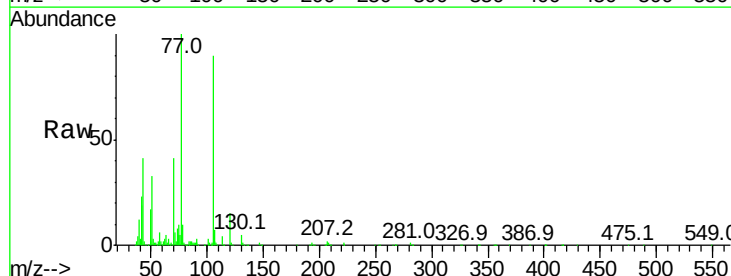
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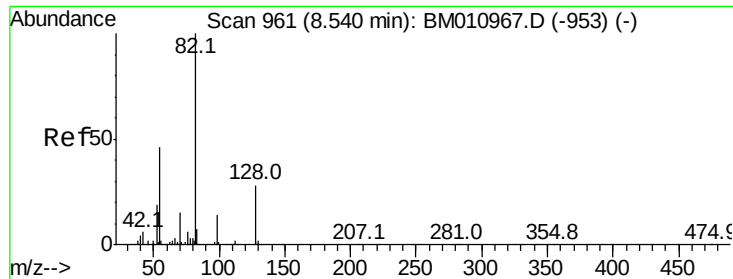
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#22
Acetophenone
Concen: 41.536 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	0.6	1.0#	
51	37.0	21.6	32.4#	
120	17.2	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 103.957 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

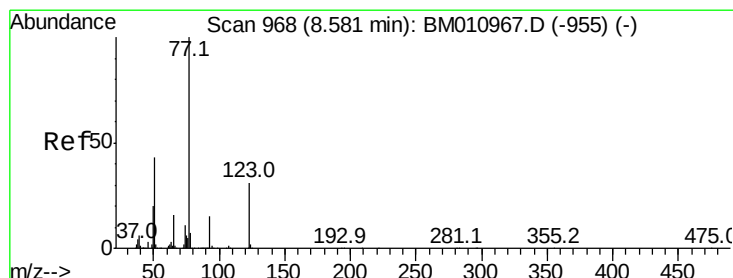
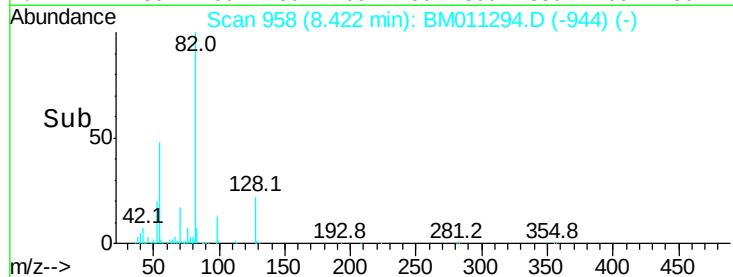
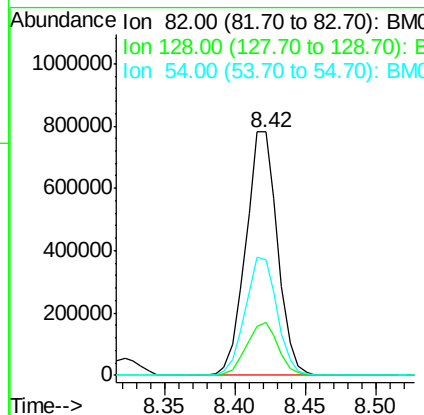
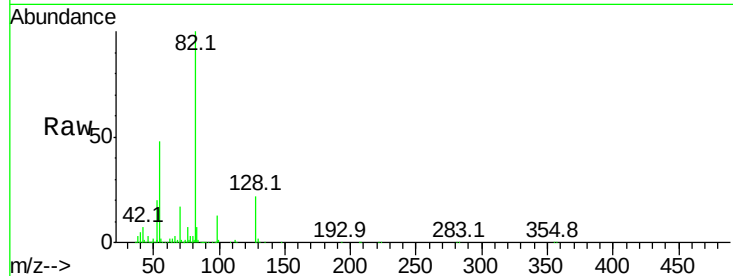
ClientSampled :

PB101645BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	21.6	32.8	49.2#
54	47.7	40.6	60.8

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#24

Nitrobenzene

Concen: 48.721 ng

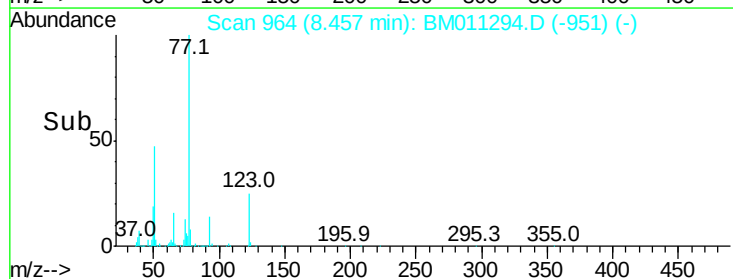
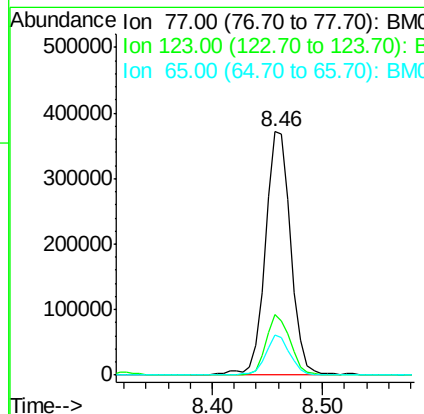
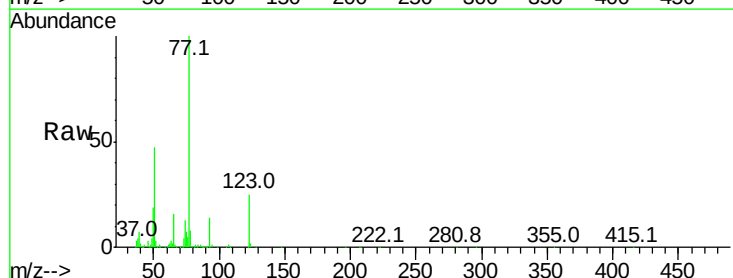
RT: 8.46 min Scan# 964

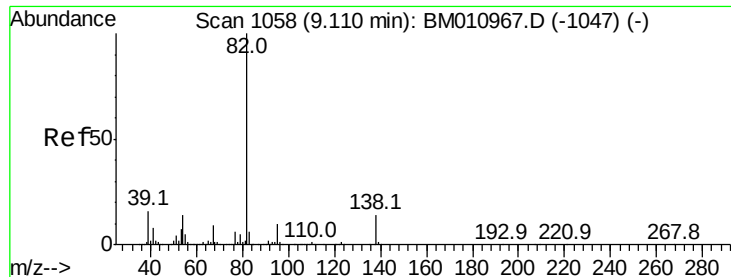
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	25.0	32.6	49.0#
65	16.4	10.9	16.3#





#25

Isophorone

Concen: 45.512 ng

RT: 8.98 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

ClientSampleId :

PB101645BS

Tot Ion: 82 Resp: 898977

Ion Ratio Lower Upper

82 100

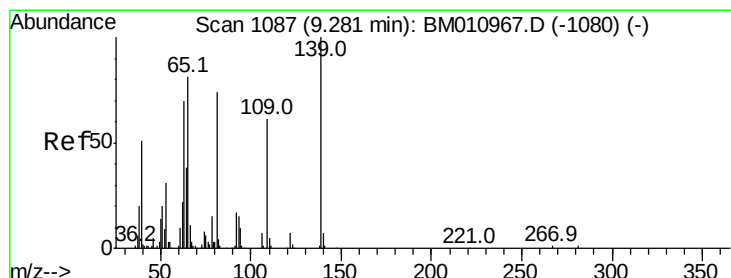
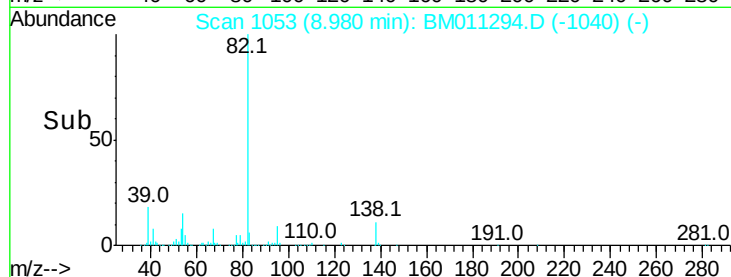
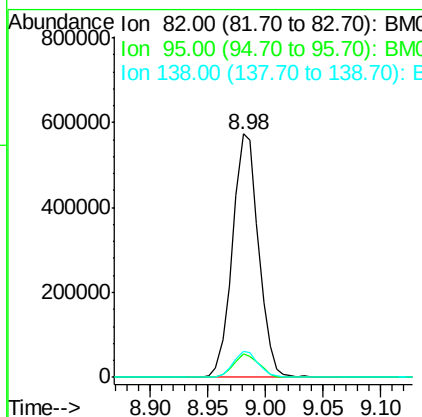
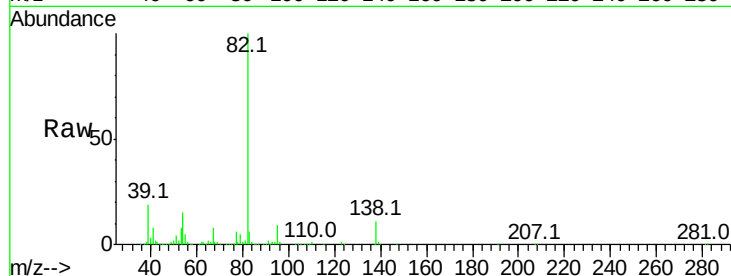
95 9.5 5.8 8.6#

138 10.7 16.3 24.5#

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#26

2-Nitrophenol

Concen: 39.846 ng

RT: 9.16 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

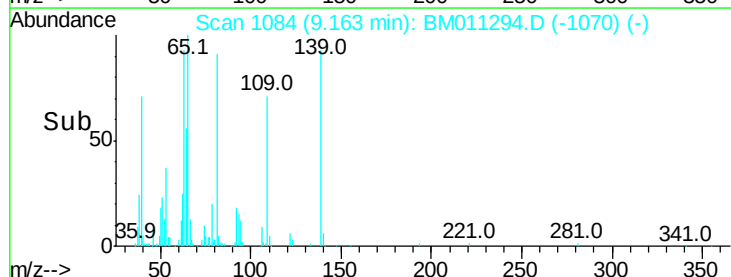
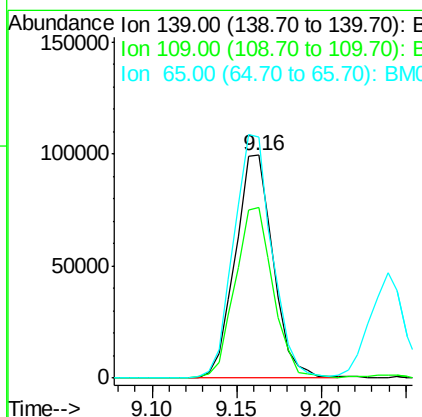
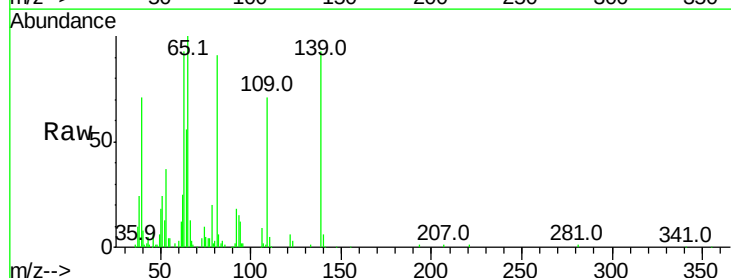
Tgt Ion: 139 Resp: 155642

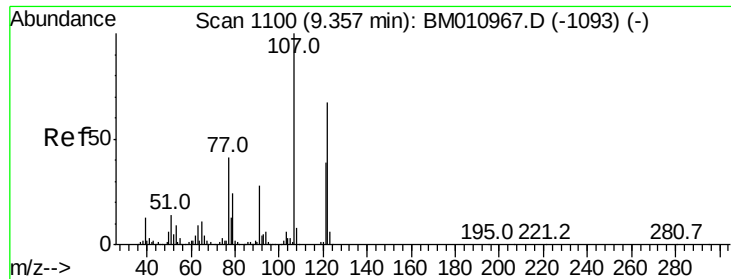
Ion Ratio Lower Upper

139 100

109 76.6 20.1 30.1#

65 108.1 31.5 47.3#





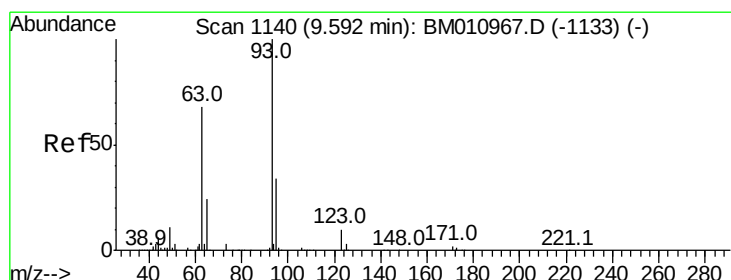
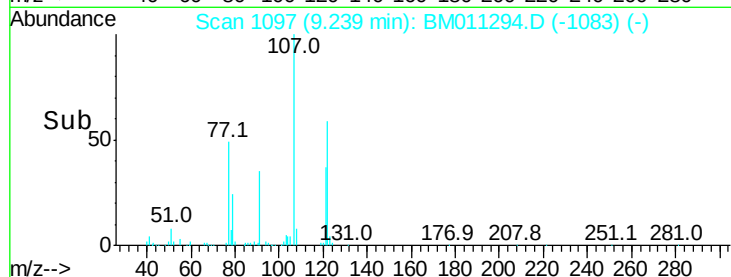
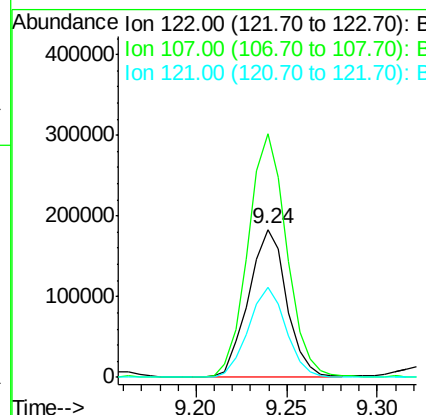
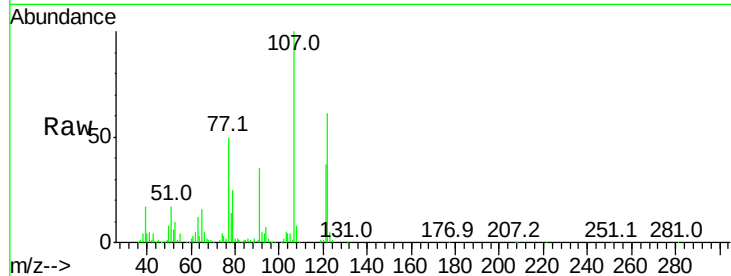
#27
 2,4-Dimethylphenol
 Concen: 39.057 ng
 RT: 9.24 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	268564		
107	164.5	84.7	127.1#	
121	60.6	46.6	69.8	

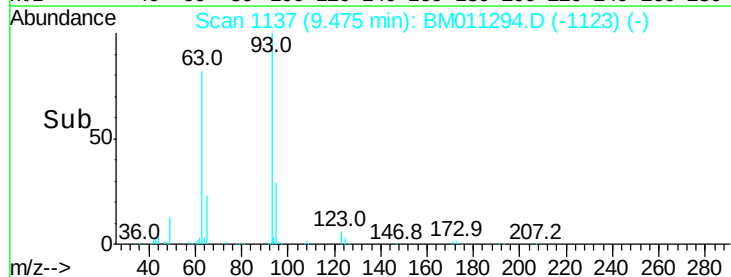
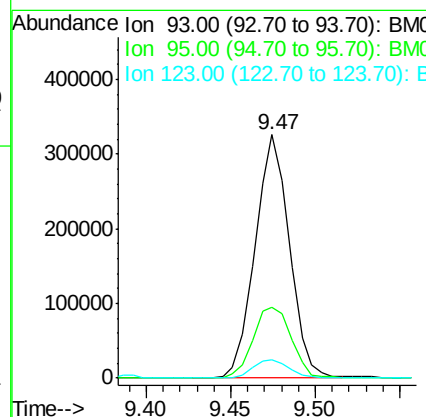
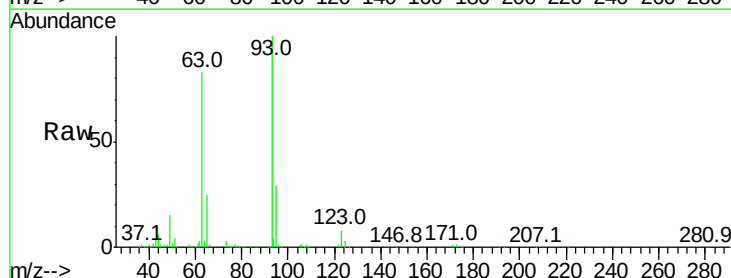
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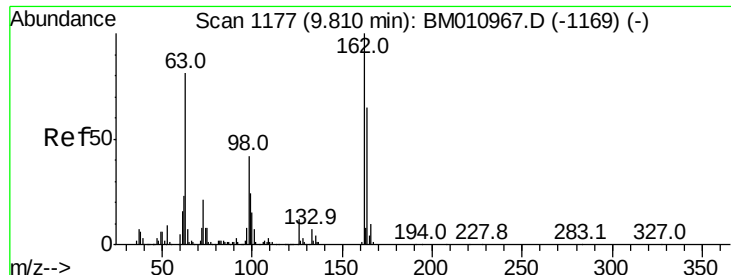
Sohil
 8/21/2017 5:18:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.924 ng
 RT: 9.47 min Scan# 1137
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	461865		
95	29.0	25.5	38.3	
123	7.8	8.6	13.0#	





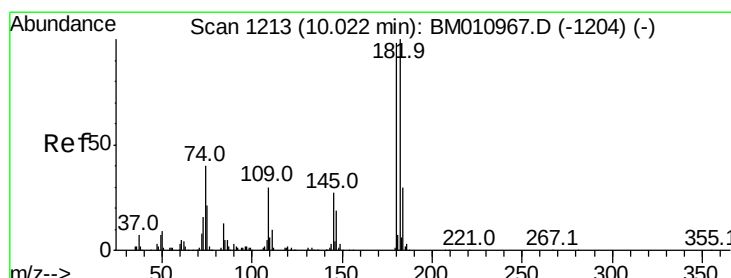
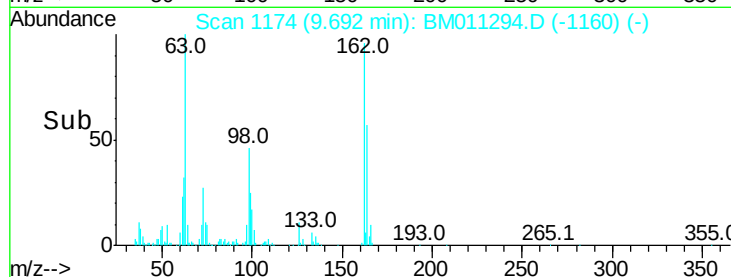
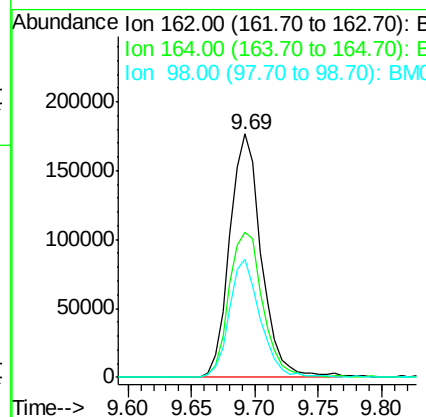
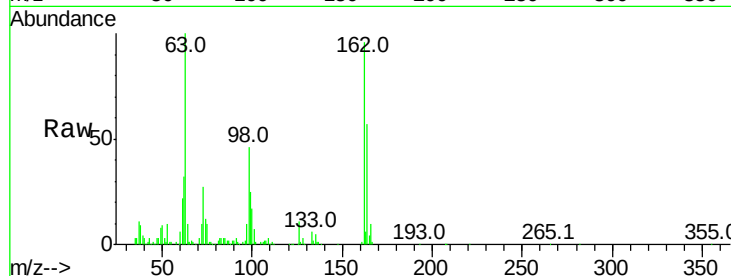
#29
 2,4-Dichlorophenol
 Concen: 39.494 ng
 RT: 9.69 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	305163		
164	59.8	42.8	82.8	
98	48.5	14.5	54.5	

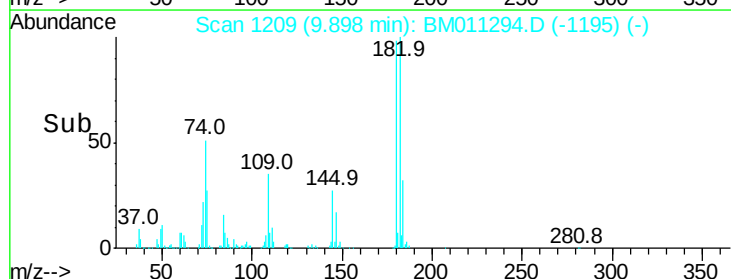
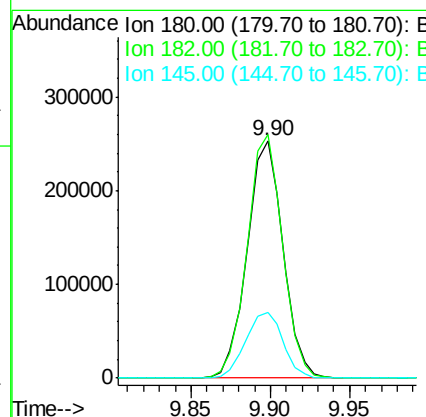
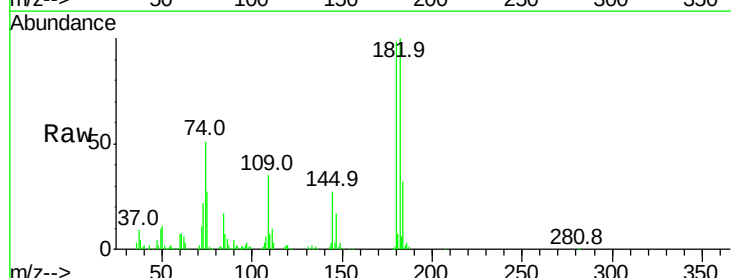
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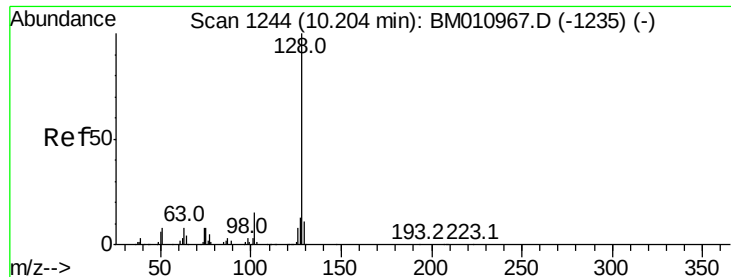
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.535 ng
 RT: 9.90 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	396820		
182	102.6	77.6	116.4	
145	27.5	23.4	35.2	





