

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
 Data File : BM011203.D
 Acq On : 11 Aug 2017 16:16
 Operator : SJ/JU
 Sample : I4666-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Manual Integrations
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 8/14/2017 6:57:04 PM

Quant Time: Aug 11 18:42:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 18:38:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	146515	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	542399	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	373451	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	937892	20.00	ng	0.00
75) Chrysene-d12	20.94	240	1172121	20.00	ng	0.00
86) Perylene-d12	23.02	264	1165281	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.94	112	1173532	135.40	ng	0.00
7) Phenol-d6	6.50	99	1534111	124.58	ng	0.00
23) Nitrobenzene-d5	8.45	82	1541363	106.66	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	853087	142.52	ng	0.00
44) 2-Fluorobiphenyl	12.57	172	2876295	96.59	ng	0.00
78) Terphenyl-d14	19.39	244	4701608	79.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	175652	45.137	ng	# 100
3) Pyridine	3.32	79	479599	45.119	ng	# 88
4) n-Nitrosodimethylamine	3.23	42	290025	53.541	ng	# 68
6) Aniline	6.65	93	505199	32.550	ng	# 83
8) 2-Chlorophenol	6.87	128	349644	39.734	ng	# 74
9) Benzaldehyde	6.46	77	181122	22.732	ng	# 68
10) Phenol	6.53	94	517508	38.690	ng	# 97
11) bis(2-Chloroethyl)ether	6.75	93	461403	44.272	ng	# 85
12) 1,3-Dichlorobenzene	7.18	146	440370	41.063	ng	# 77
13) 1,4-Dichlorobenzene	7.33	146	454117	41.311	ng	# 92
14) 1,2-Dichlorobenzene	7.64	146	425660	40.500	ng	# 89
15) Benzyl Alcohol	7.55	79	584668	49.491	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.84	45	462066	49.270	ng	# 79
17) 2-Methylphenol	7.75	107	356090	41.655	ng	# 71
18) Hexachloroethane	8.35	117	216737	45.212	ng	# 81
19) n-Nitroso-di-n-propylamine	8.10	70	514013	49.119	ng	# 89
20) 3+4-Methylphenols	8.08	107	478390	40.258	ng	# 78
22) Acetophenone	8.12	105	752163	46.262	ng	# 89
24) Nitrobenzene	8.49	77	764968	51.081	ng	# 84
25) Isophorone	9.00	82	1209379	50.190	ng	# 82
26) 2-Nitrophenol	9.19	139	201650	42.319	ng	# 7
27) 2,4-Dimethylphenol	9.26	122	361445	43.089	ng	# 65
28) bis(2-Chloroethoxy)methane	9.50	93	629693	46.855	ng	# 97
29) 2,4-Dichlorophenol	9.72	162	403008	42.755	ng	# 92
30) 1,2,4-Trichlorobenzene	9.92	180	542425	46.542	ng	# 99
31) Naphthalene	10.10	128	1229693	45.066	ng	# 99
32) Benzoic acid	9.41	122	213249	31.628	ng	# 46
33) 4-Chloroaniline	10.24	127	180498	16.582	ng	# 64
34) Hexachlorobutadiene	10.39	225	441847	48.135	ng	# 99
35) Caprolactam	11.03	113	103969m	38.895	ng	#
36) 4-Chloro-3-methylphenol	11.37	107	509335	41.848	ng	# 73
37) 2-Methylnaphthalene	11.73	142	946060	47.197	ng	# 83
39) 1,2,4,5-Tetrachlorobenzene	12.11	216	715249	44.579	ng	# 100
40) Hexachlorocyclopentadiene	12.09	237	1014166	108.478	ng	# 99

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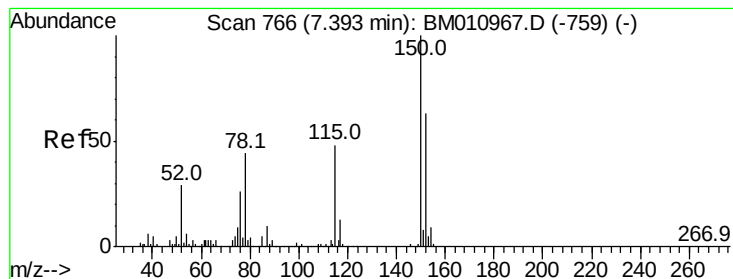
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	430497	44.329	nq	94
43) 2,4,5-Trichlorophenol	12.44	196	438446	43.835	nq #	85
45) 1,1'-Biphenyl	12.78	154	1319432	40.860	nq	95
46) 2-Chloronaphthalene	12.82	162	1055285	44.354	nq	96
47) 2-Nitroaniline	13.04	65	449749	53.433	nq #	59
48) Acenaphthylene	13.67	152	1586576	44.684	nq	100
49) Dimethylphthalate	13.44	163	1380054	43.198	nq #	98
50) 2,6-Dinitrotoluene	13.56	165	289530	44.817	nq #	45
51) Acenaphthene	14.03	154	965700	43.925	nq	96
52) 3-Nitroaniline	13.89	138	188795	33.677	nq #	16
53) 2,4-Dinitrophenol	14.10	184	302990	65.992	nq #	85
54) Dibenzofuran	14.37	168	1708589	47.963	nq #	90
55) 4-Nitrophenol	14.22	139	316921	64.344	nq #	77
56) 2,4-Dinitrotoluene	14.35	165	418341	46.127	nq #	81
57) Fluorene	15.02	166	1399051	45.108	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.60	232	466582	49.768	nq #	100
59) Diethylphthalate	14.83	149	1421852	43.579	nq	99
60) 4-Chlorophenyl-phenylether	15.03	204	871506	46.540	nq	97
61) 4-Nitroaniline	15.06	138	189067	31.751	nq #	1
62) Azobenzene	15.32	77	2062628	59.070	nq	85
64) 4,6-Dinitro-2-methylphenol	15.12	198	253154	39.871	nq	93
65) n-Nitrosodiphenylamine	15.25	169	1214642	45.253	nq	98
66) 4-Bromophenyl-phenylether	15.93	248	561299	46.554	nq #	90
67) Hexachlorobenzene	16.03	284	591688	43.428	nq #	87
68) Atrazine	16.22	200	517104	48.074	nq	97
69) Pentachlorophenol	16.38	266	741677	85.745	nq	97
70) Phenanthrene	16.76	178	2364327	48.144	nq	99
71) Anthracene	16.85	178	2393256	48.864	nq	99
72) Carbazole	17.13	167	1891917	44.170	nq	99
73) Di-n-butylphthalate	17.72	149	2415831	46.315	nq #	95
74) Fluoranthene	18.80	202	2975286	48.888	nq	99
76) Benzidine	19.01	184	3154997	112.516	nq	99
77) Pyrene	19.16	202	2976406	42.736	nq	99
79) Butylbenzylphthalate	20.11	149	1107603	44.723	nq #	66
80) Benzo(a)anthracene	20.93	228	3129926	46.766	nq	99
81) 3,3'-Dichlorobenzidine	20.88	252	778678	29.658	nq #	97
82) Chrysene	20.98	228	2936351	45.706	nq	98
83) Bis(2-ethylhexyl)phthalate	20.90	149	1623853	44.570	nq #	99
84) Di-n-octyl phthalate	21.74	149	2650148	44.817	nq #	95
85) Indeno(1,2,3-cd)pyrene	25.05	276	3541084	53.222	nq #	96
87) Benzo(b)fluoranthene	22.42	252	3278711	43.839	nq #	92
88) Benzo(k)fluoranthene	22.46	252	3238818	45.183	nq #	94
89) Benzo(a)pyrene	22.93	252	3128865	46.234	nq #	97
90) Dibenzo(a,h)anthracene	25.06	278	2913933	46.447	nq #	90
91) Benzo(g,h,i)perylene	25.66	276	2935909	47.658	nq #	84