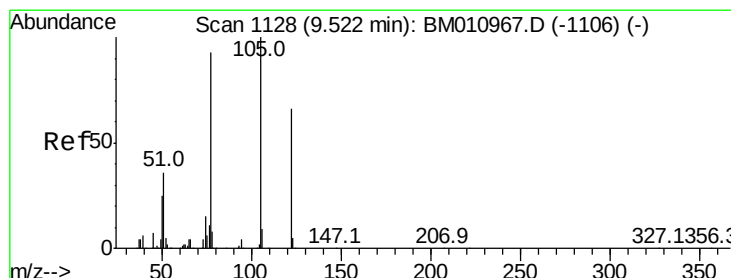
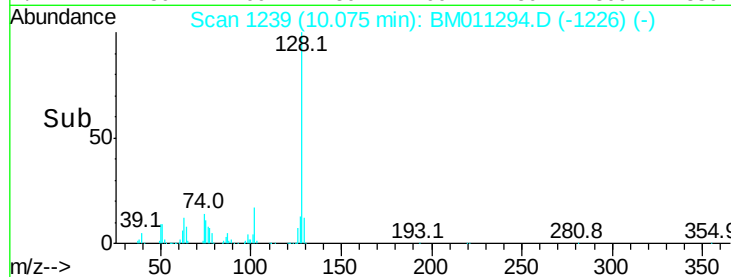
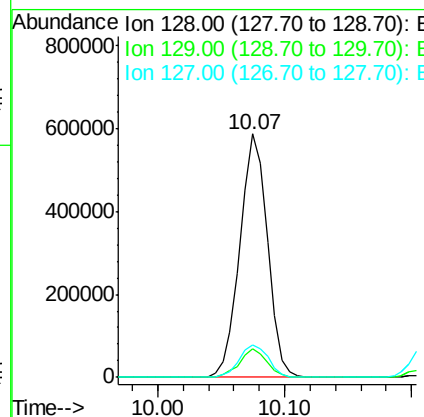
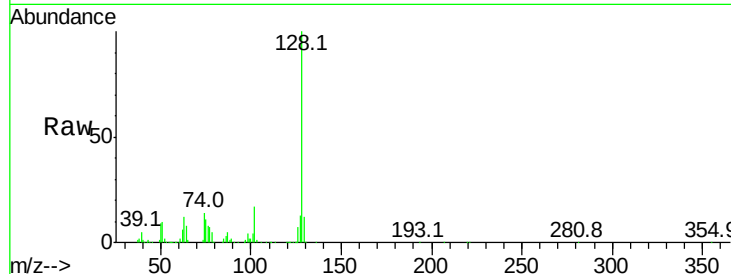
#31
Naphthalene
Concen: 39.437 ng
RT: 10.07 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	882120		
129	11.9	8.9	13.3	
127	13.3	10.4	15.6	

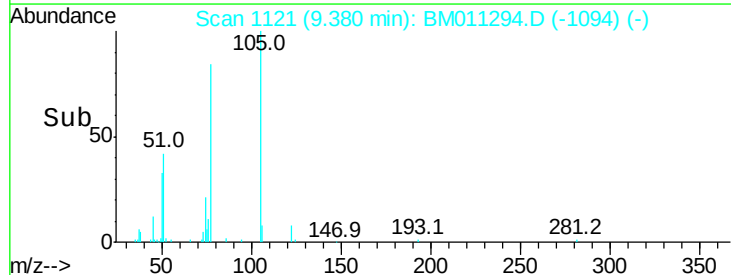
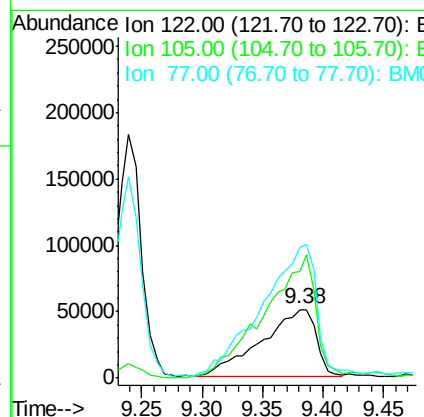
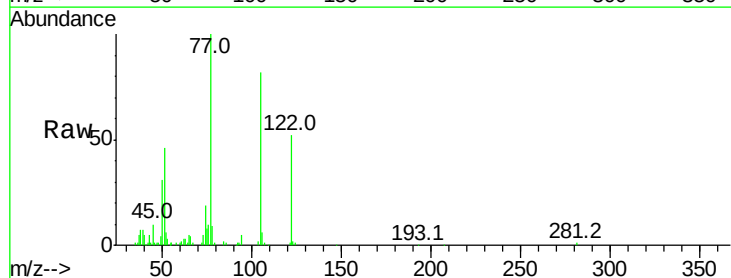
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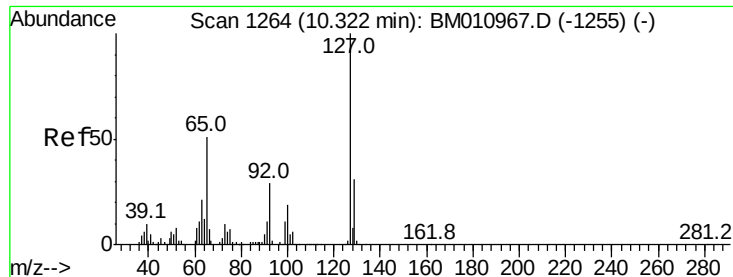
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#32
Benzoic acid
Concen: 28.486 ng
RT: 9.38 min Scan# 1121
Delta R.T. -0.04 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	157443		
105	156.5	99.9	139.9#	
77	191.9	73.7	113.7#	





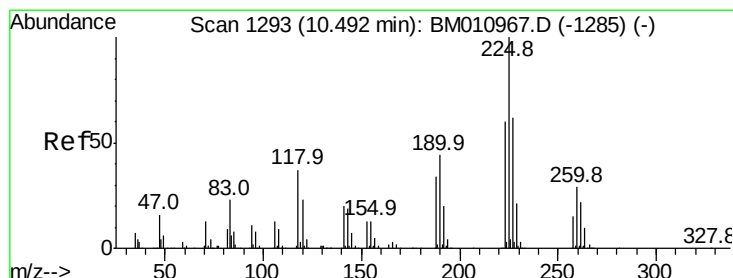
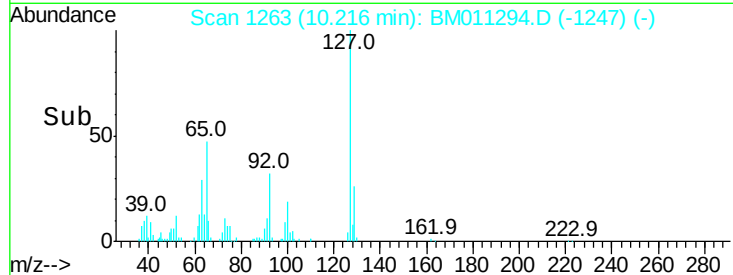
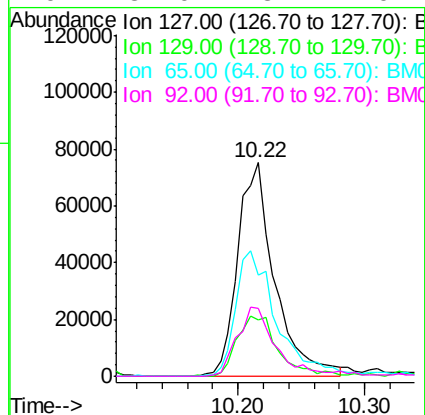
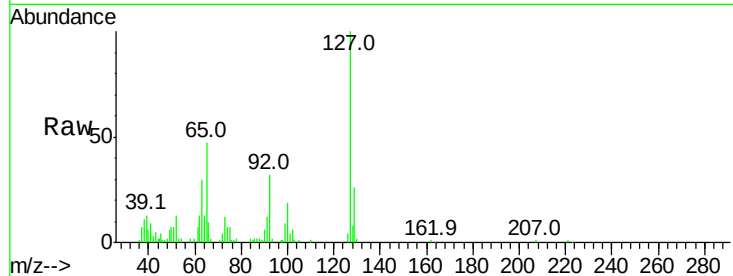
#33
4-Chloroaniline
Concen: 16.994 ng
RT: 10.22 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	26.4	25.3	37.9	
65	47.4	17.6	26.4	
92	32.0	13.1	19.7	

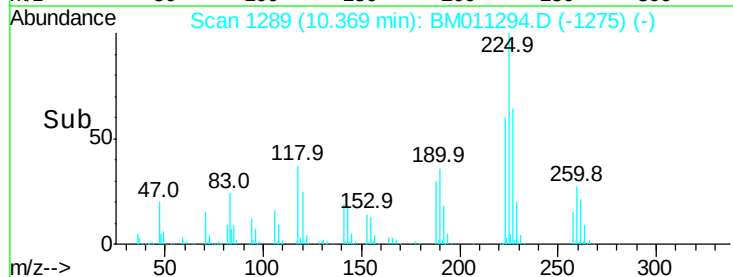
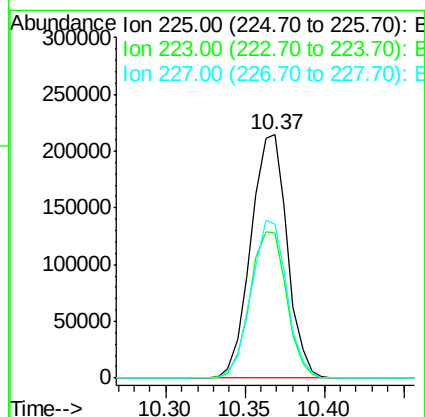
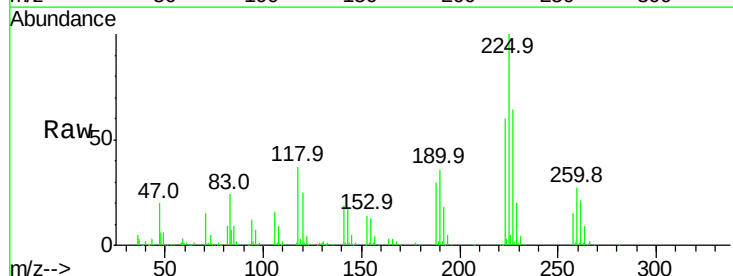
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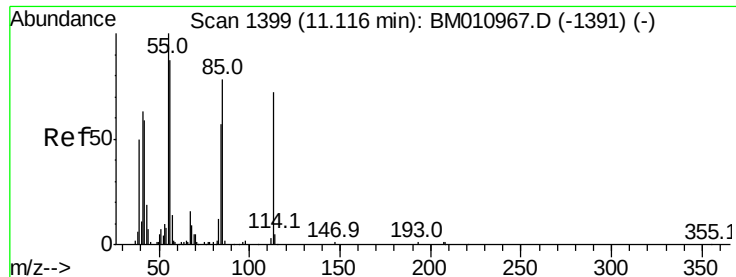
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#34
Hexachlorobutadiene
Concen: 45.462 ng
RT: 10.37 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.6	47.9	71.9	
227	63.5	50.1	75.1	





#35

Caprolactam

Concen: 38.938 ng/ml

RT: 11.00 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

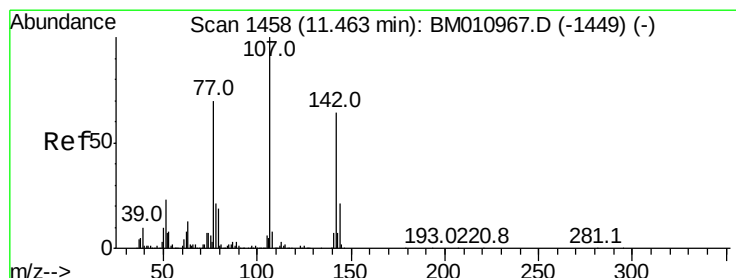
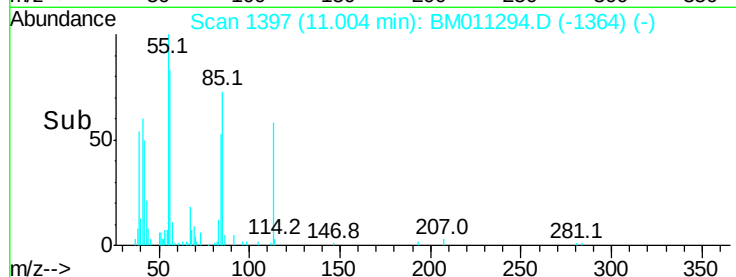
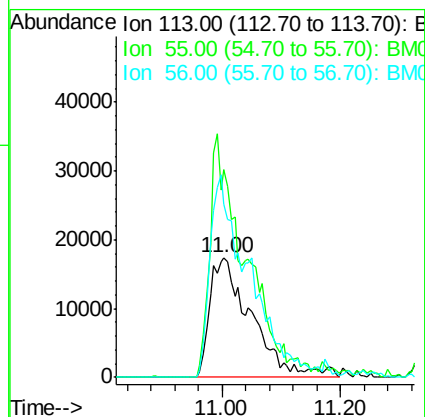
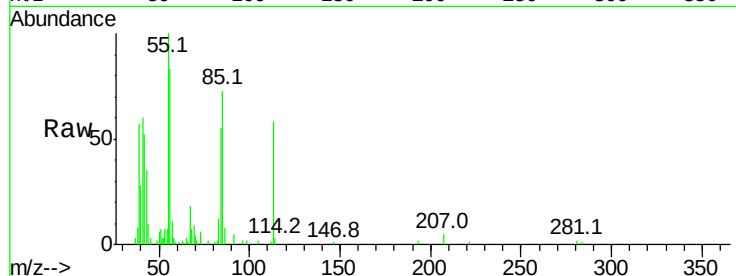
ClientSampled :

PB101645BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.2	145.9	185.9
56	144.0	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 39.871 ng/ml

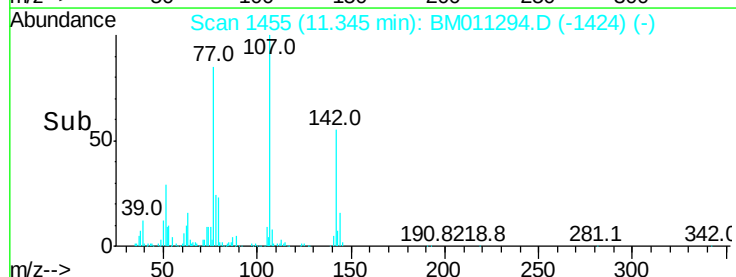
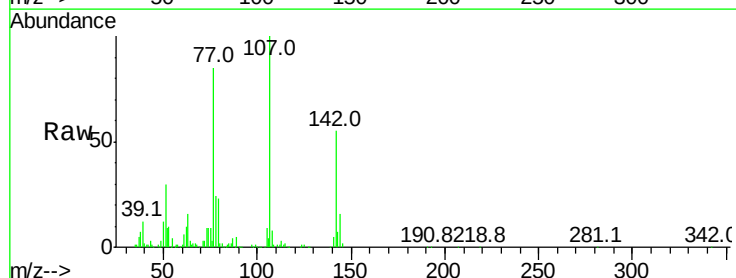
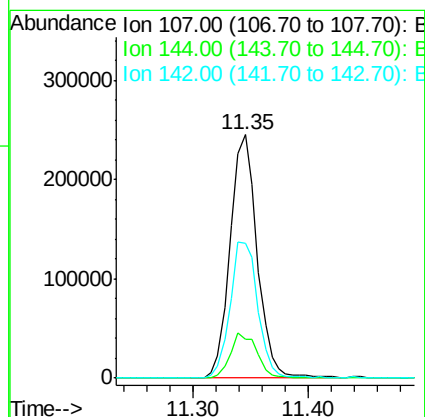
RT: 11.35 min Scan# 1455

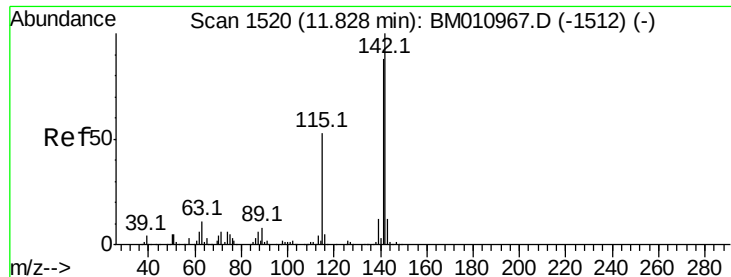
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	16.0	23.3	34.9
142	55.5	72.6	109.0





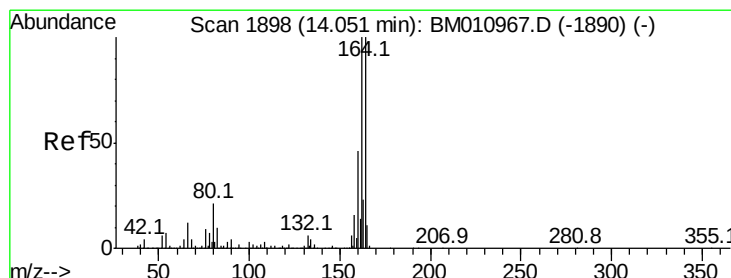
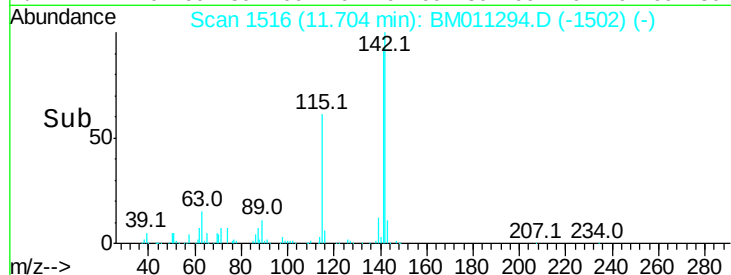
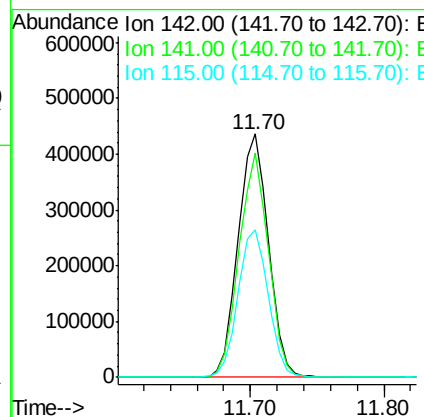
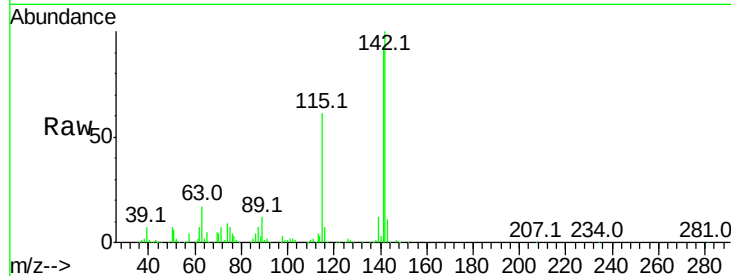
#37
2-Methylnaphthalene
Concen: 42.071 ng
RT: 11.70 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	92.2	71.9	107.9
115	60.6	25.4	38.0

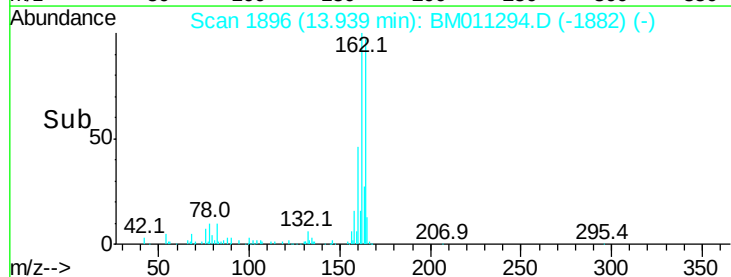
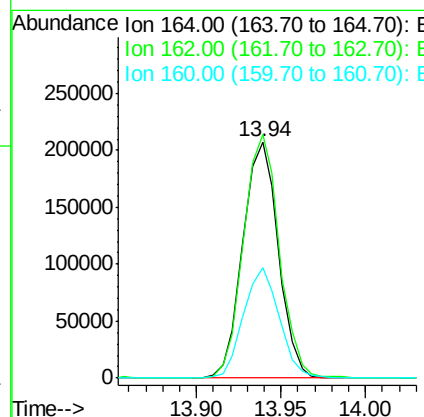
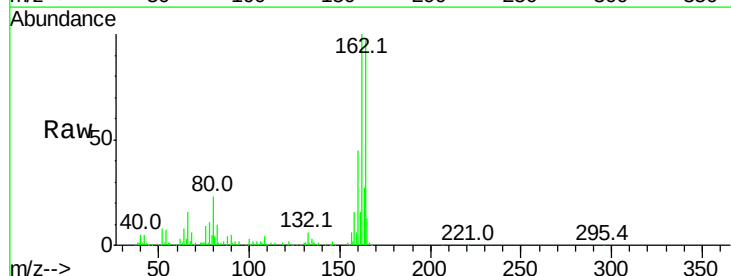
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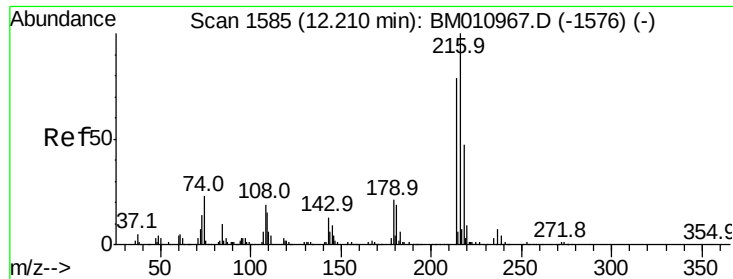
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.2	82.4	123.6
160	46.8	35.8	53.6





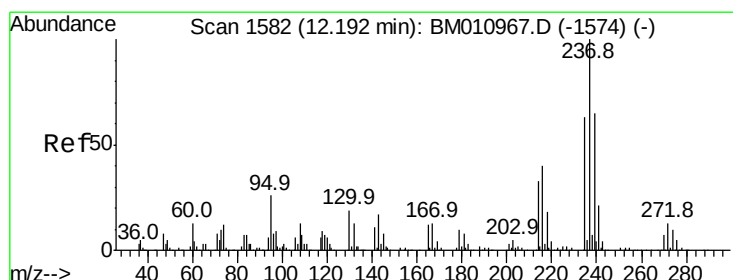
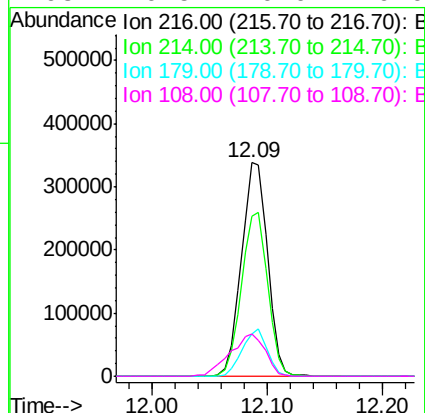
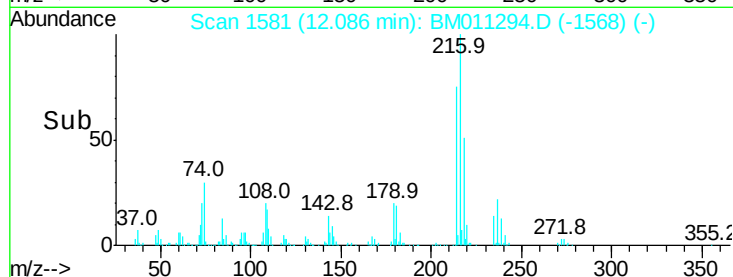
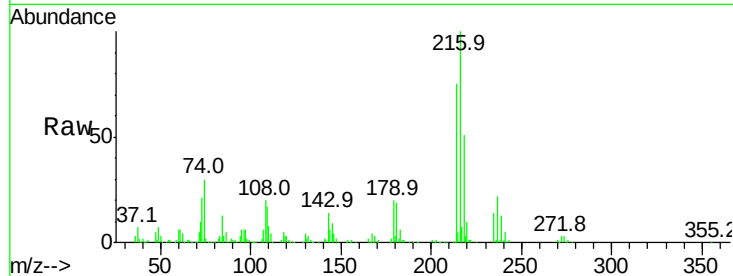
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.742 ng
 RT: 12.09 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampled :
 PB101645BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.8	0.0	0.0#
179	21.0	0.0	0.0#
108	26.5	0.0	0.0#

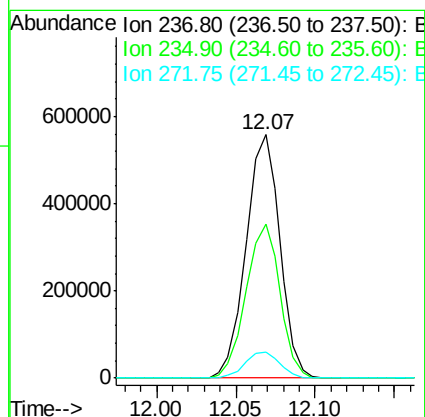
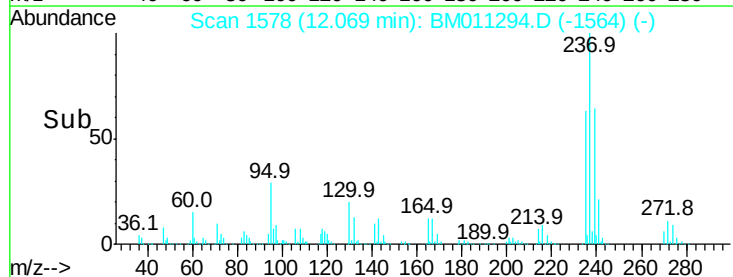
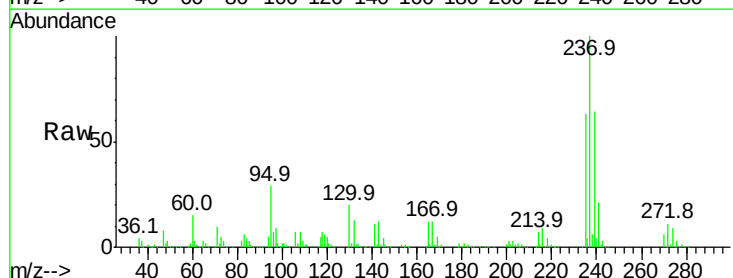
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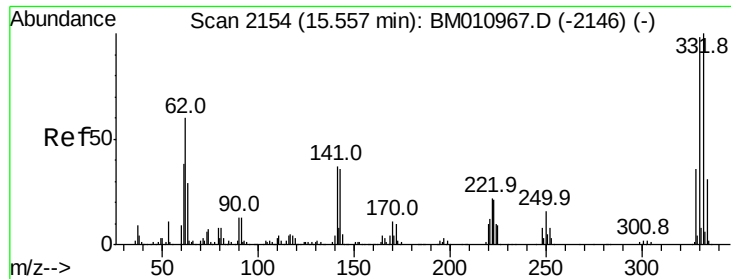
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#40
 Hexachlorocyclopentadiene
 Concen: 108.984 ng
 RT: 12.07 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	42.0	82.0
272	10.7	0.0	33.4





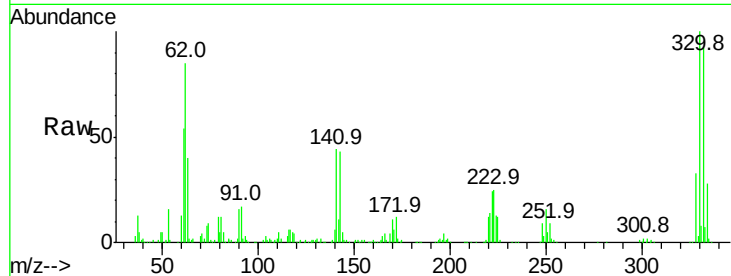
#41
 2,4,6-Tribromophenol
 Concen: 129.348 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

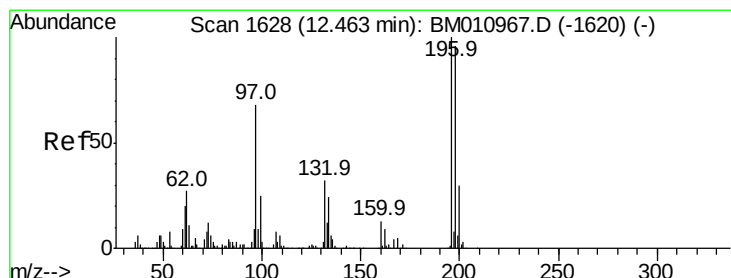
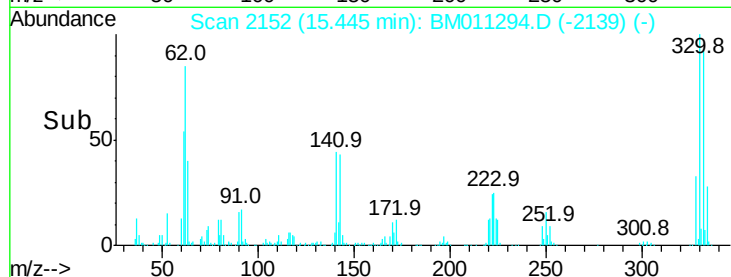
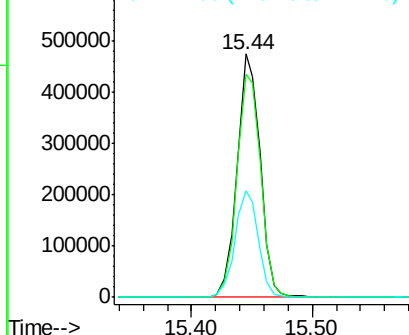
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	44.5	0.0	0.0#

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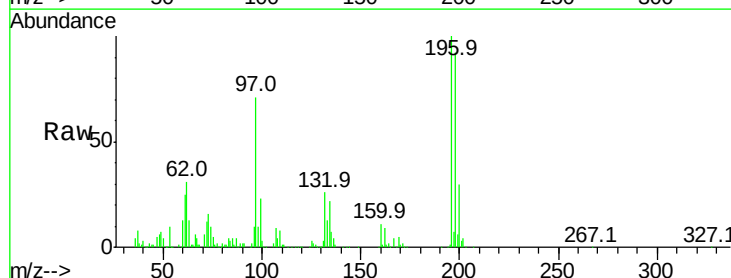


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

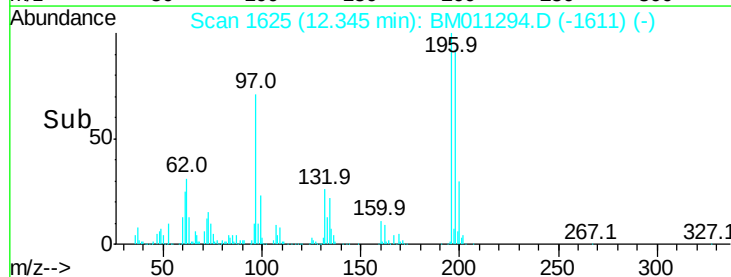
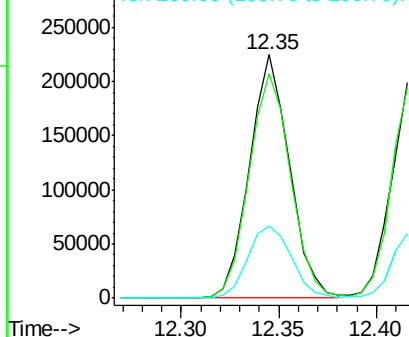


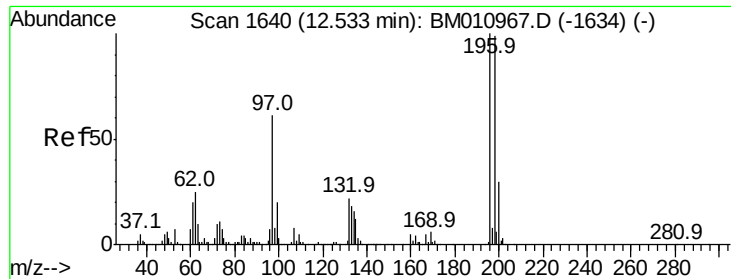
#42
 2,4,6-Trichlorophenol
 Concen: 40.459 ng
 RT: 12.35 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	91.9	76.3	114.5
200	29.7	25.6	38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





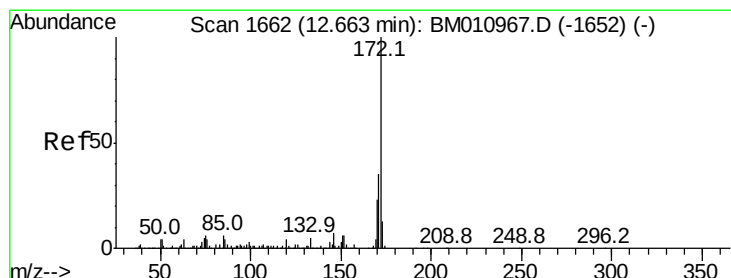
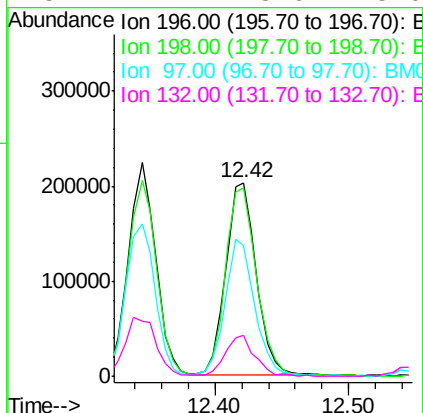
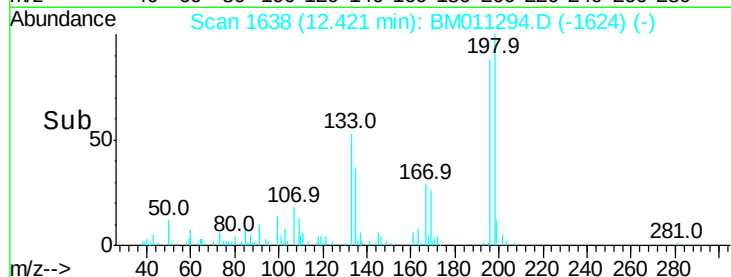
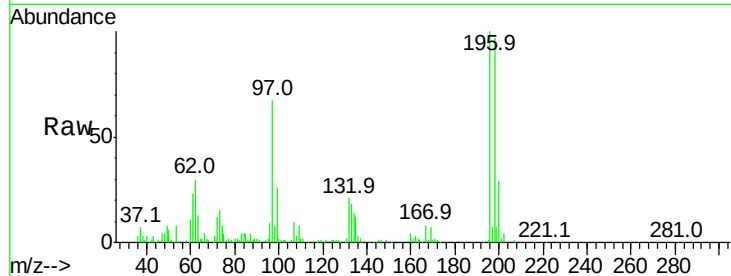
#43
2,4,5-Trichlorophenol
Concen: 40.335 ng
RT: 12.42 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	196	Resp	327879
Ion Ratio	Lower	Upper	
196	100		
198	97.2	79.4	119.0
97	67.5	26.8	40.2#
132	21.1	18.6	28.0

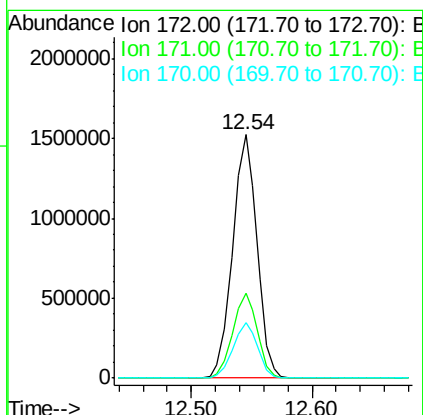
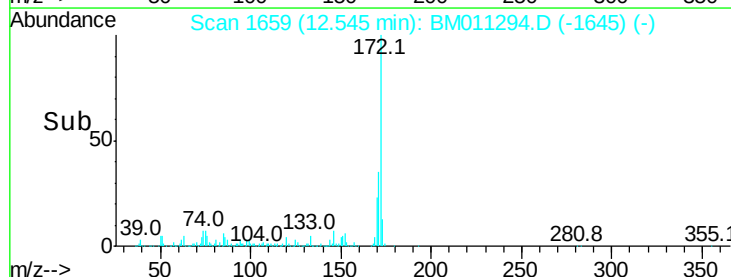
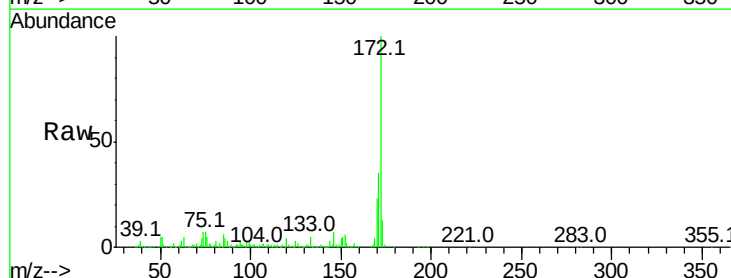
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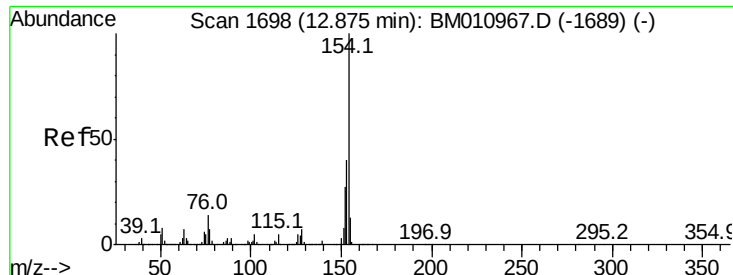
Sohil
8/21/2017 5:18:57 PM



#44
2-Fluorobiphenyl
Concen: 88.551 ng
RT: 12.54 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	172	Resp	2143000
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.5	42.7
170	22.7	18.8	28.2





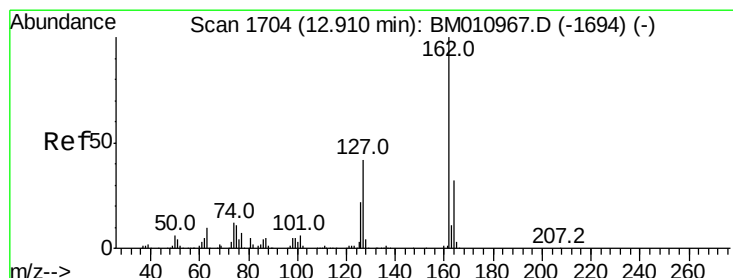
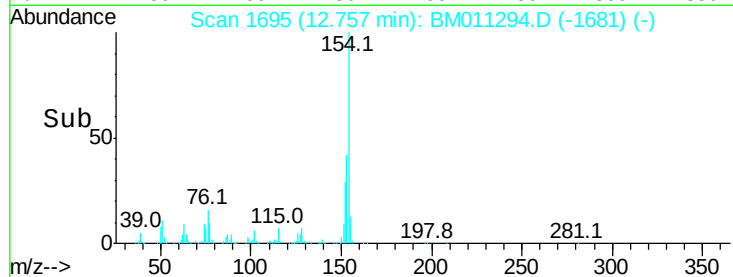
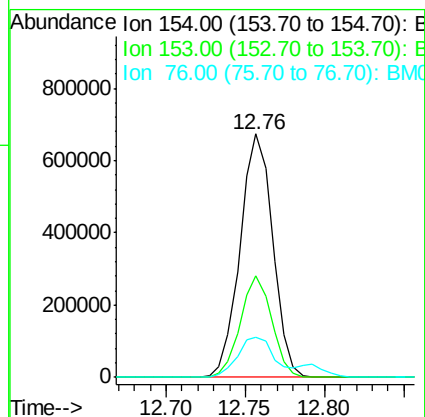
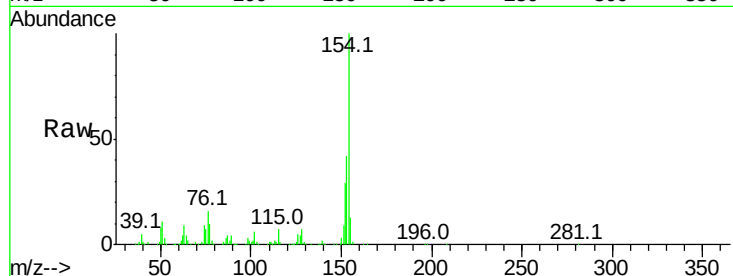
#45
 1,1'-Biphenyl
 Concen: 36.783 ng
 RT: 12.76 min Scan# 1695
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.9	20.7	60.7	
76	16.2	0.0	30.9	

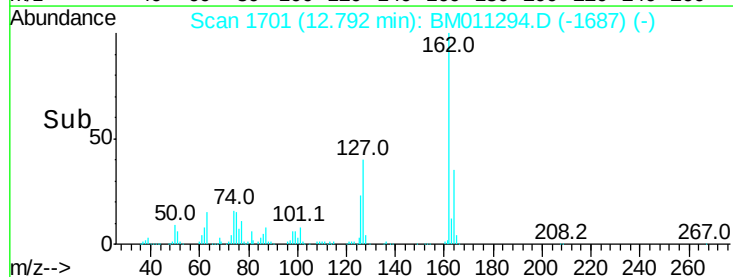
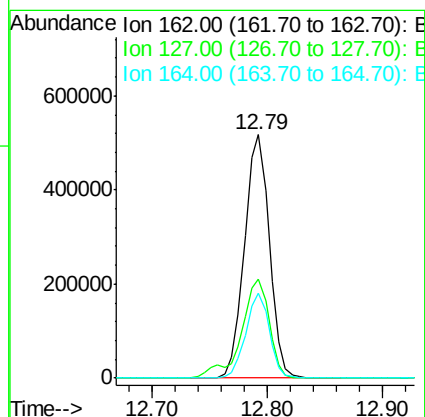
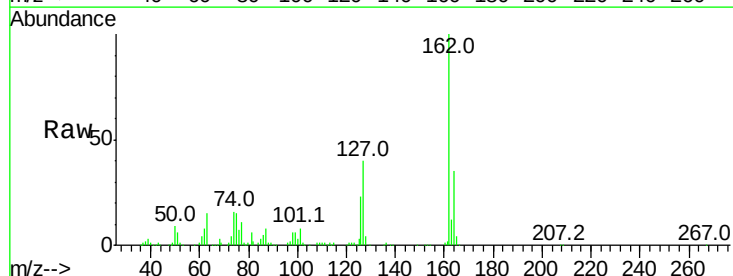
Manual Integrations
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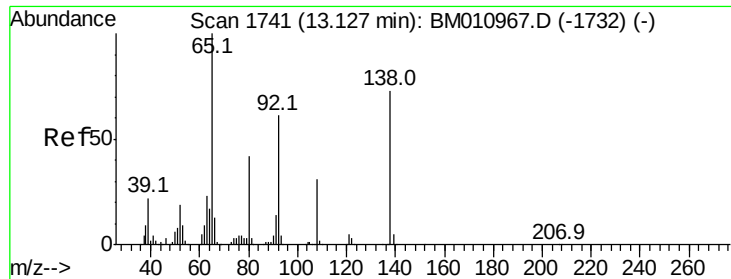
Sohil
 8/21/2017 5:18:57 PM



#46
 2-Chloronaphthalene
 Concen: 39.999 ng
 RT: 12.79 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	26.9	40.3#	
164	34.9	26.8	40.2	





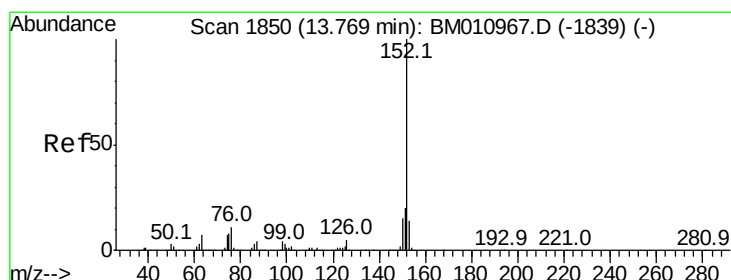
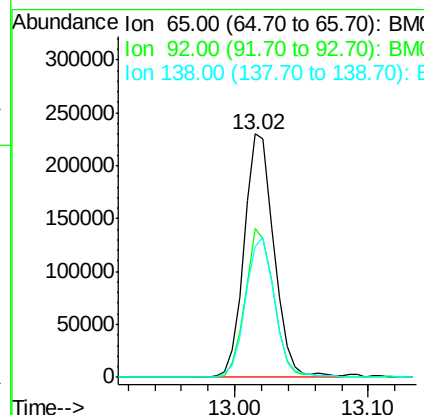
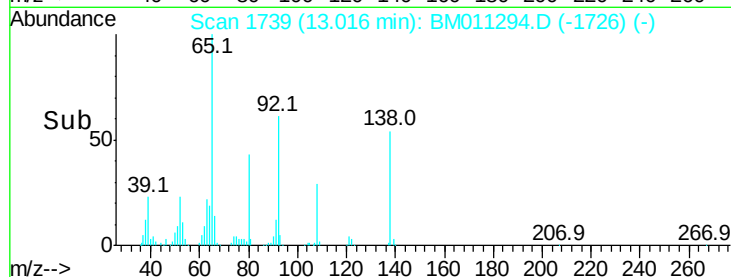
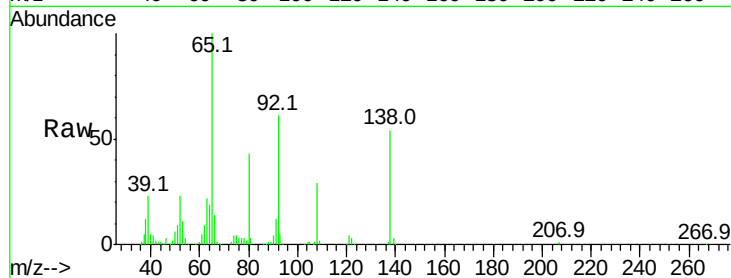
#47
 2-Nitroaniline
 Concen: 51.851 ng
 RT: 13.02 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.1	59.1	88.7
138	53.8	93.9	140.9