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



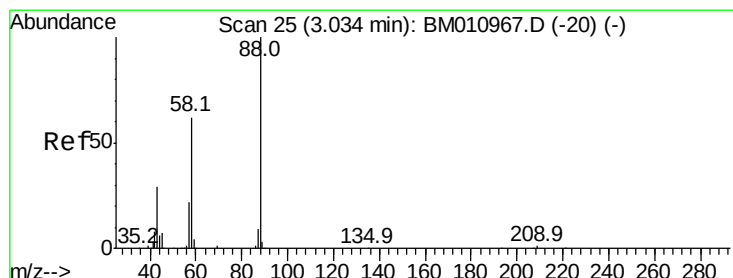
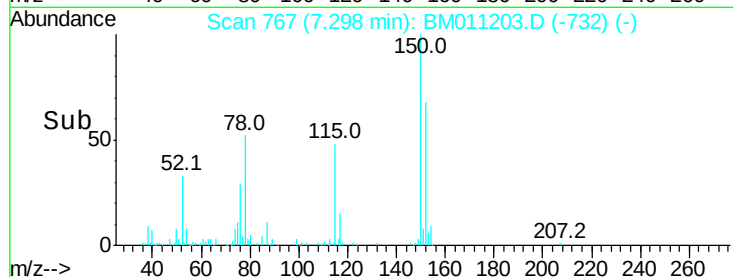
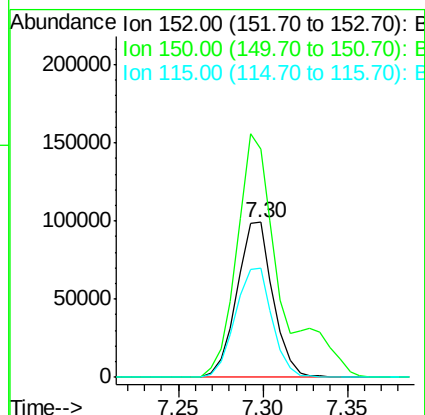
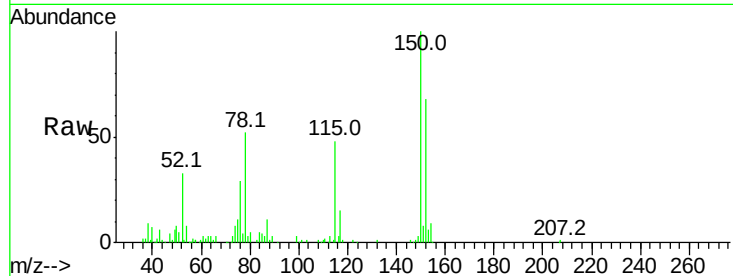
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.30 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	119.5	179.3
115	70.2	43.0	64.4