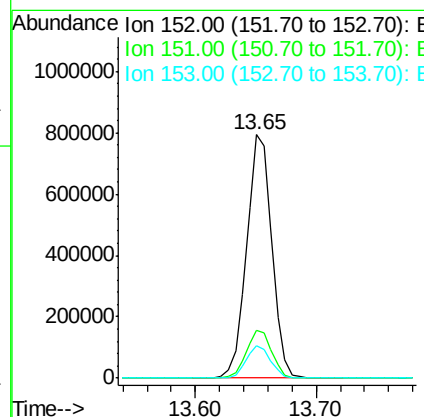
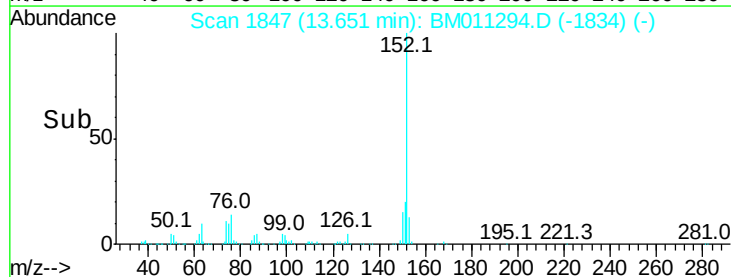
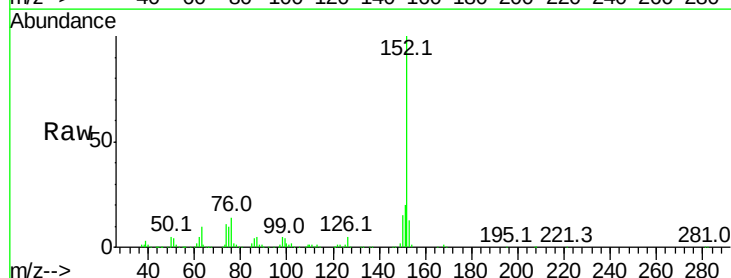
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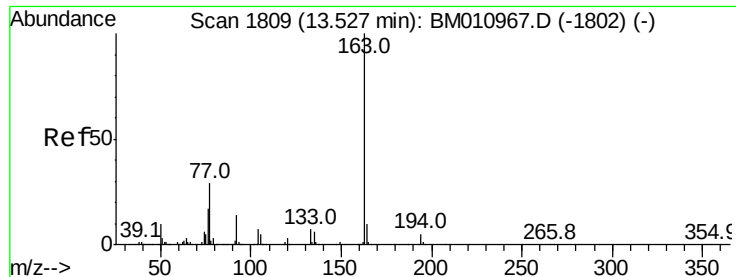
Sohil
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#48
 Acenaphthylene
 Concen: 40.010 ng
 RT: 13.65 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.2	10.6	16.0





#49

Dimethylphthalate

Concen: 37.877 ng

RT: 13.42 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

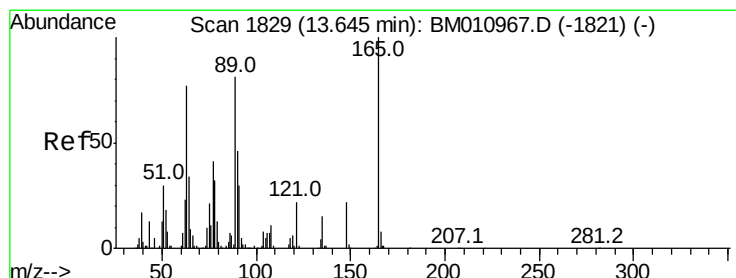
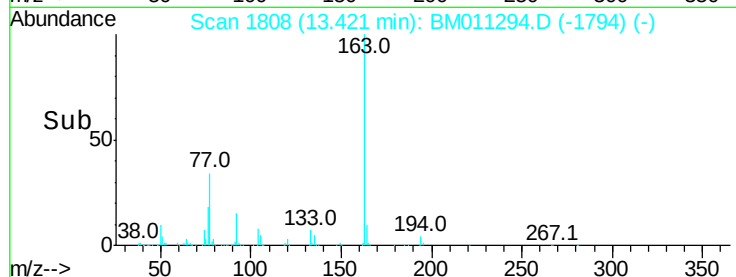
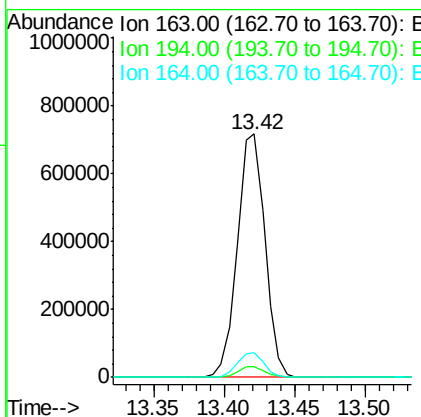
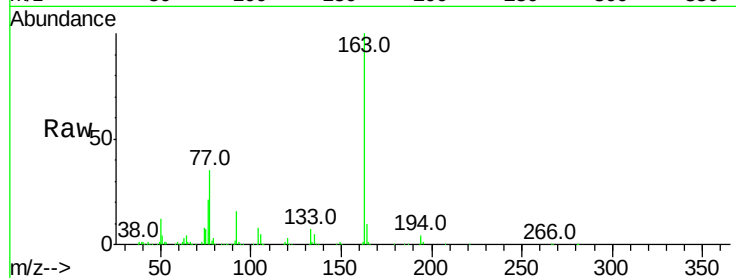
ClientSampleId :

PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.2	8.2	12.2	

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 39.873 ng

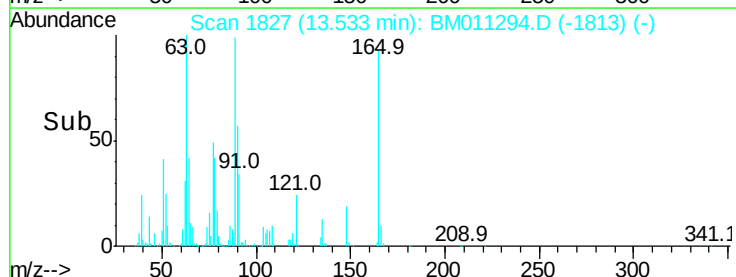
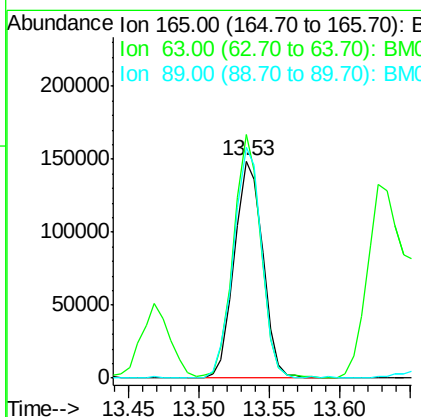
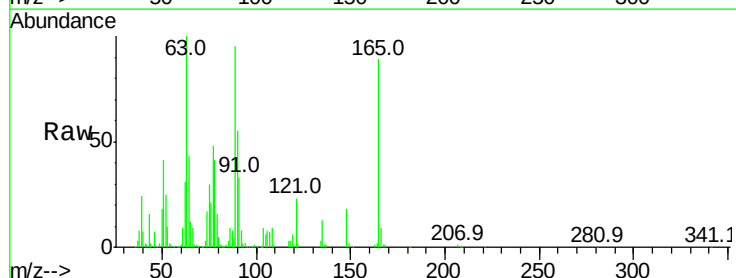
RT: 13.53 min Scan# 1827

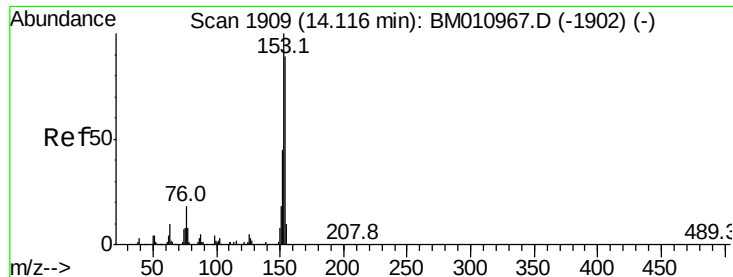
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	112.1	44.1	66.1#	
89	106.3	44.3	66.5#	





#51

Acenaphthene

Concen: 40.364 ng

RT: 14.00 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

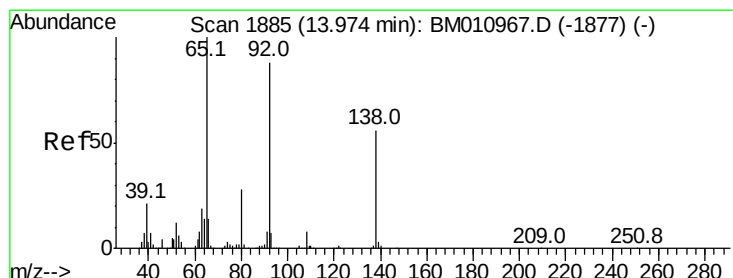
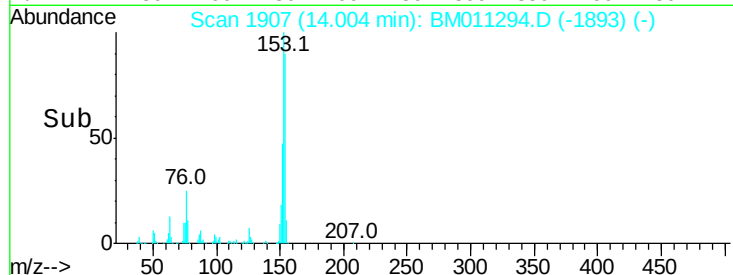
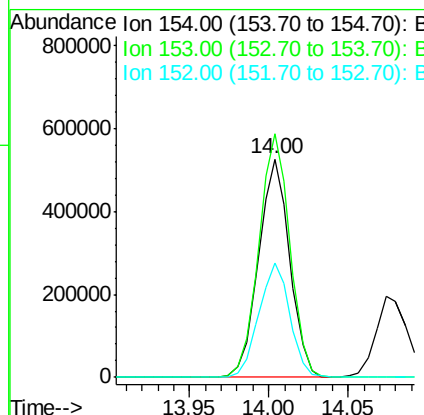
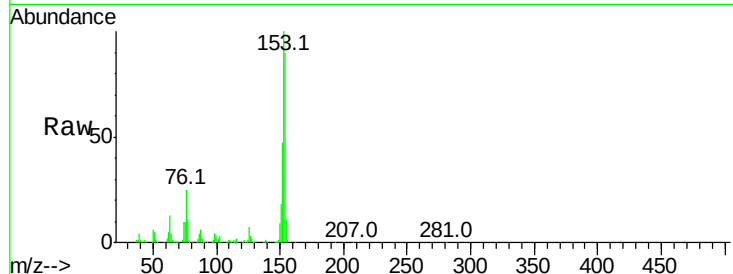
ClientSampleId :

PB101645BS

Tot Ion:	154	Resp:	721209
Ion Ratio	Lower	Upper	
154	100		
153	111.7	90.0	135.0
152	52.7	42.6	63.8

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#52

3-Nitroaniline

Concen: 36.201 ng

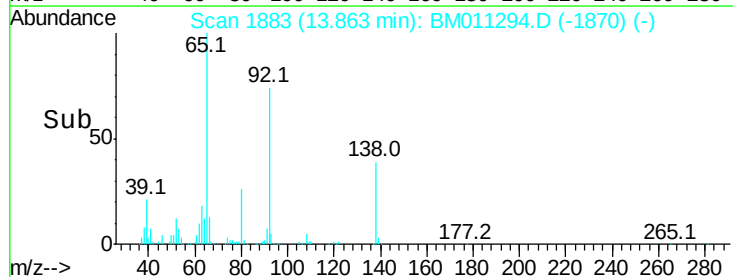
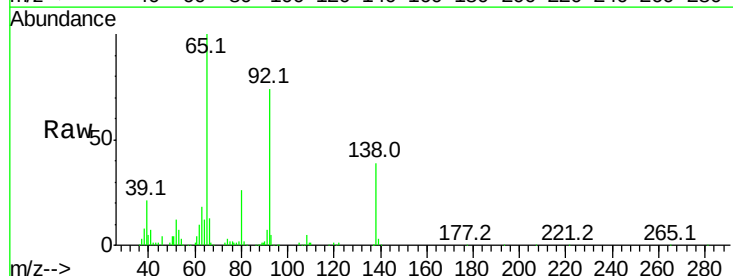
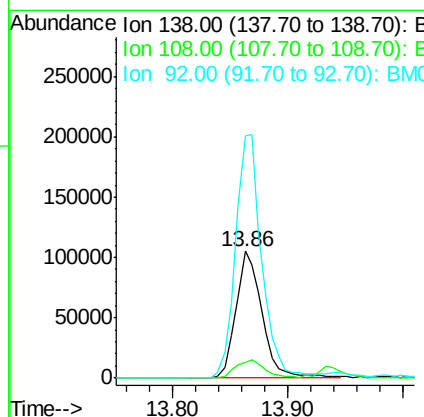
RT: 13.86 min Scan# 1883

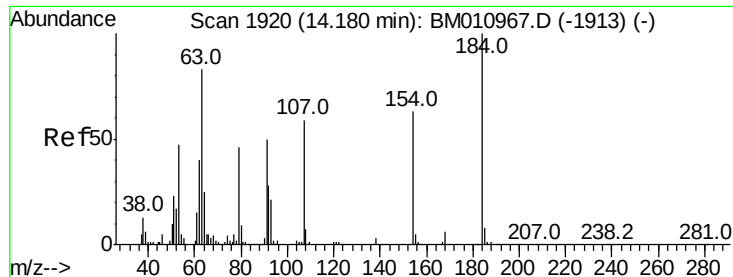
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion:	138	Resp:	164938
Ion Ratio	Lower	Upper	
138	100		
108	12.4	7.3	10.9#
92	191.3	76.6	114.8#





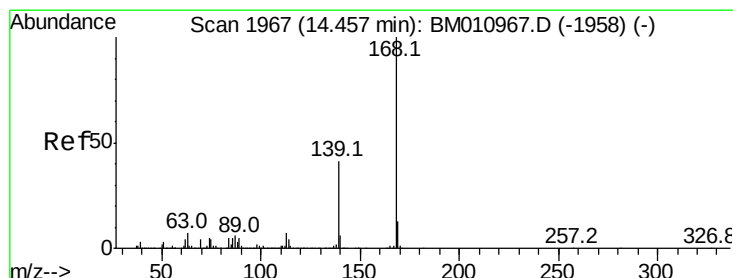
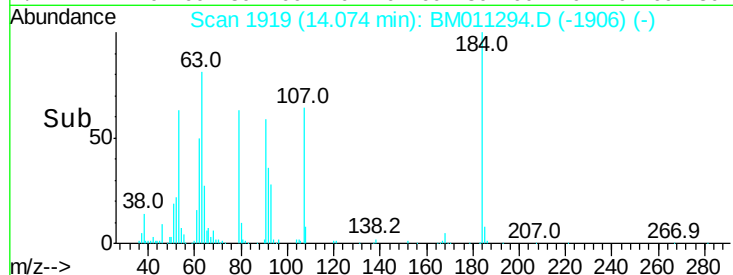
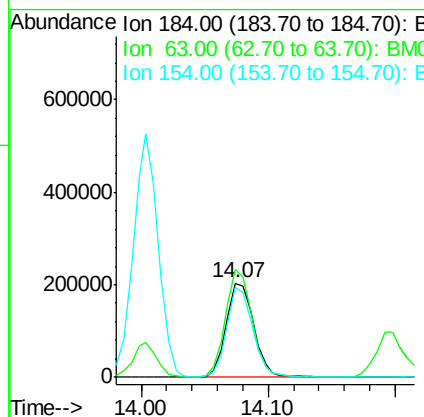
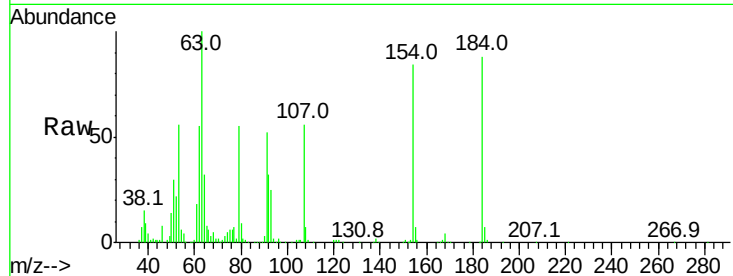
#53
2,4-Dinitrophenol
Concen: 82.865 ng
RT: 14.07 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	309206		
63	114.0	69.2	103.8#	
154	95.7	53.3	79.9#	

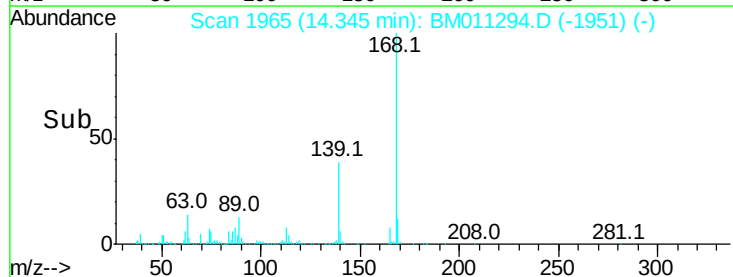
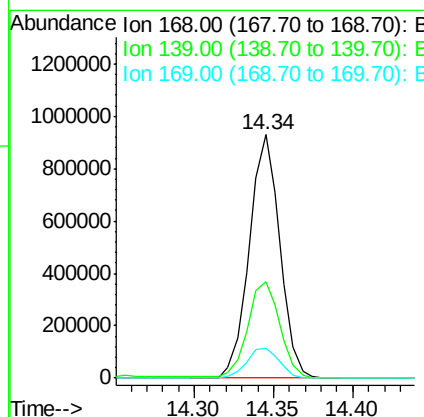
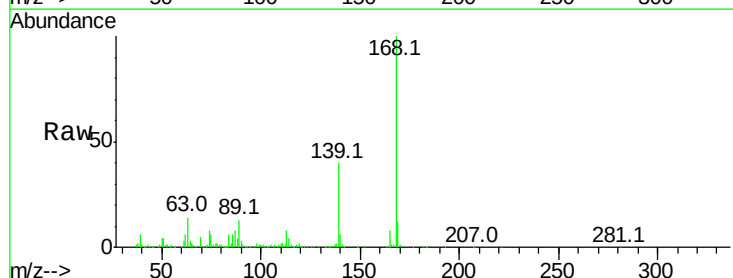
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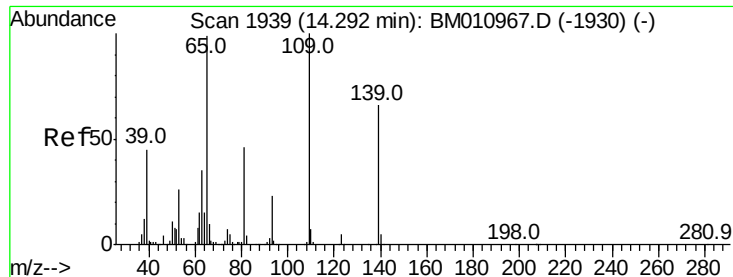
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#54
Dibenzofuran
Concen: 42.902 ng
RT: 14.34 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1242066		
139	39.6	27.3	40.9	
169	12.4	10.6	16.0	





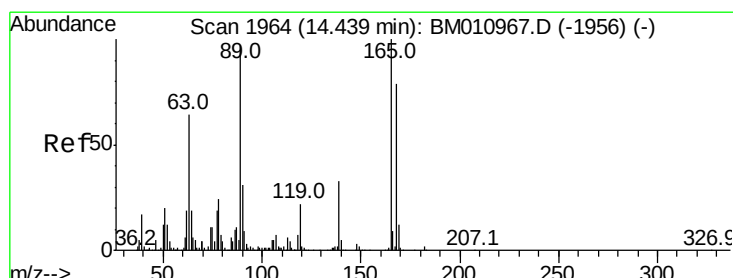
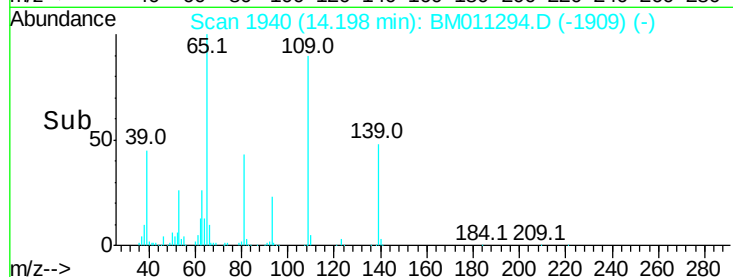
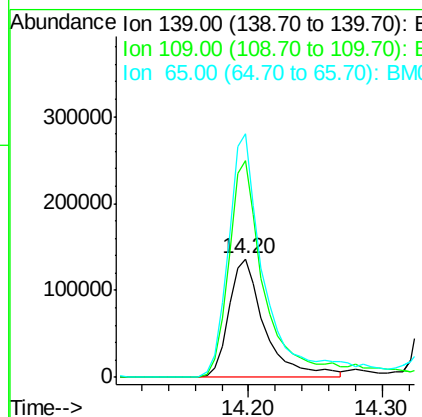
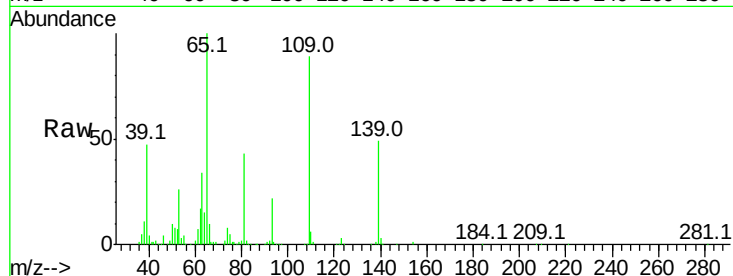
#55
4-Nitrophenol
Concen: 64.041 ng
RT: 14.20 min Scan# 1940
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	182.6	130.0	170.0#	
65	205.1	130.0	170.0#	

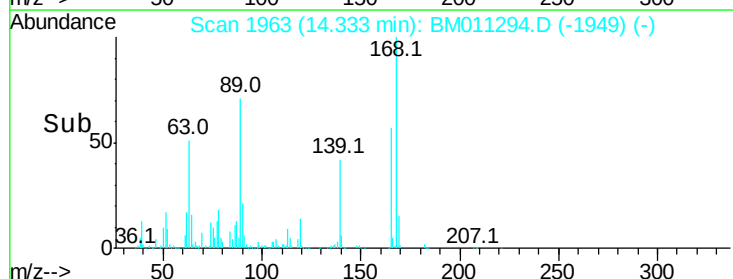
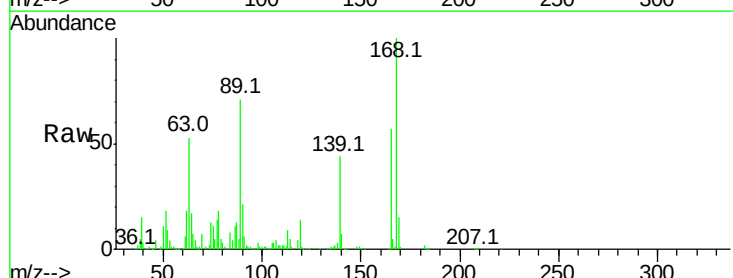
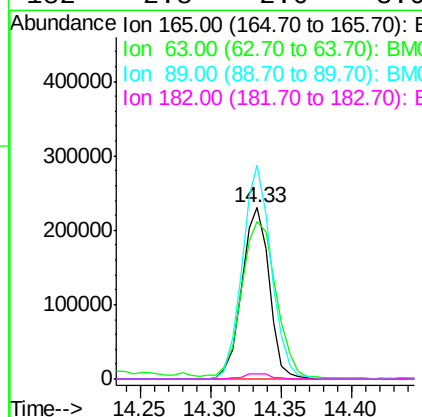
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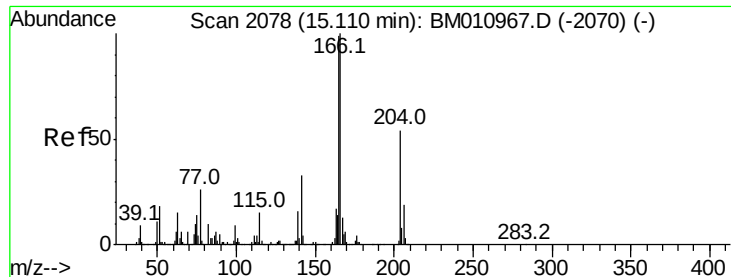
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#56
2,4-Dinitrotoluene
Concen: 42.115 ng
RT: 14.33 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	92.3	52.4	78.6#	
89	124.8	72.4	108.6#	
182	2.8	2.0	3.0	





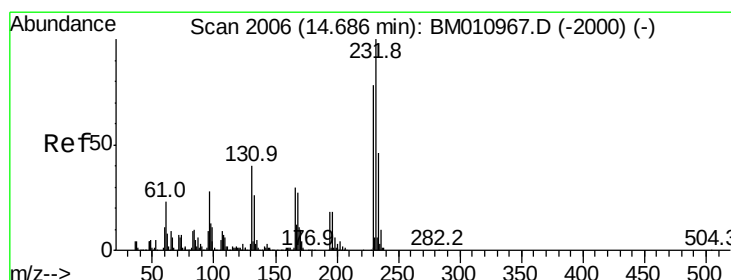
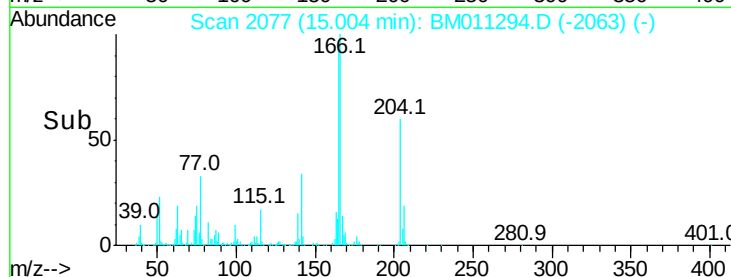
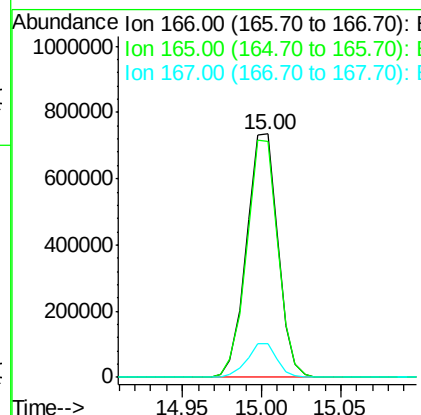
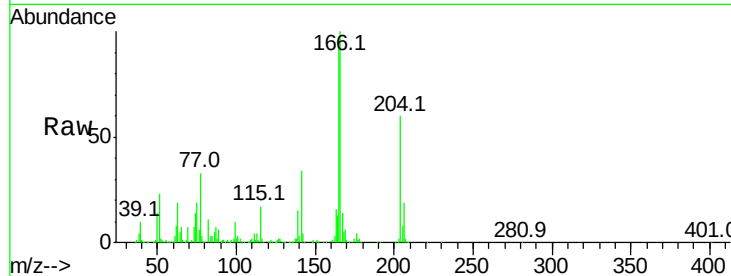
#57
 Fluorene
 Concen: 40.041 ng
 RT: 15.00 min Scan# 2077
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.0	118.4
167	14.1	10.3	15.5

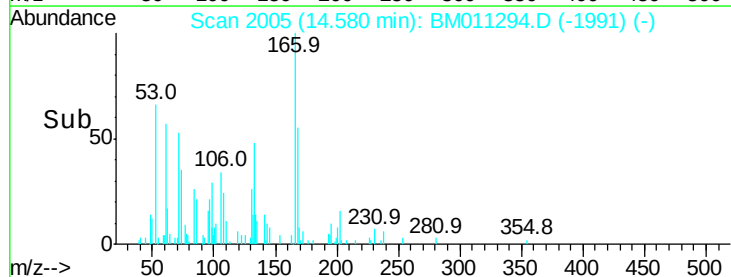
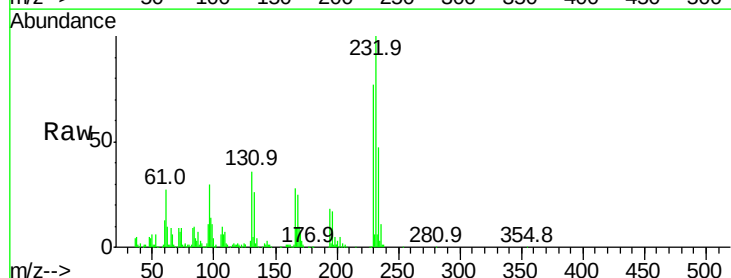
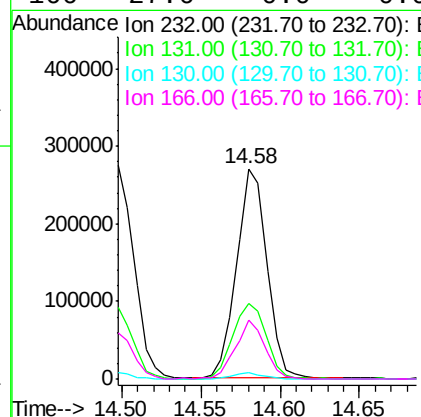
Manual Integrations
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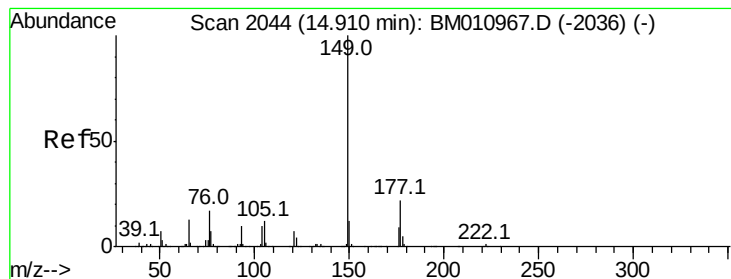
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.958 ng
 RT: 14.58 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.3	0.0	0.0#
130	3.0	0.0	0.0#
166	27.6	0.0	0.0#





#59

Diethylphthalate

Concen: 38.108 ng

RT: 14.80 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

ClientSampled :

PB101645BS

Tot Ion:149 Resp: 1010489

Ion Ratio Lower Upper

149 100

177 23.3 18.3 27.5

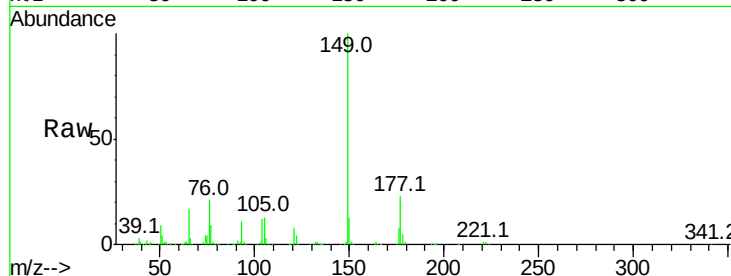
150 12.8 9.8 14.8

Manual Integrations

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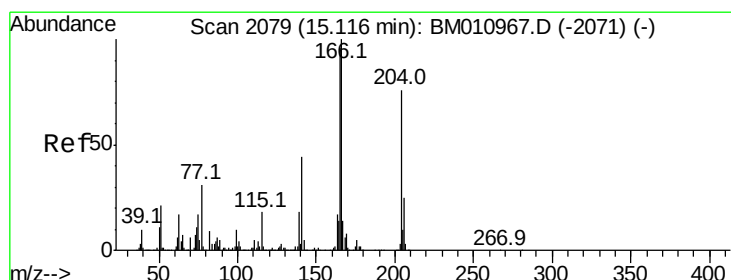
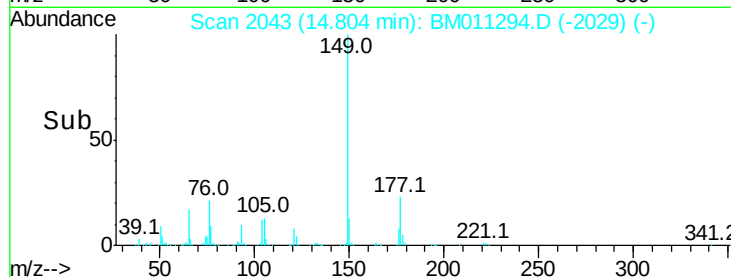
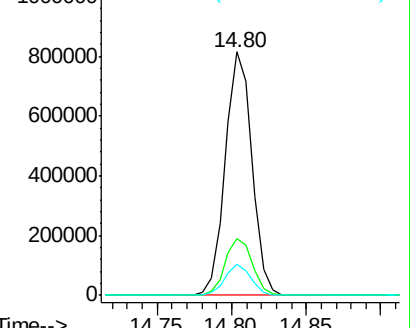
8/21/2017 5:18:57 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.147 ng

RT: 15.01 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

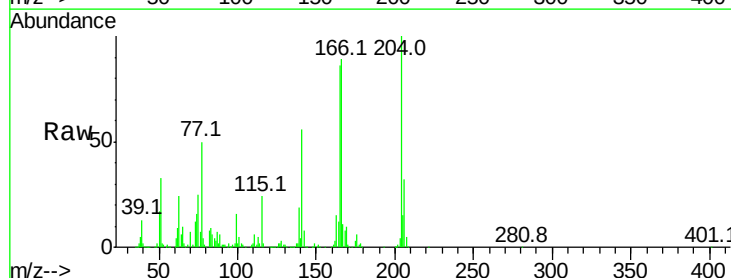
Tgt Ion:204 Resp: 626220

Ion Ratio Lower Upper

204 100

206 31.6 26.6 39.8

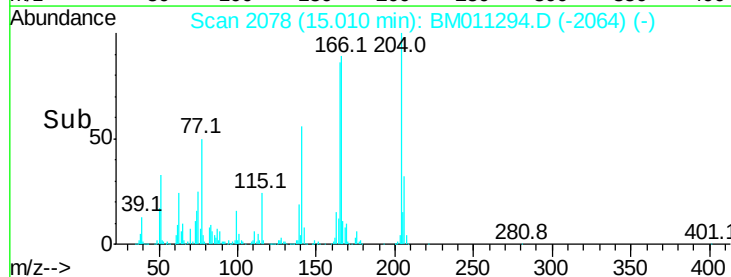
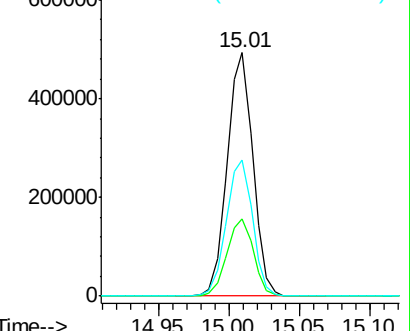
141 56.2 45.2 67.8

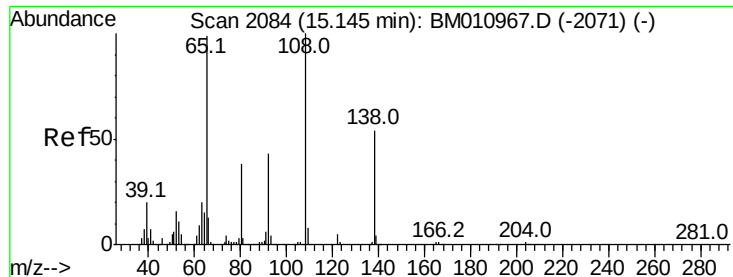


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





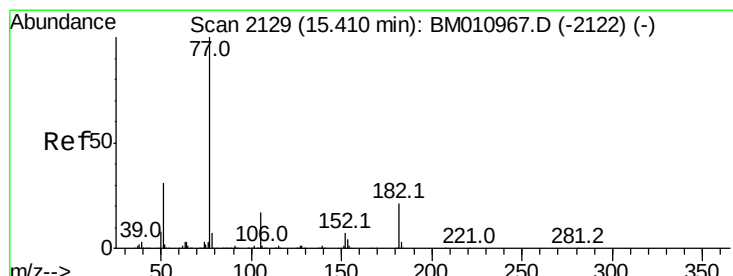
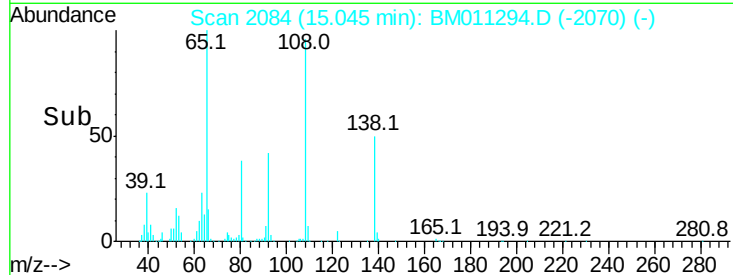
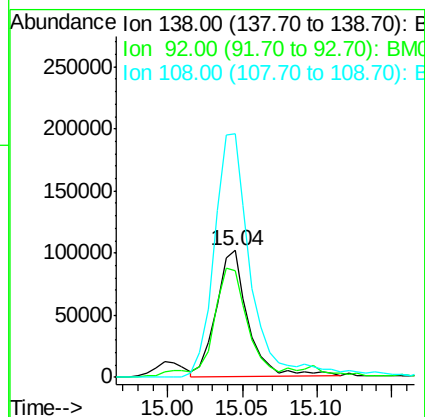
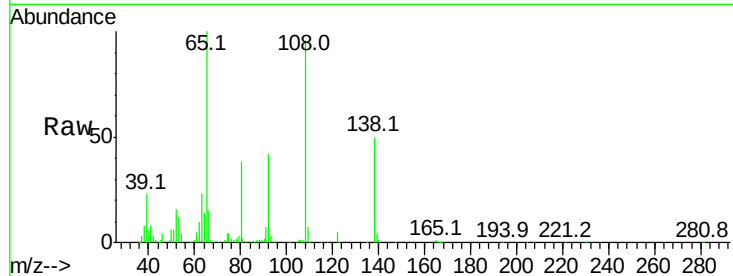
#61
4-Nitroaniline
Concen: 31.034 ng
RT: 15.04 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	83.5	16.7	56.7#
108	191.7	37.6	77.6#

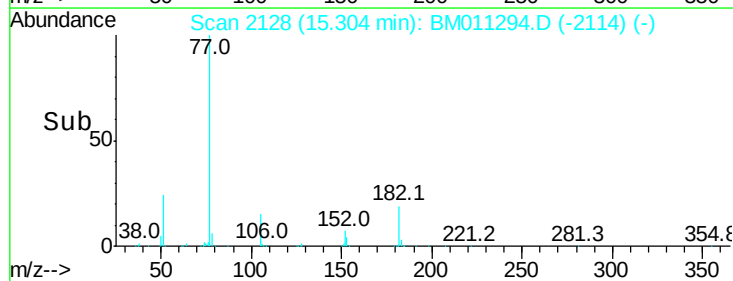
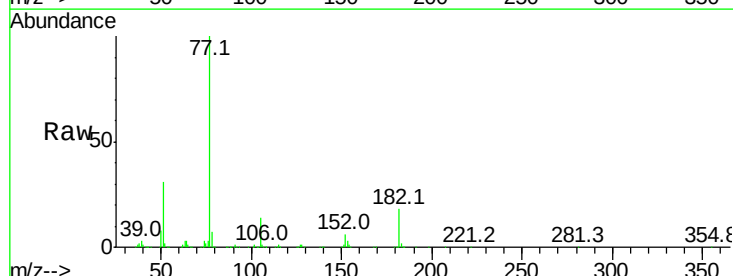
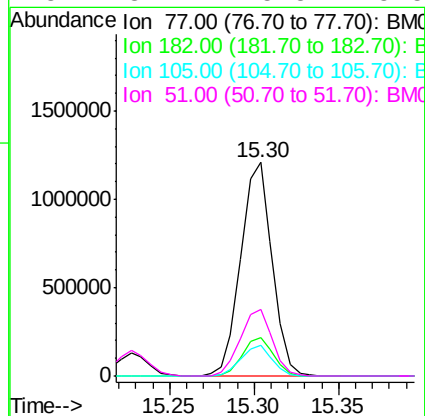
Manual Integrations
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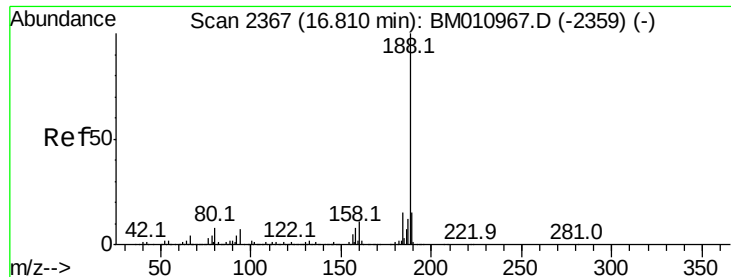
Sohil
8/21/2017 5:18:57 PM



#62
Azobenzene
Concen: 54.968 ng
RT: 15.30 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.9	6.5	46.5
105	14.4	3.8	43.8
51	31.2	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.70 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

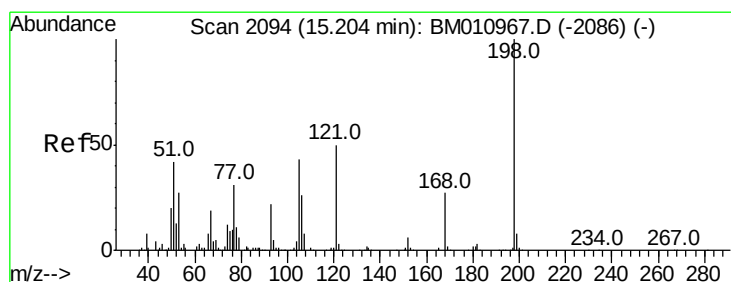
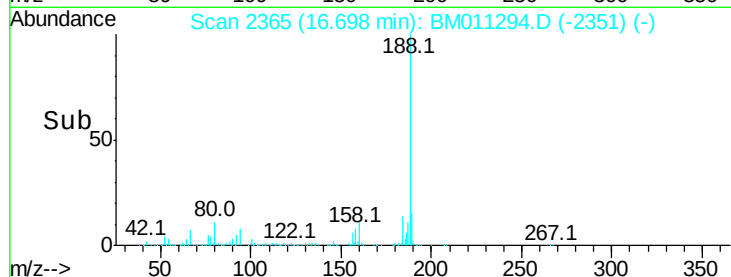
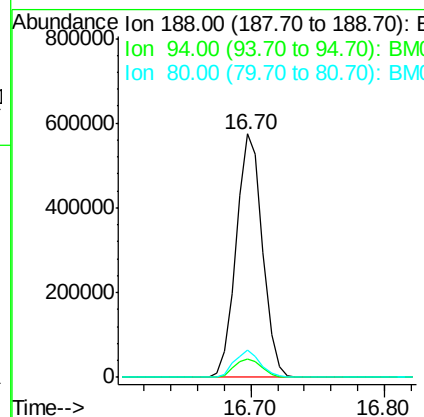
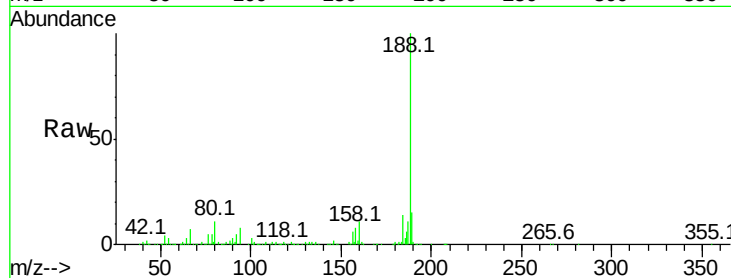
ClientSampleId :

PB101645BS

Tot Ion	188	Resp	788826
Ion Ratio	Lower	Upper	
188	100		
94	7.7	8.7	13.1#
80	11.4	9.3	13.9

Manual Integrations
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Sohil
8/21/2017 5:18:57 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 39.456 ng

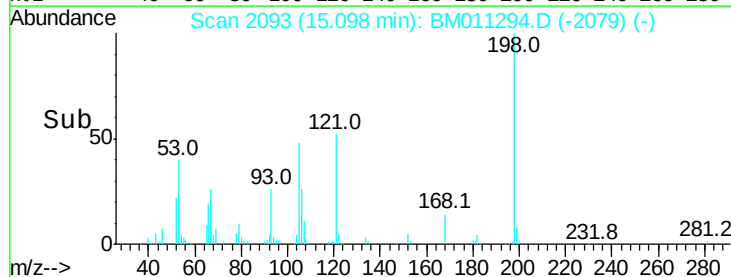
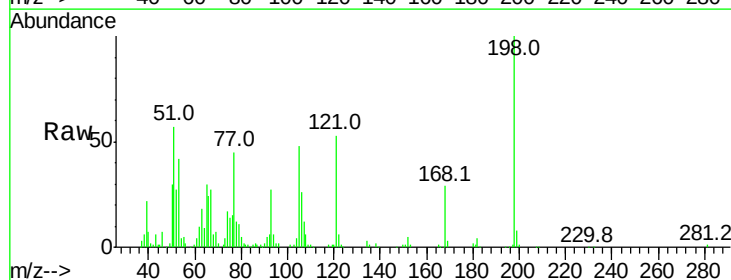
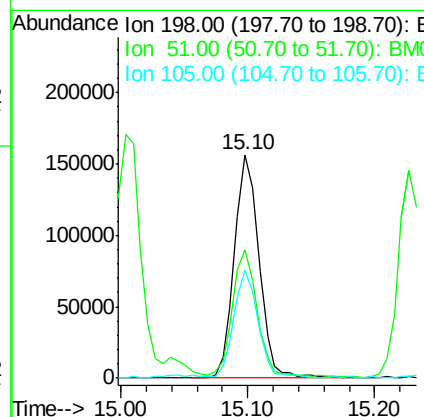
RT: 15.10 min Scan# 2093

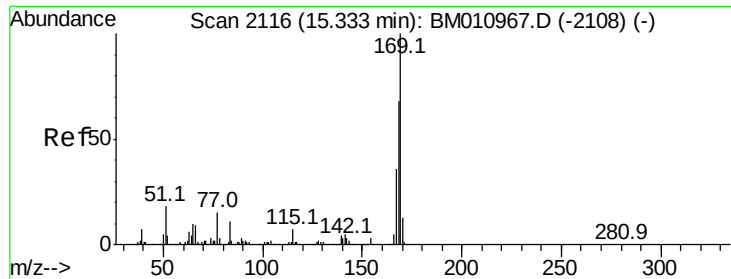
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion	198	Resp	210706
Ion Ratio	Lower	Upper	
198	100		
51	57.5	28.8	68.8
105	48.0	30.5	70.5