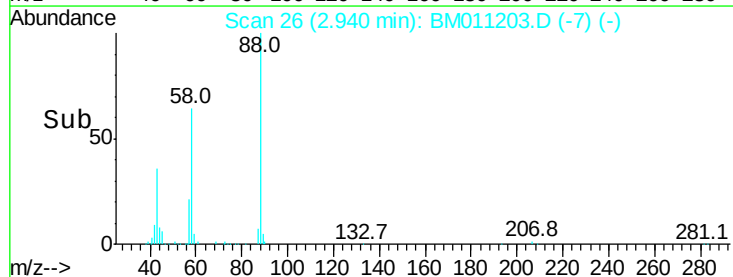
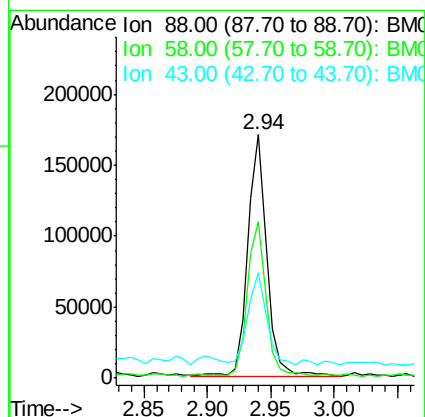
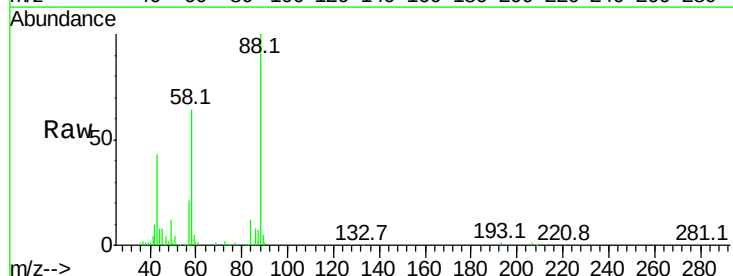
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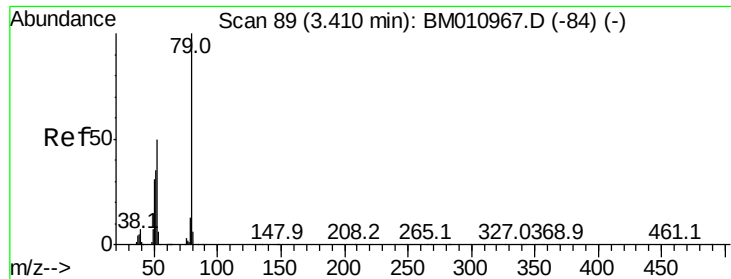
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#2
 1,4-Dioxane
 Concen: 45.137 ng
 RT: 2.94 min Scan# 26
 Delta R.T. 0.01 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	0.0	0.0
43	38.2	0.0	0.0





#3

Pvridine

Concen: 45.119 ng

RT: 3.32 min Scan# 90

Delta R.T. 0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

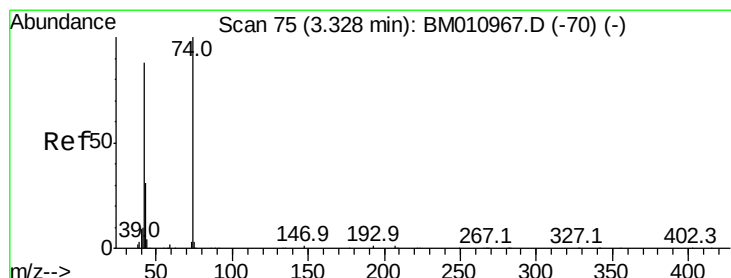
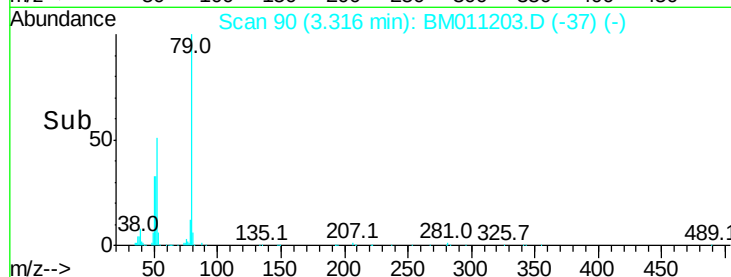
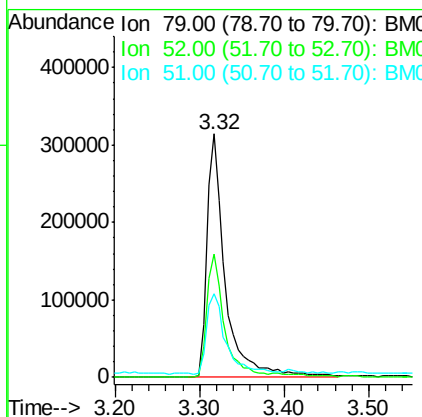
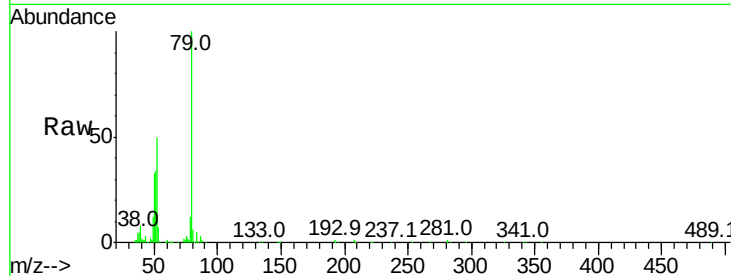
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:	79	Resp:	479599
Ion Ratio	Lower	Upper	
79	100		
52	50.5	51.1	76.7#
51	34.3	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 53.541 ng