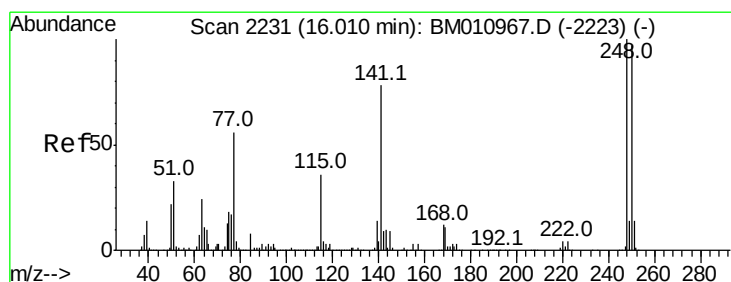
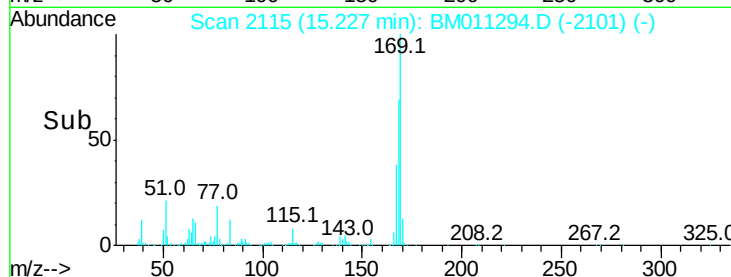
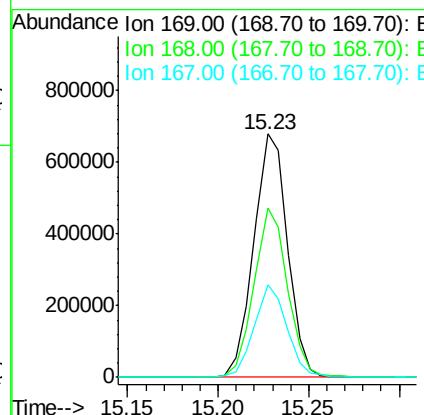
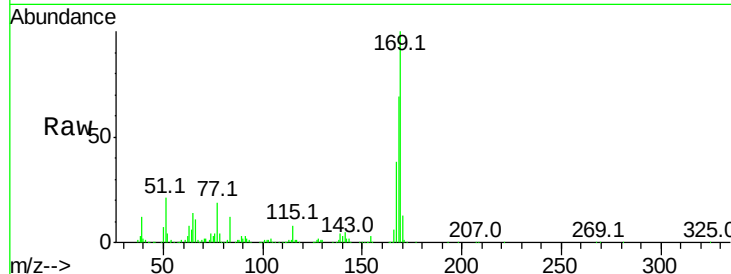
#65
n-Nitrosodiphenylamine
Concen: 38.995 ng
RT: 15.23 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.4	53.9	80.9	
167	38.1	28.9	43.3	

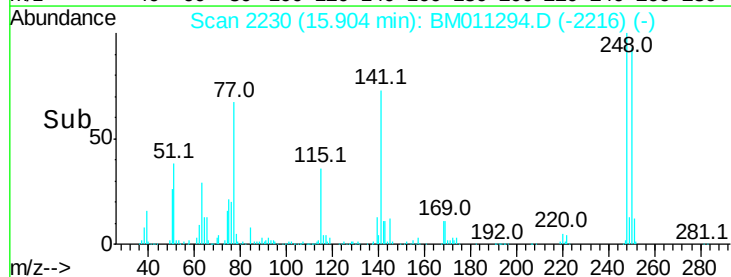
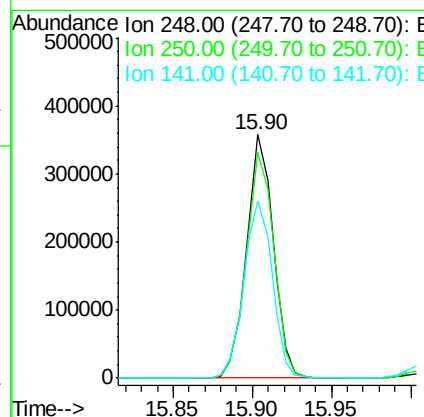
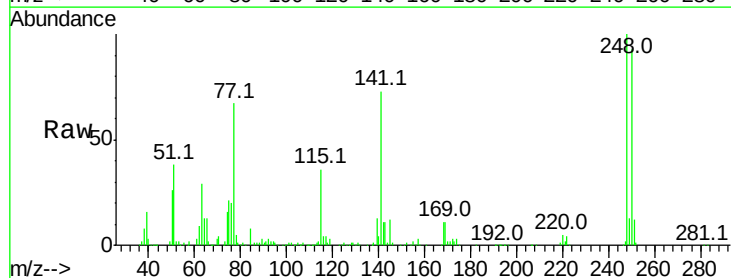
Manual Integrations
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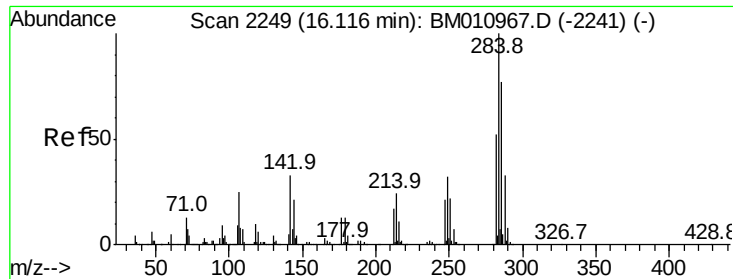
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.461 ng
RT: 15.90 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	92.8	77.4	116.0	
141	72.7	45.2	67.8	





#67

Hexachlorobenzene

Concen: 37.013 ng

RT: 16.01 min Scan# 2248

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

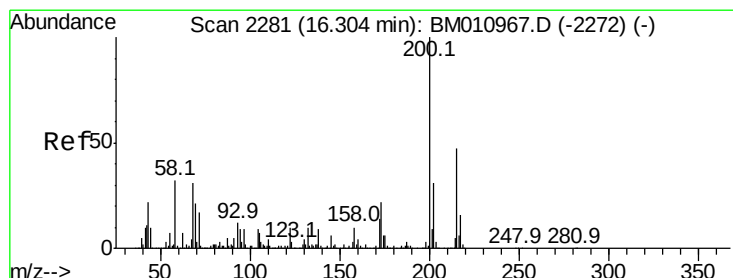
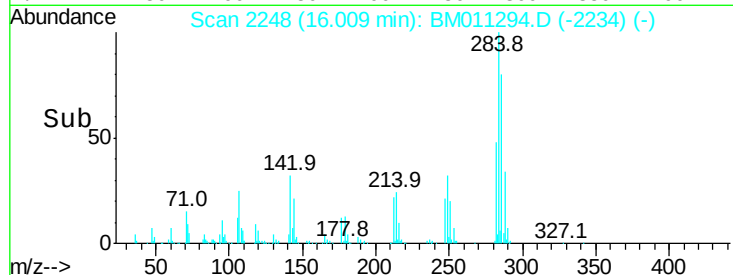
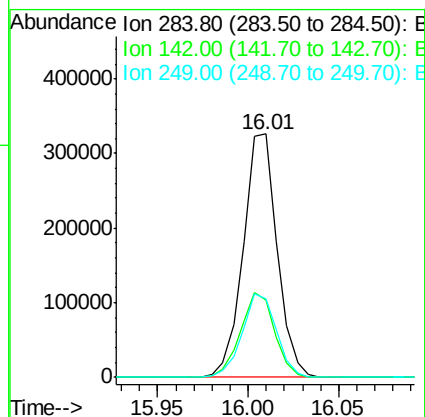
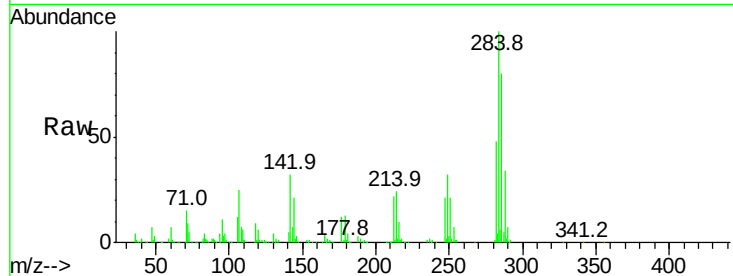
ClientSampleId :

PB101645BS

Tot Ion:	284	Resp:	424131
Ion Ratio	Lower	Upper	
284	100		
142	32.0	20.4	30.6#
249	32.5	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 41.990 ng

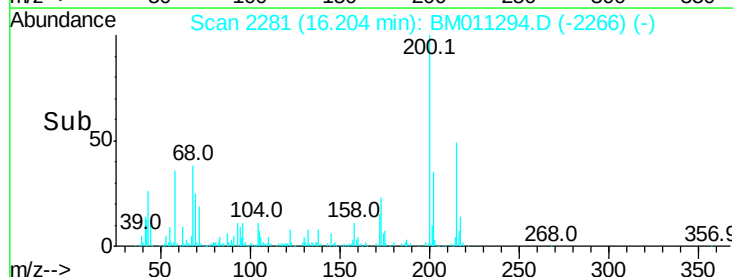
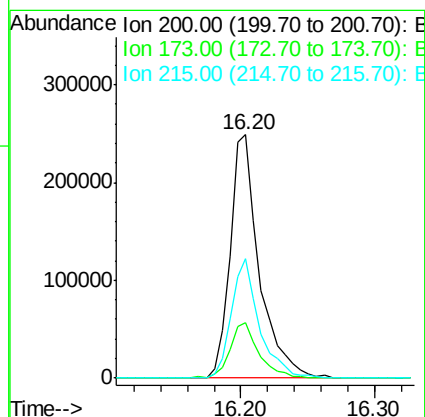
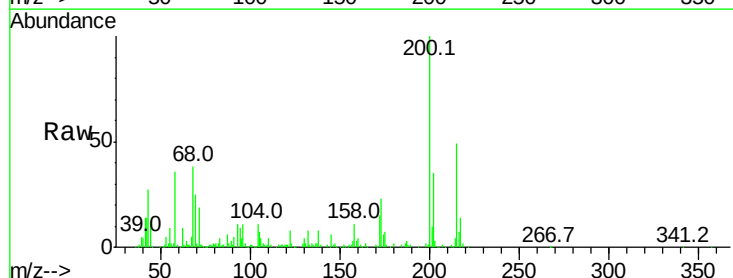
RT: 16.20 min Scan# 2281

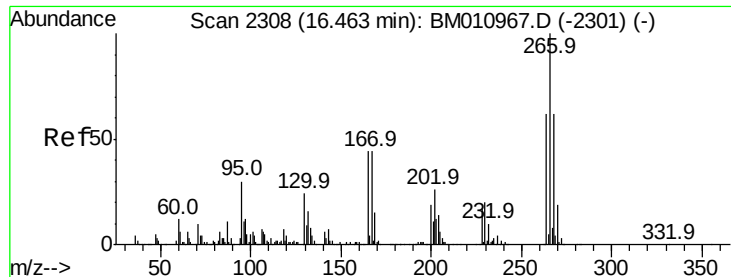
Delta R.T. -0.01 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion:	200	Resp:	379875
Ion Ratio	Lower	Upper	
200	100		
173	22.6	4.8	44.8
215	49.0	26.9	66.9





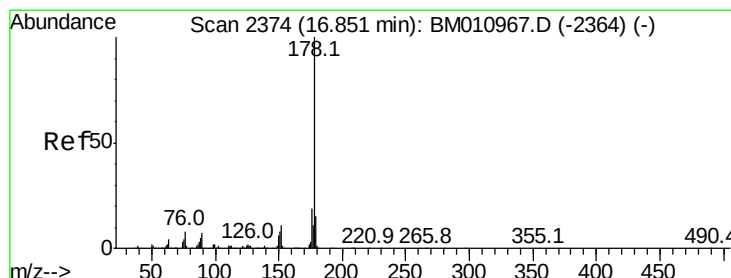
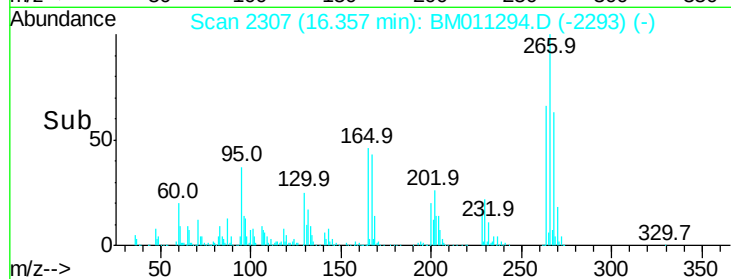
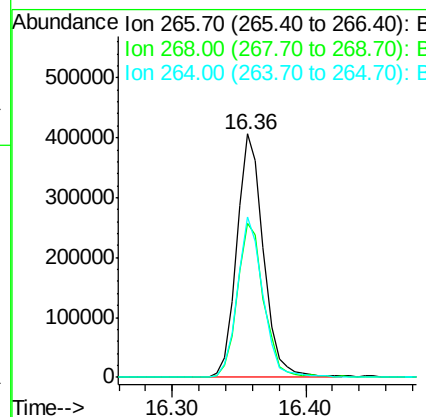
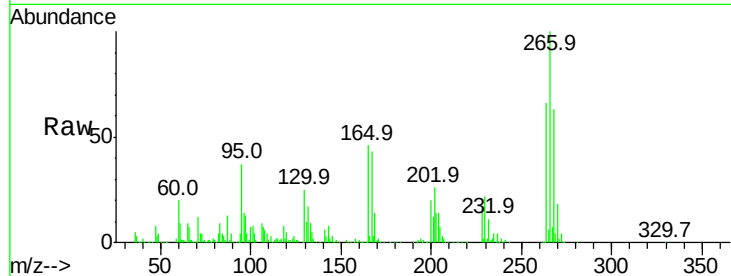
#69
 Pentachlorophenol
 Concen: 77.722 ng
 RT: 16.36 min Scan# 2307
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampled :
 PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.1	52.0	78.0	
264	65.8	49.0	73.4	

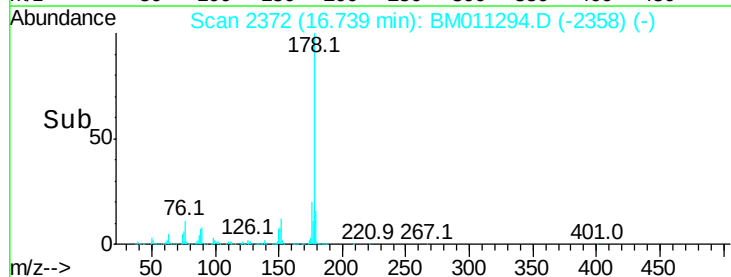
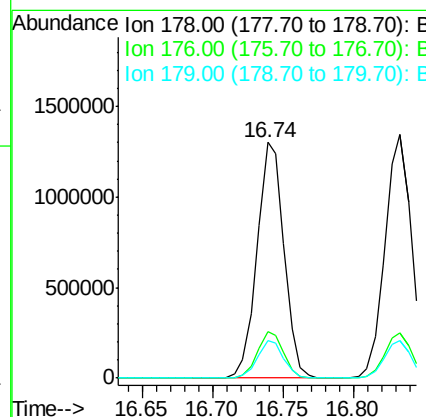
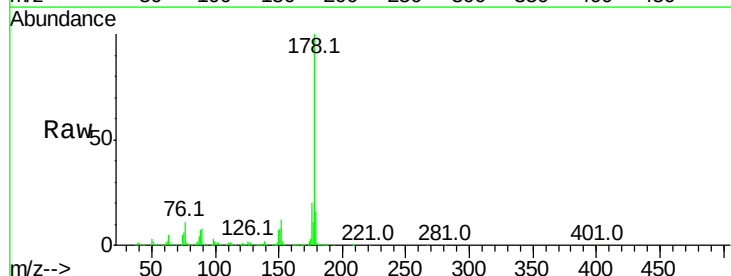
Manual Integrations
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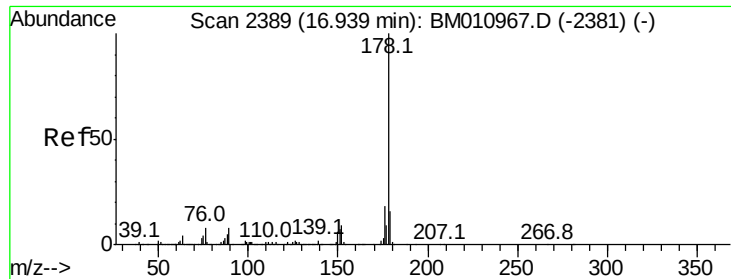
Sohil
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#70
 Phenanthrene
 Concen: 42.321 ng
 RT: 16.74 min Scan# 2372
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	15.2	22.8	
179	16.0	12.1	18.1	





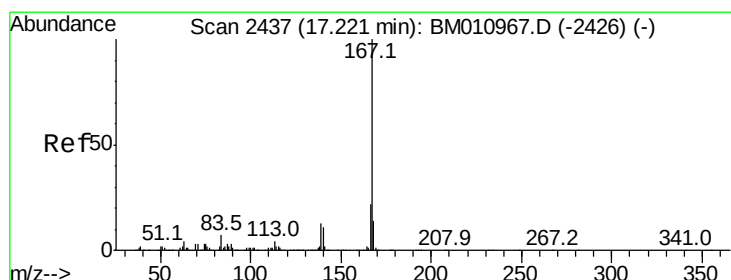
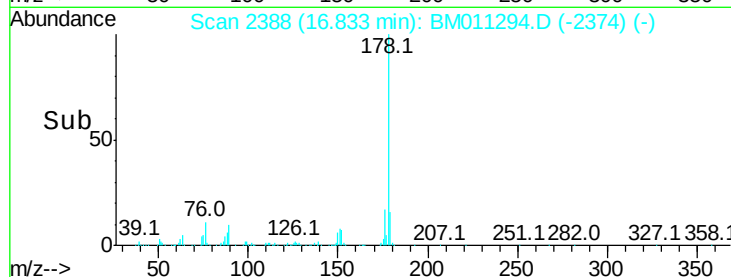
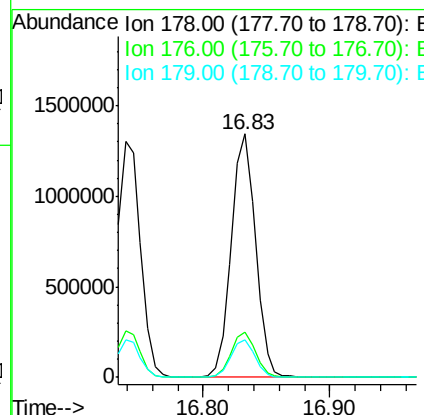
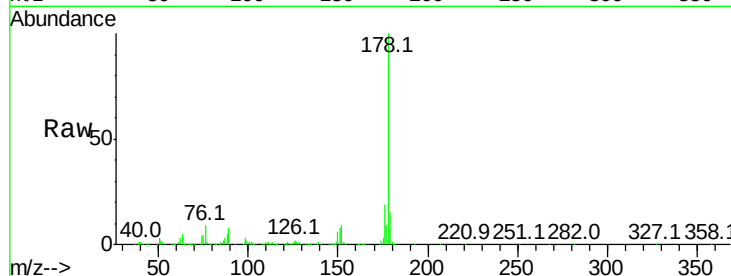
#71
 Anthracene
 Concen: 42.993 ng
 RT: 16.83 min Scan# 2388
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

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

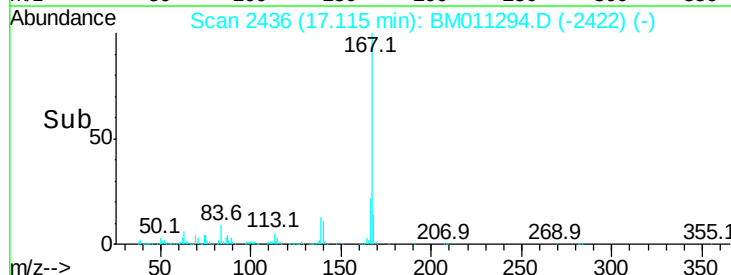
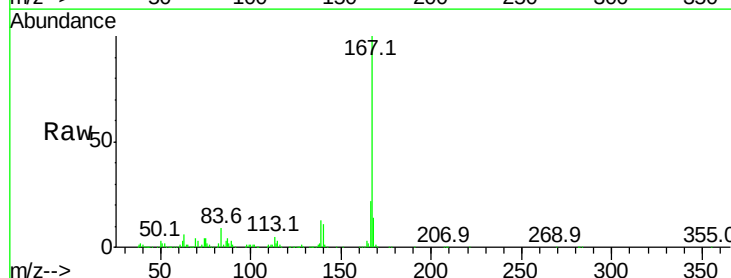
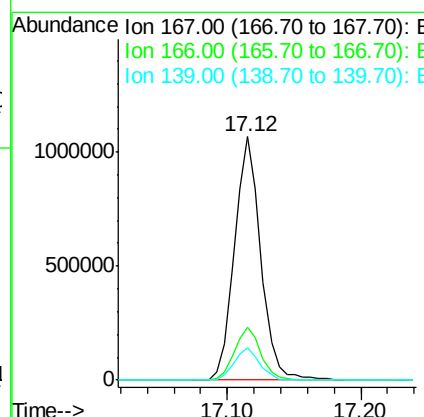
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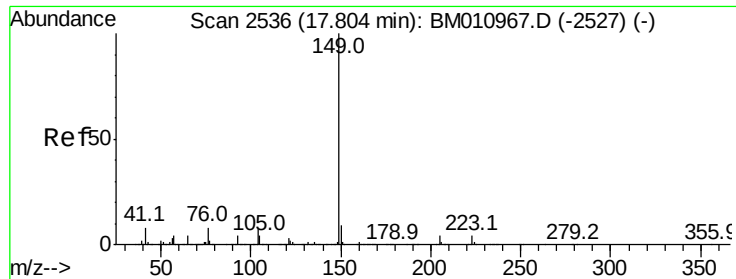
Sohil
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#72
 Carbazole
 Concen: 40.689 ng
 RT: 17.12 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.3	10.8	16.2





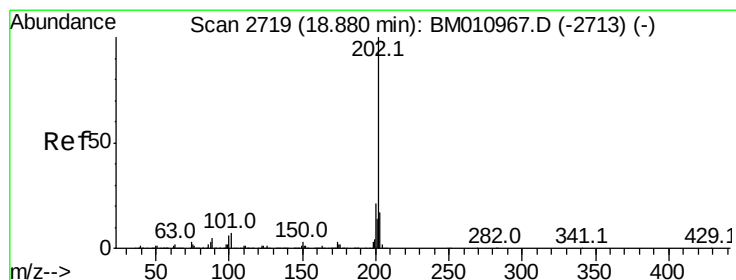
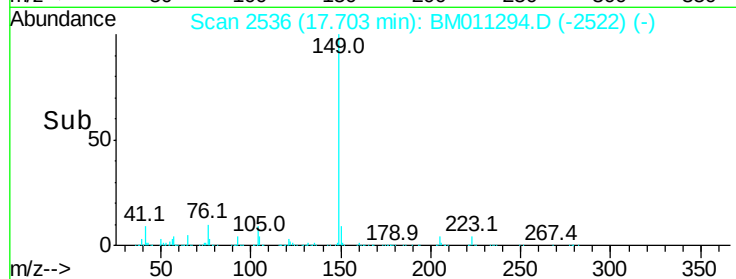
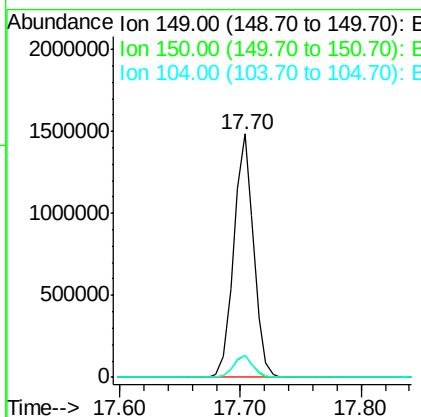
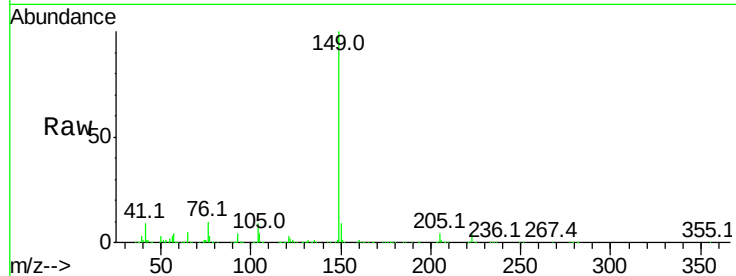
#73
Di-n-butylphthalate
Concen: 38.570 ng
RT: 17.70 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	1692093		
150	8.9	7.5	11.3	
104	9.1	3.7	5.5	