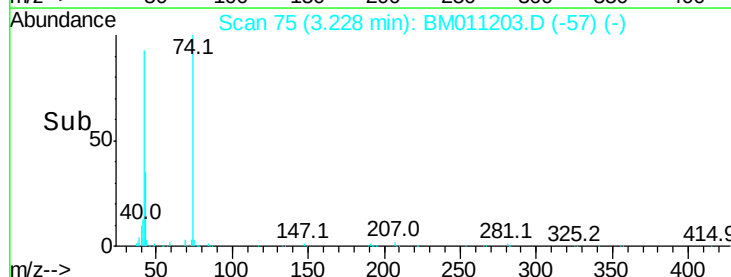
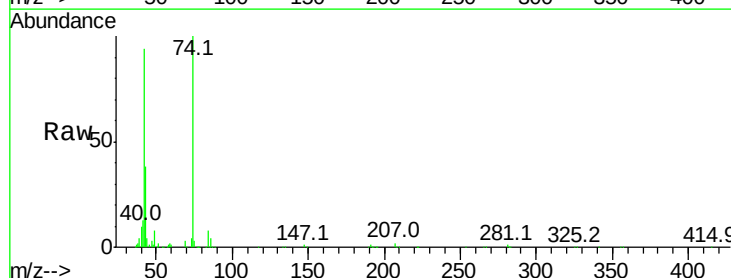
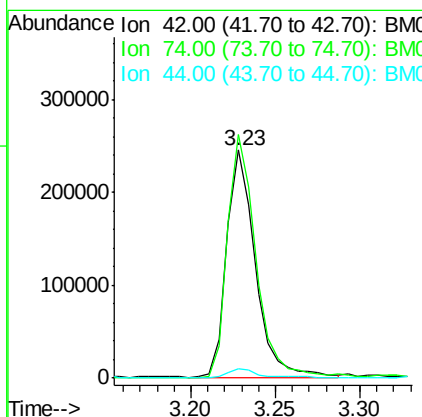
RT: 3.23 min Scan# 75

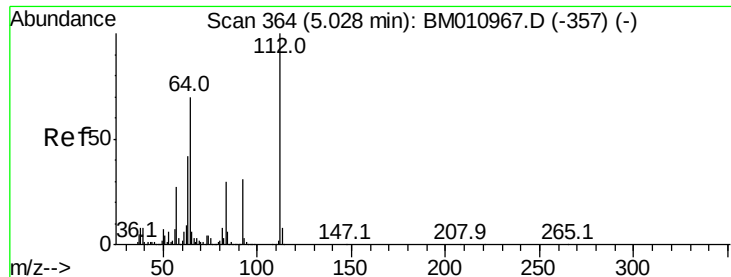
Delta R.T. 0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion:	42	Resp:	290025
Ion Ratio	Lower	Upper	
42	100		
74	106.9	119.3	178.9#
44	4.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 135.398 ng