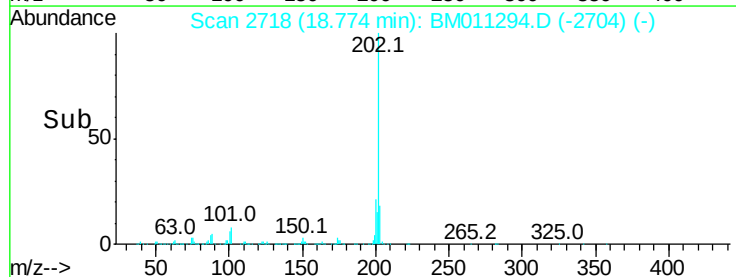
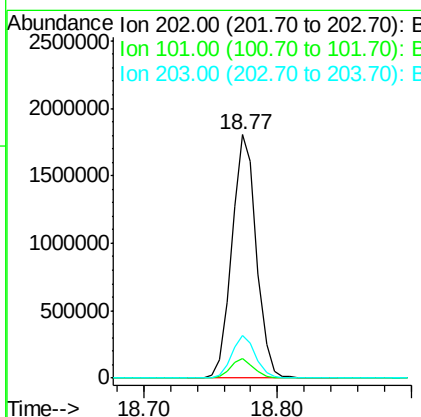
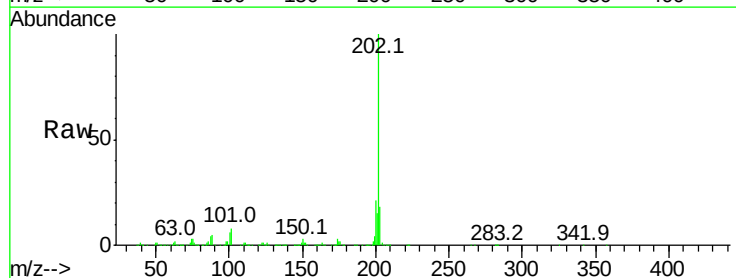
Manual Integrations
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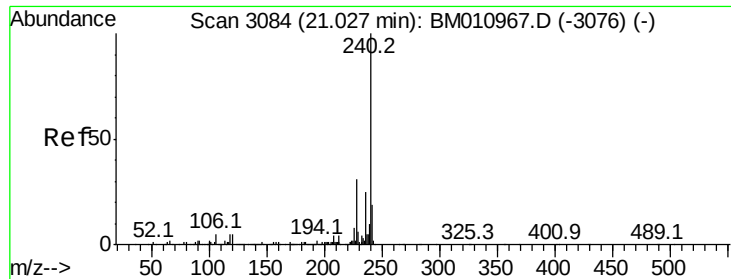
Sohil
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#74
Fluoranthene
Concen: 45.015 ng
RT: 18.77 min Scan# 2718
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2304176		
101	7.9	0.0	28.7	
203	17.6	0.0	37.2	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

ClientSampleId :

PB101645BS

Tot Ion:240 Resp: 1045736

Ion Ratio Lower Upper

240 100

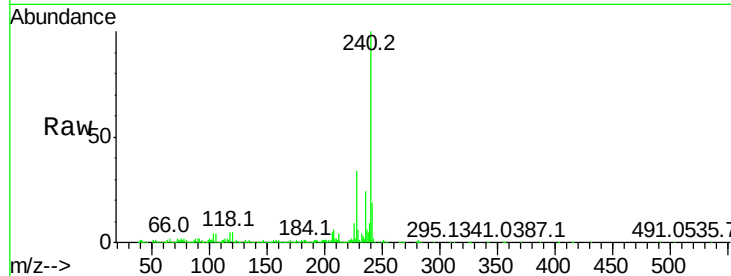
120 4.9 8.2 12.2#

236 24.4 20.0 30.0

Manual Integrations
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Sohil

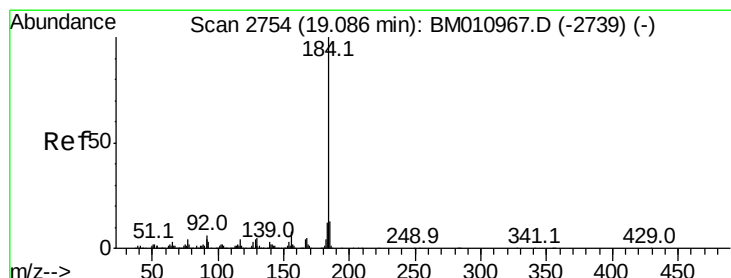
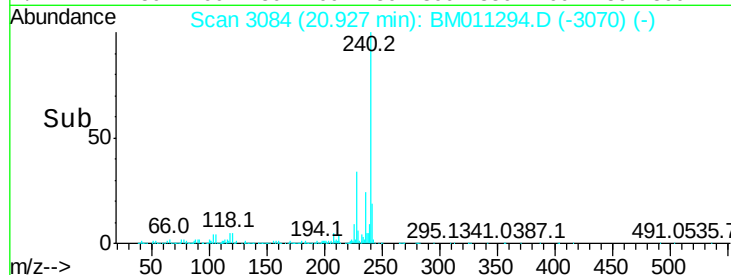
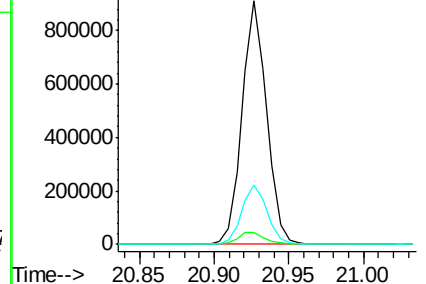
8/21/2017 5:18:57 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 59.323 ng

RT: 18.99 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

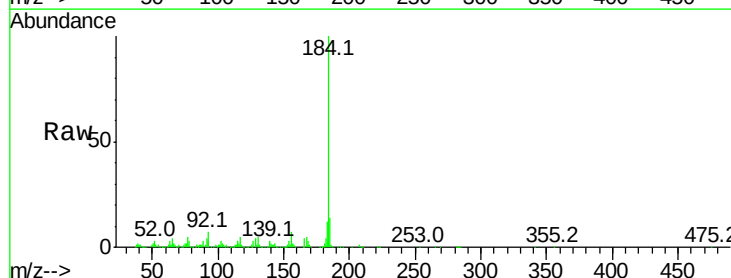
Tgt Ion:184 Resp: 1484068

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

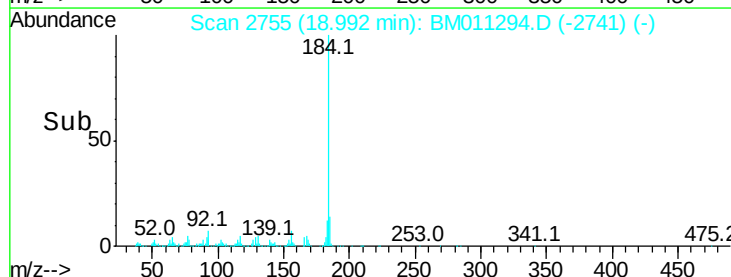
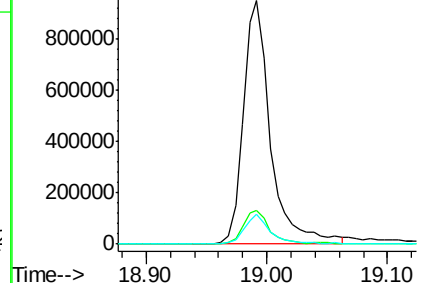
183 12.1 8.9 13.3

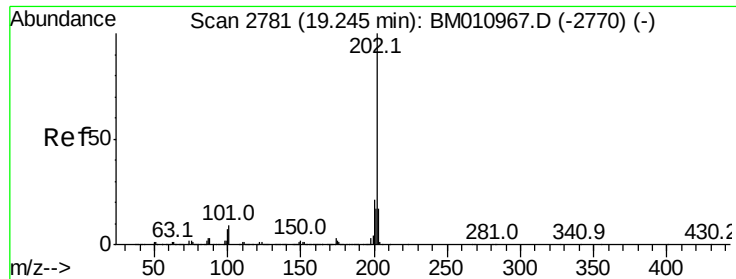


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.758 ng

RT: 19.14 min Scan# 2781

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

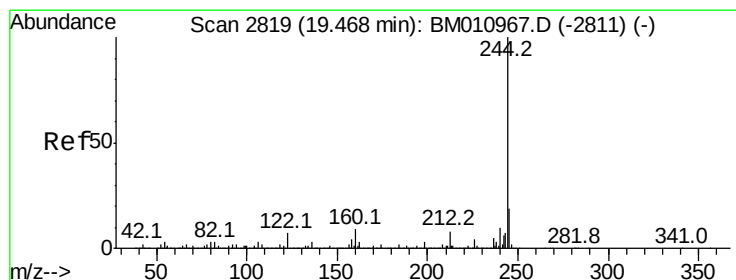
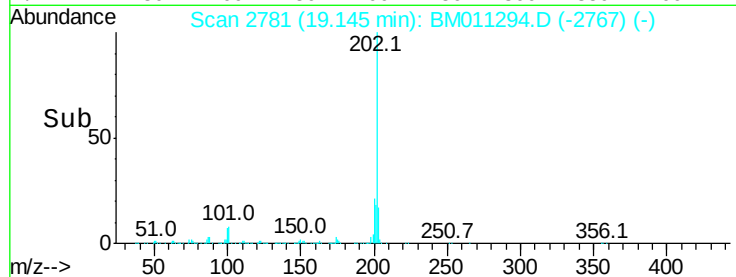
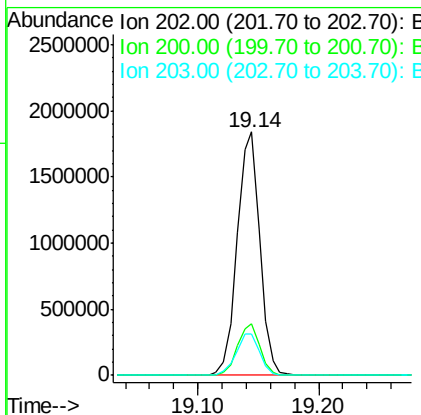
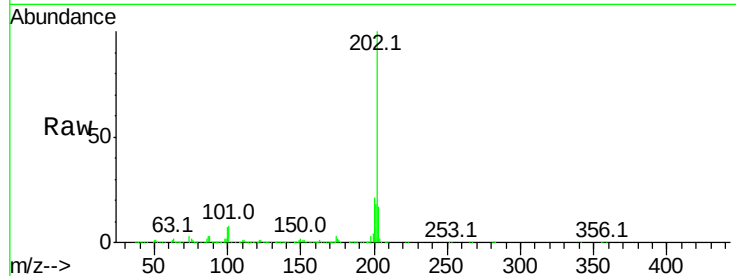
ClientSampleId :

PB101645BS

Tot Ion:	202	Resp:	2408296
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	16.9	14.1	21.1

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#78

Terphenyl-d14

Concen: 69.092 ng

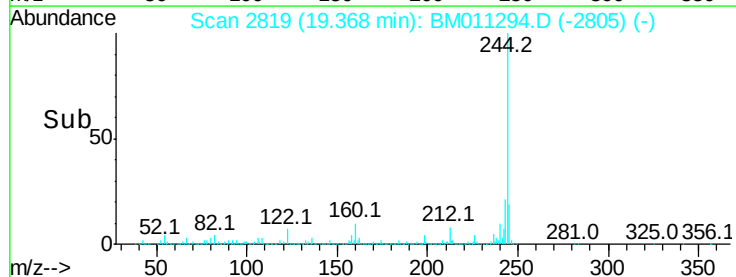
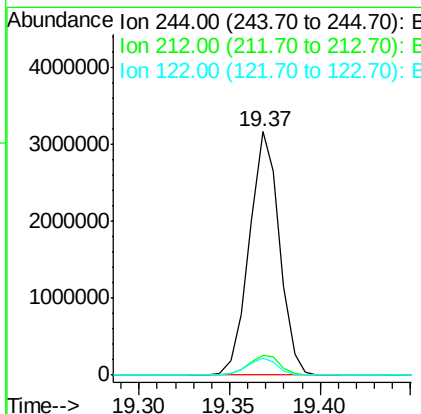
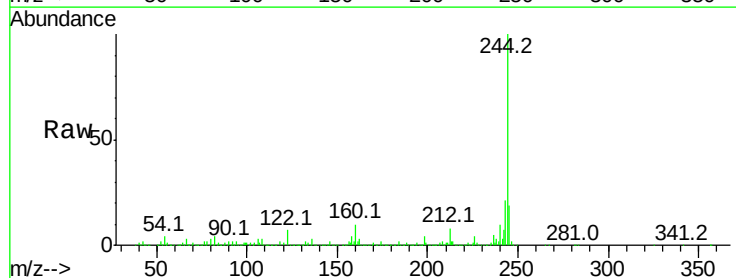
RT: 19.37 min Scan# 2819

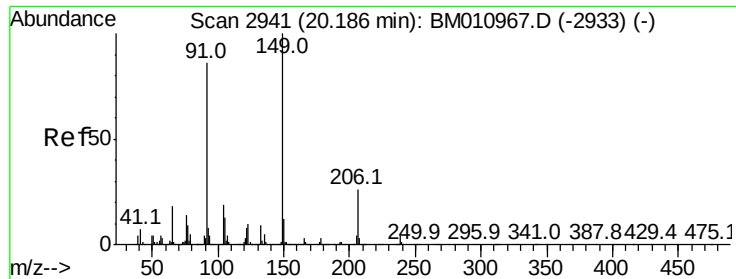
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion:	244	Resp:	3647493
Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	6.8	6.2	9.4





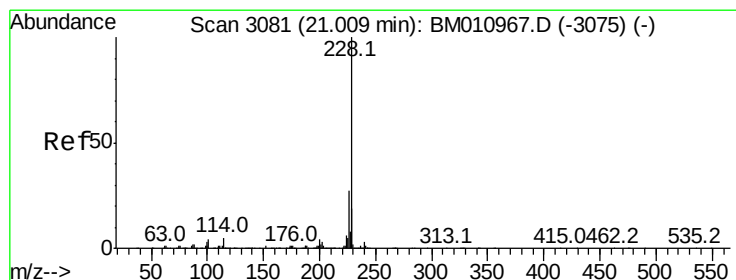
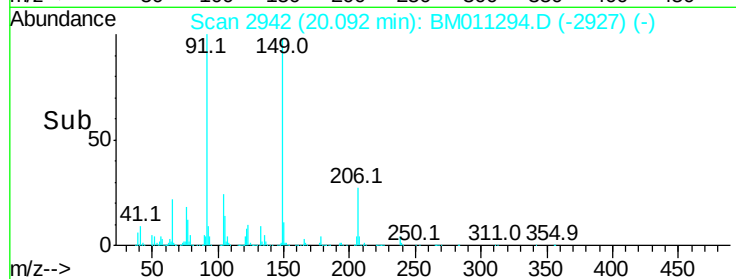
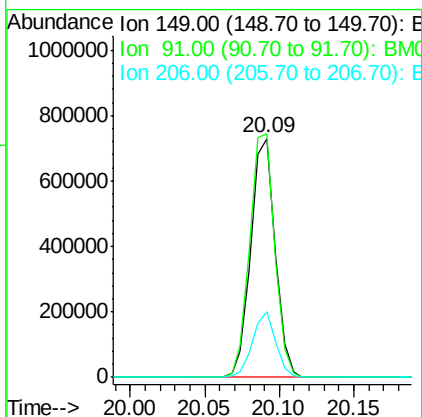
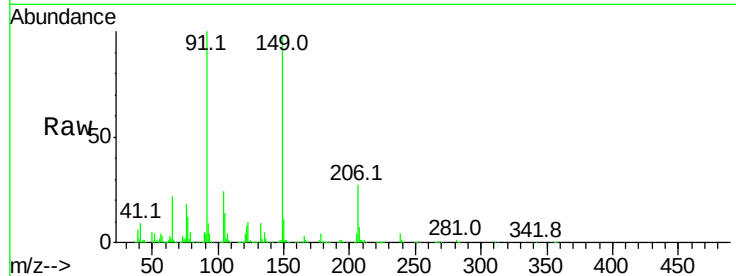
#79
Butylbenzylphthalate
Concen: 36.919 ng
RT: 20.09 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	102.0	50.1	75.1#
206	27.7	16.2	24.2#

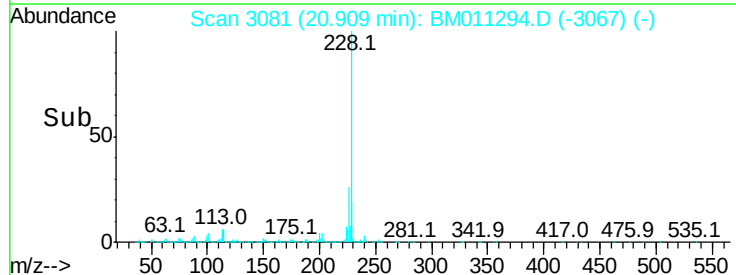
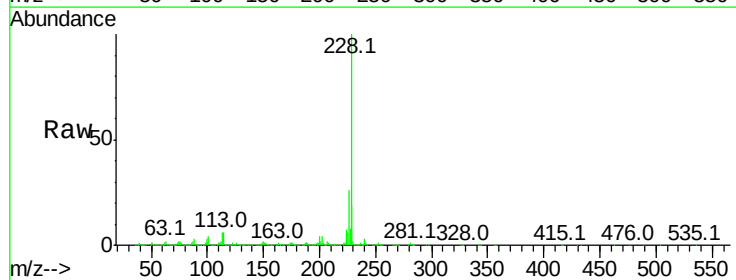
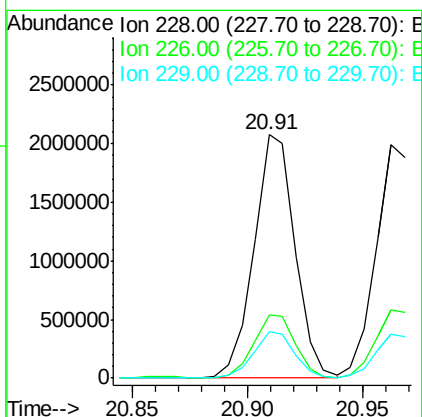
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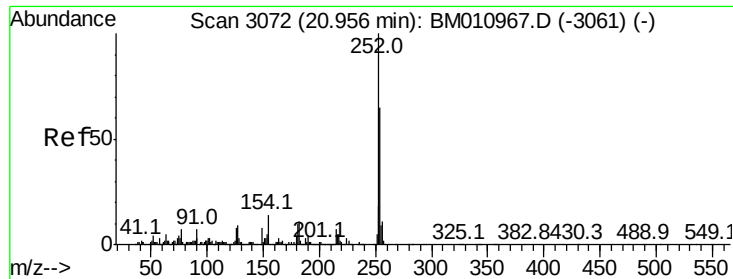
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#80
Benzo(a)anthracene
Concen: 42.884 ng
RT: 20.91 min Scan# 3081
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.7	32.5
229	19.2	16.0	24.0





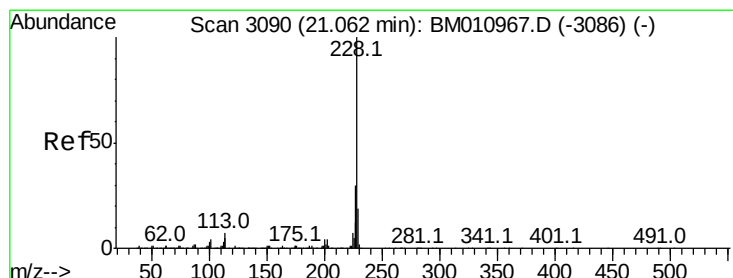
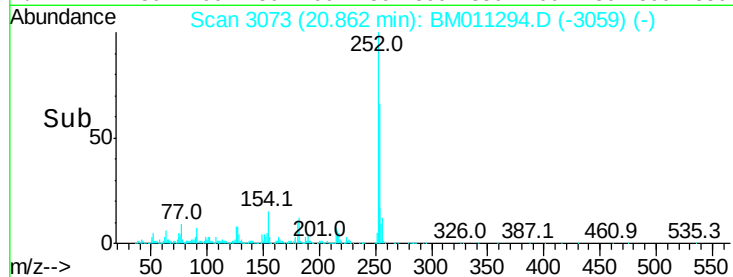
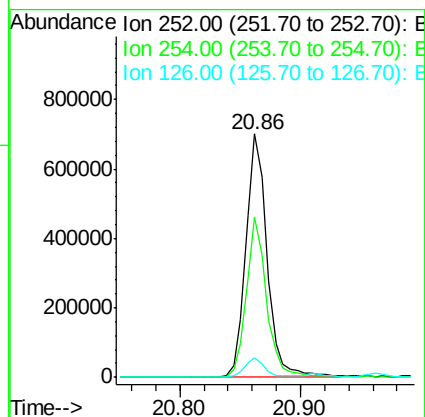
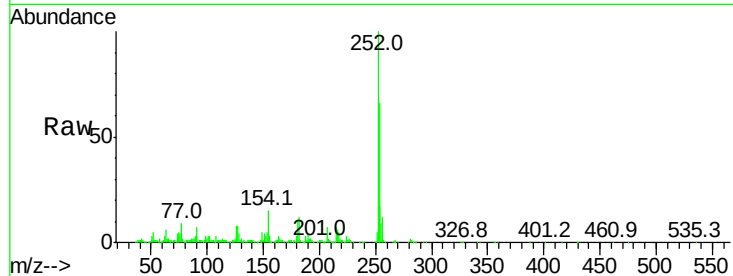
#81
 3,3'-Dichlorobenzidine
 Concen: 37.140 ng
 RT: 20.86 min Scan# 3073
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	869991		
254	65.8	51.9	77.9	
126	7.9	9.8	14.8	