RT: 4.94 min Scan# 366

Delta R.T. 0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

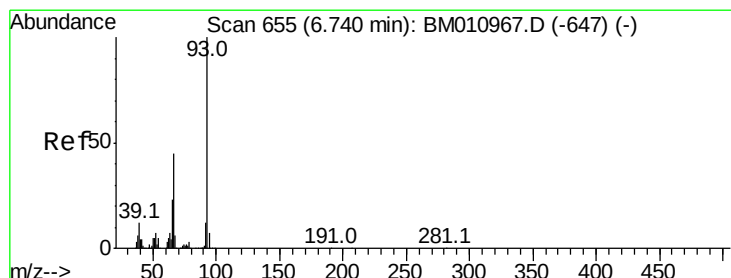
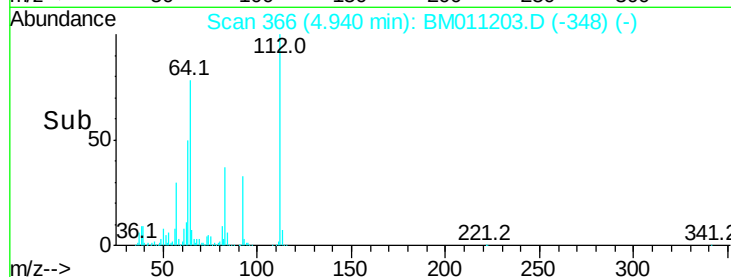
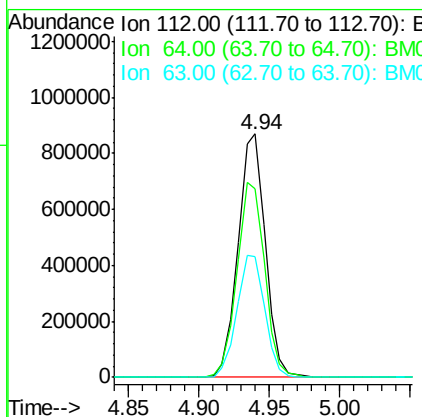
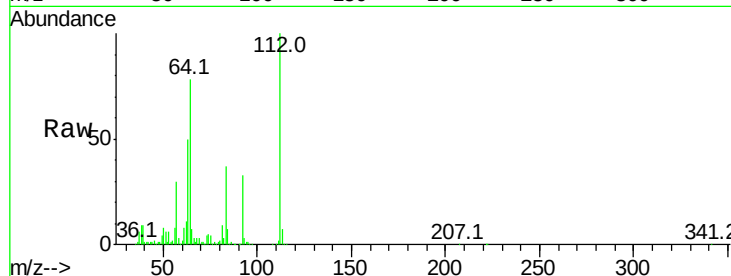
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:	112	Resp:	1173532
Ion Ratio	Lower	Upper	
112	100		
64	77.6	38.6	57.8#
63	49.6	19.3	28.9#

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#6

Aniline

Concen: 32.550 ng

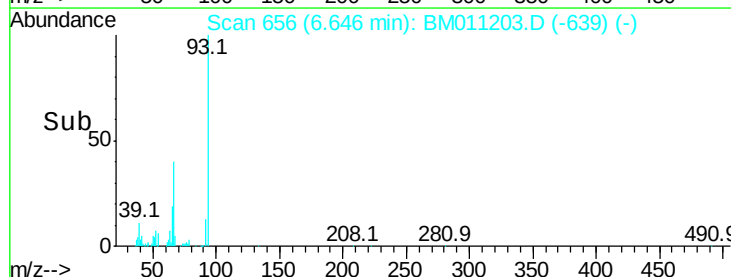
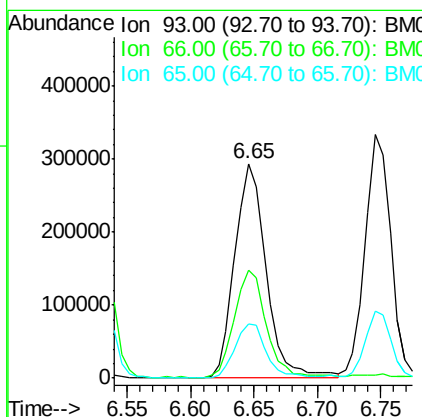
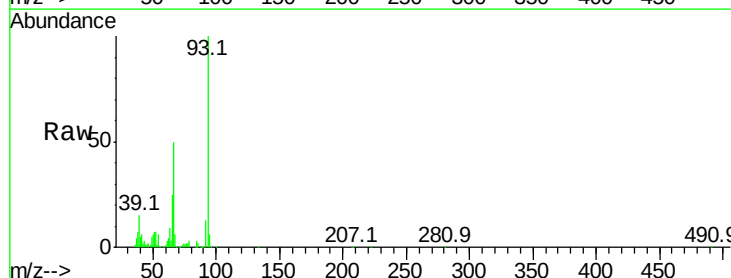
RT: 6.65 min Scan# 656

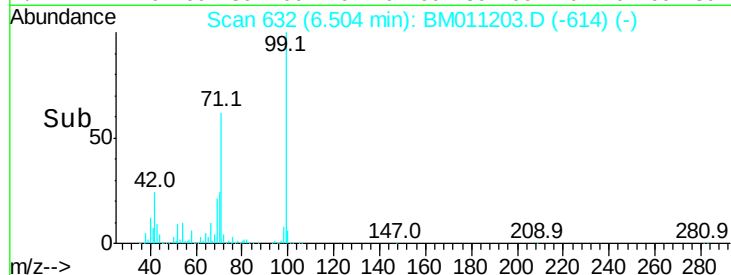
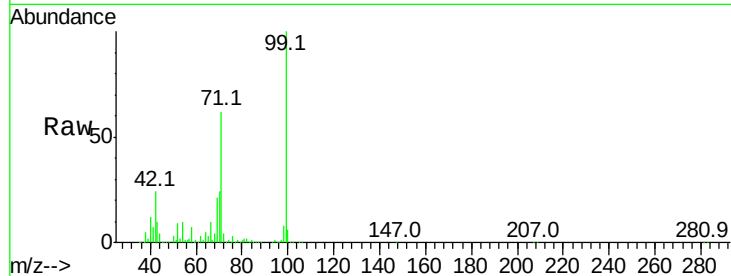
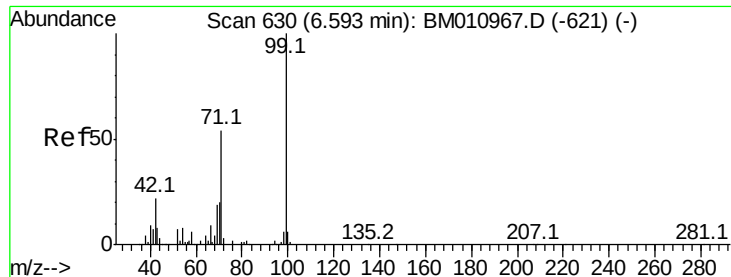
Delta R.T. 0.00 min

Lab File: BM011203.D

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Tgt Ion:	93	Resp:	505199
Ion Ratio	Lower	Upper	
93	100		
66	50.4	30.8	46.2#
65	25.2	16.0	24.0#





#7

Phenol-d6

Concen: 124.577 ng

RT: 6.50 min Scan# 632

Delta R.T. 0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tot Ion	99	Resp	1534111
Ion	Ratio	Lower	Upper
99	100		
42	24.4	11.0	16.4#
71	61.9	23.4	35.2#

Instrument :