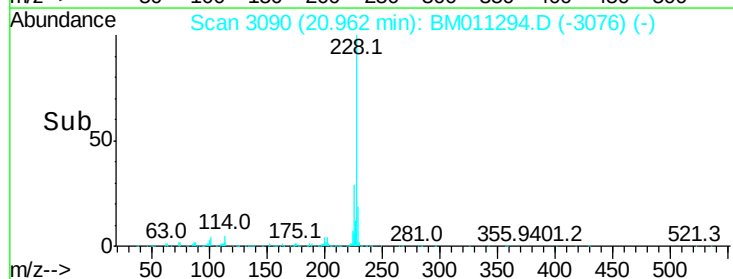
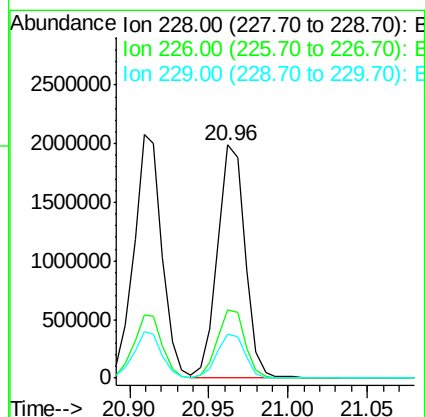
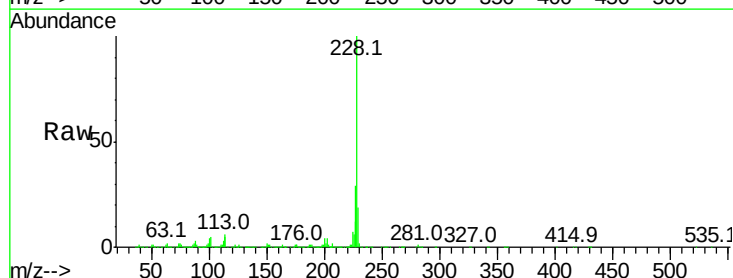
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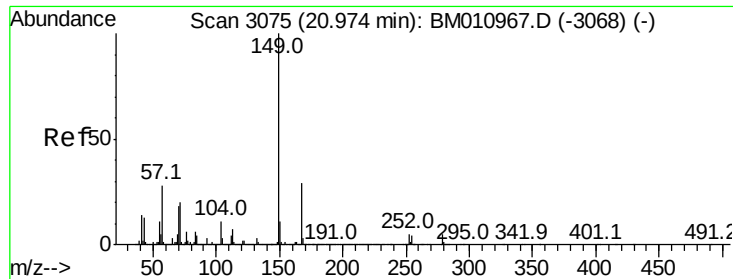
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#82
 Chrysene
 Concen: 41.827 ng
 RT: 20.96 min Scan# 3090
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2397398		
226	29.4	24.1	36.1	
229	19.1	15.5	23.3	





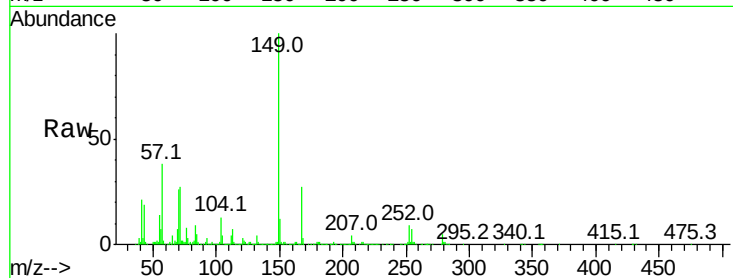
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.810 ng
 RT: 20.88 min Scan# 3076
 Delta R.T. -0.02 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampled :
 PB101645BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	4.6	3.4	5.0

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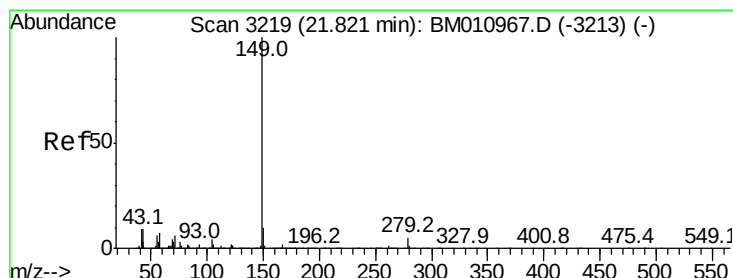
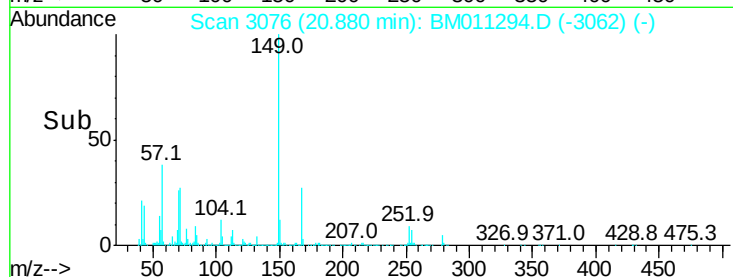
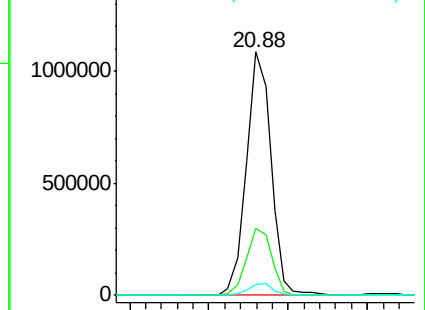


Abundance

Ion 149.00 (148.70 to 149.70): E

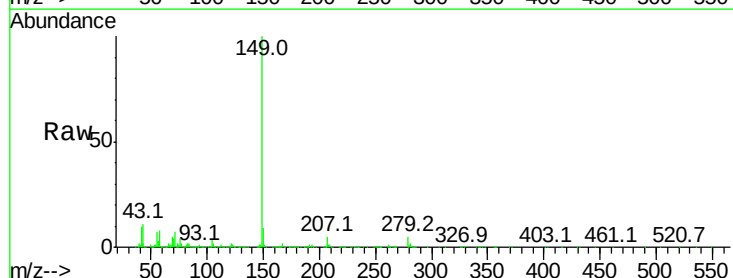
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 37.877 ng
 RT: 21.73 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.6	7.3	10.9#

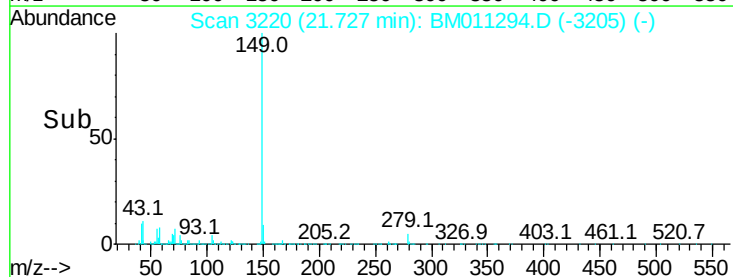
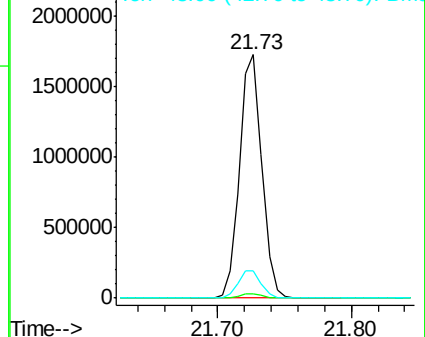


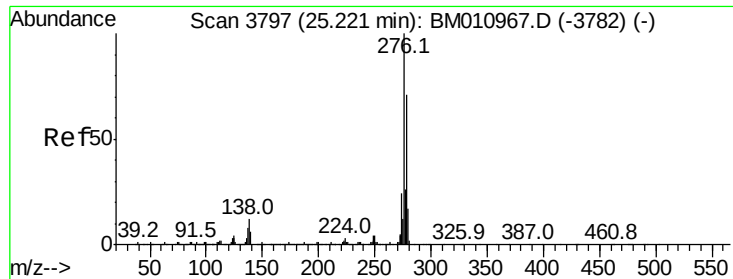
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





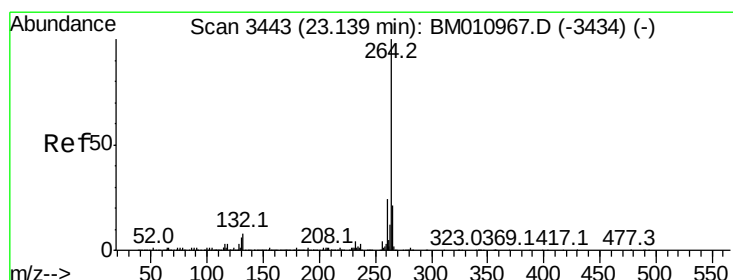
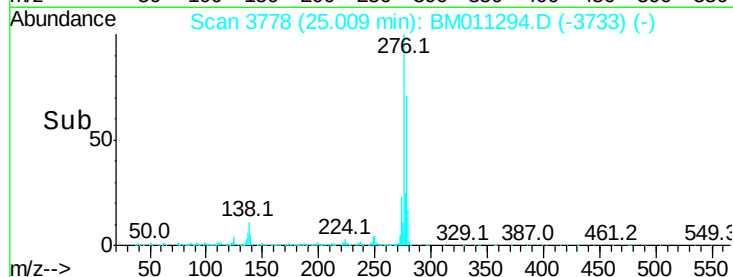
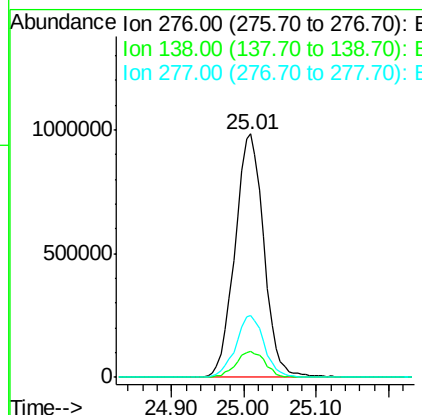
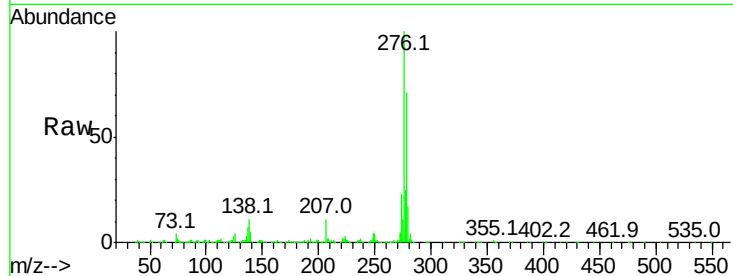
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.910 ng
RT: 25.01 min Scan# 3778
Delta R.T. -0.04 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampled :
PB101645BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.8	12.0	18.0#
277	25.2	20.0	30.0

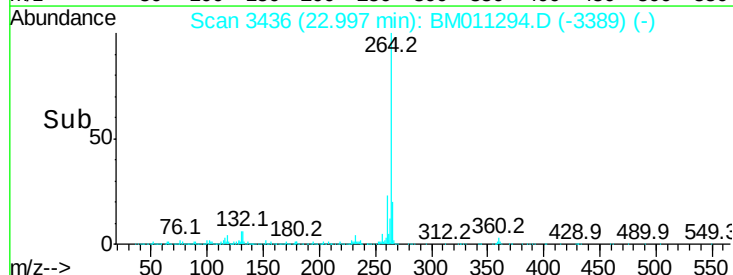
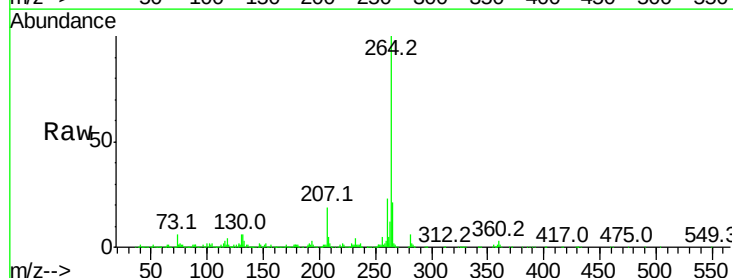
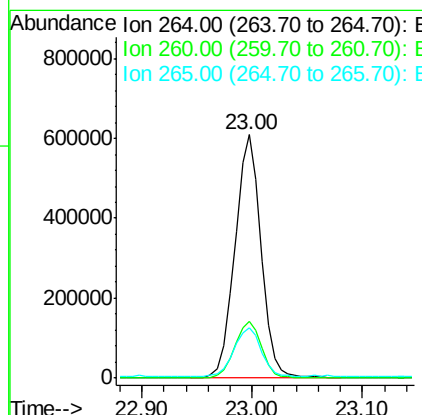
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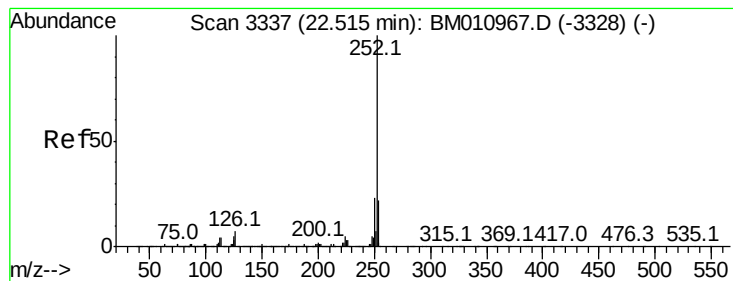
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3436
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	20.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 39.790 ng

RT: 22.39 min Scan# 3333

Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Instrument :

BNA_M

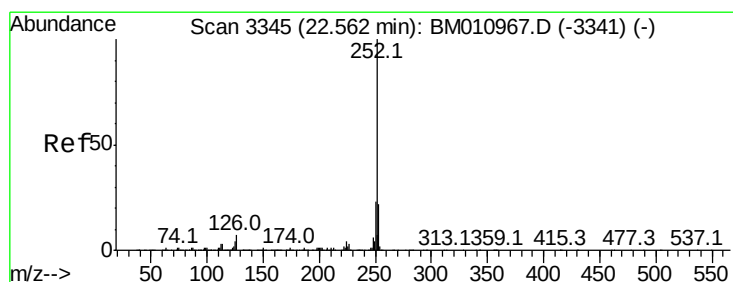
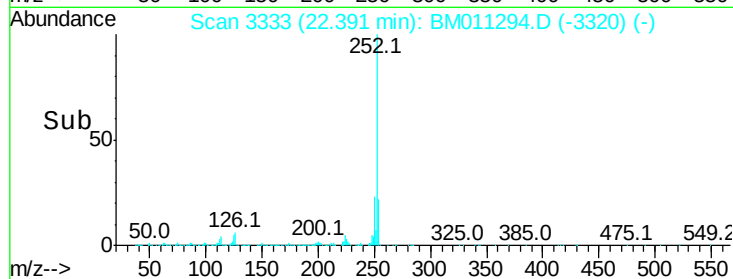
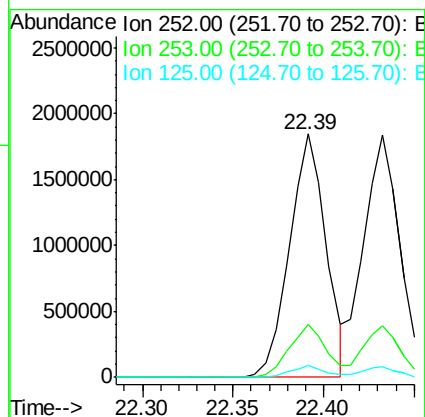
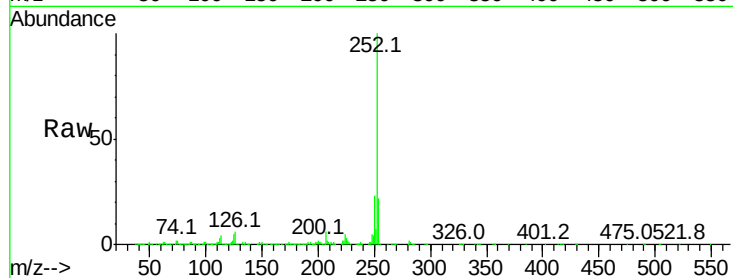
ClientSampleId :

PB101645BS

Tot Ion:252	Resp: 2589429		
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	4.7	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 40.941 ng

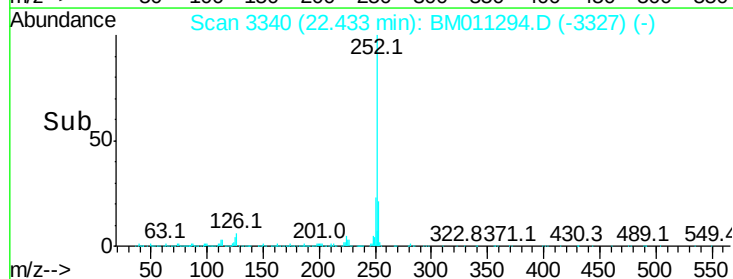
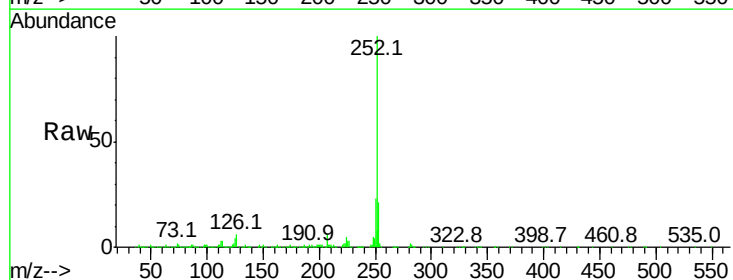
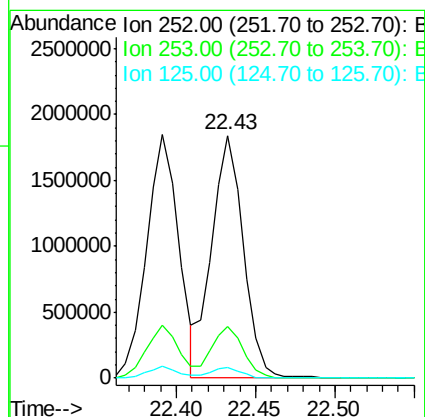
RT: 22.43 min Scan# 3340

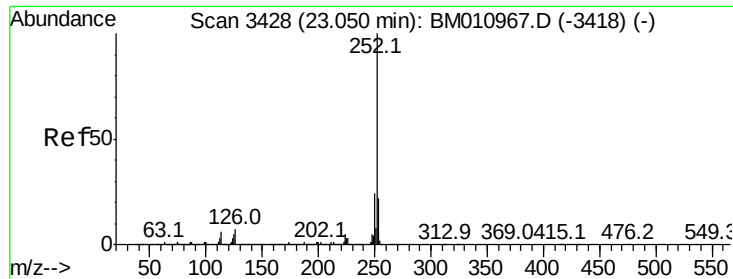
Delta R.T. -0.02 min

Lab File: BM011294.D

Acq: 18 Aug 2017 19:03

Tgt Ion:252	Resp: 2553662		
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	4.2	8.1	12.1#





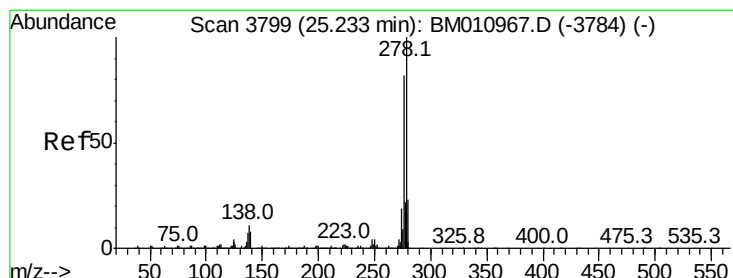
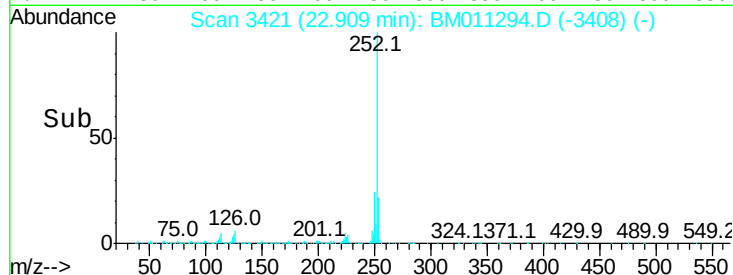
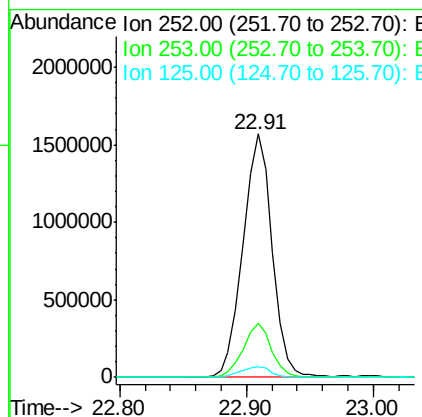
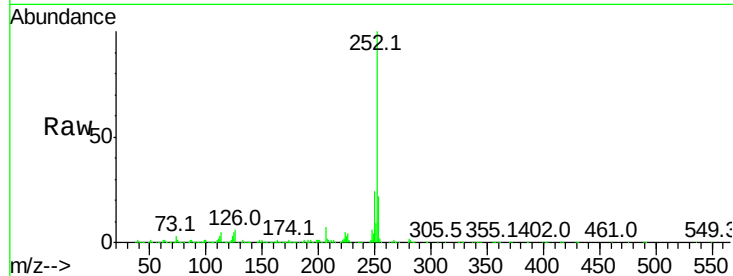
#89
Benzo(a)pyrene
Concen: 42.609 ng
RT: 22.91 min Scan# 3421
Delta R.T. -0.02 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Instrument :
BNA_M
ClientSampleId :
PB101645BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	4.5	7.4	11.2

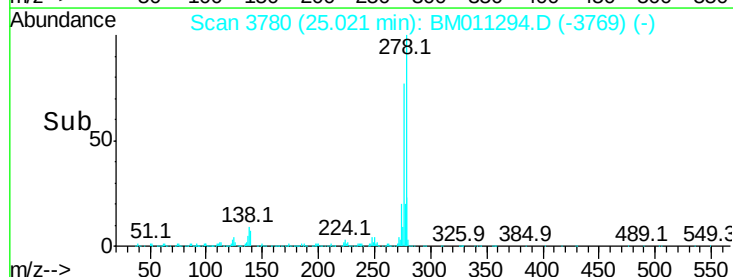
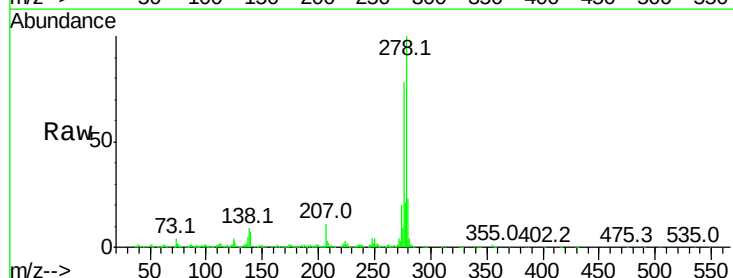
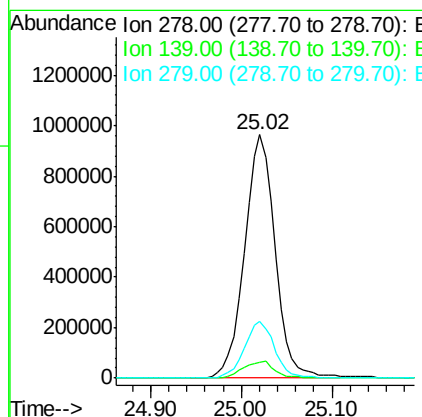
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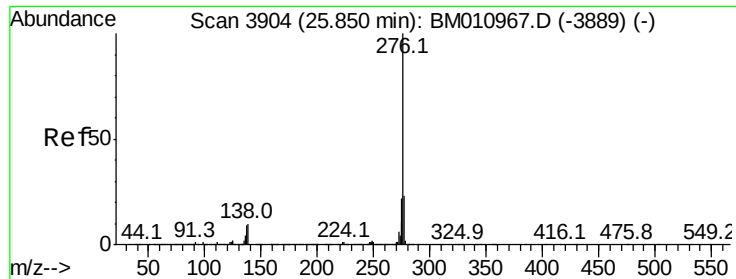
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#90
Dibenzo(a,h)anthracene
Concen: 41.308 ng
RT: 25.02 min Scan# 3780
Delta R.T. -0.04 min
Lab File: BM011294.D
Acq: 18 Aug 2017 19:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.5	13.4	20.0
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.307 ng
 RT: 25.61 min Scan# 3881
 Delta R.T. -0.04 min
 Lab File: BM011294.D
 Acq: 18 Aug 2017 19:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101645BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	9.1	19.0	28.6

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