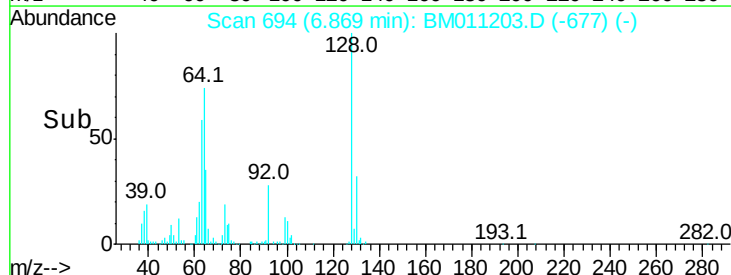
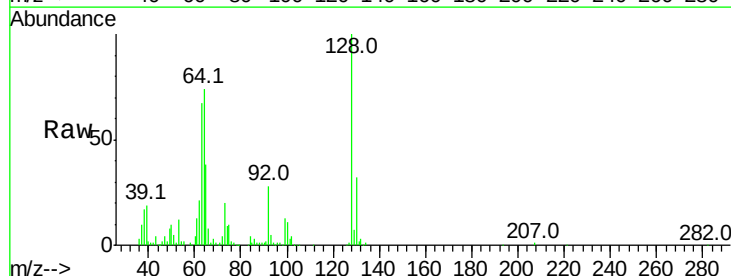
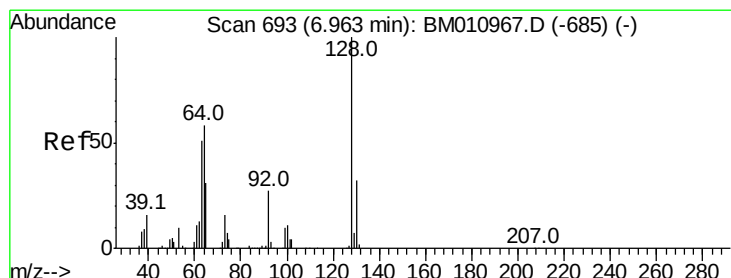
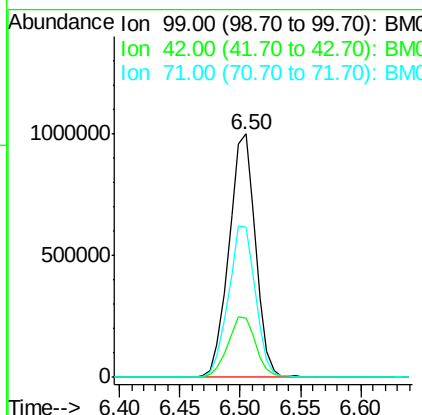
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#8

2-Chlorophenol

Concen: 39.734 ng

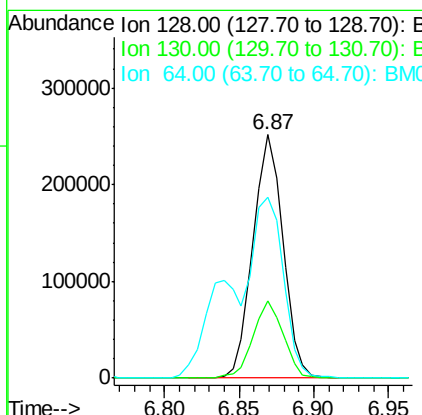
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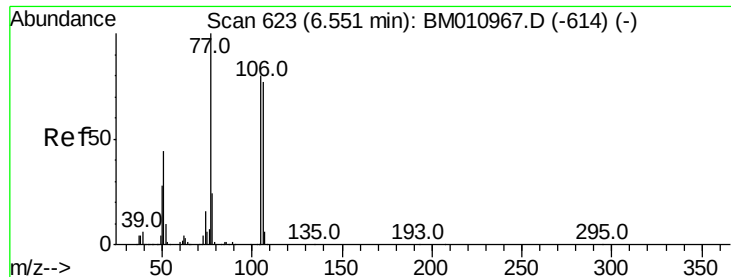
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion	128	Resp	349644
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.0	52.0
64	74.0	24.9	64.9#





#9

Benzaldehyde

Concen: 22.732 ng

RT: 6.46 min Scan# 624

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

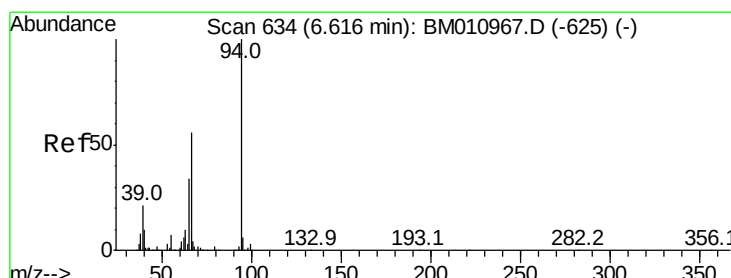
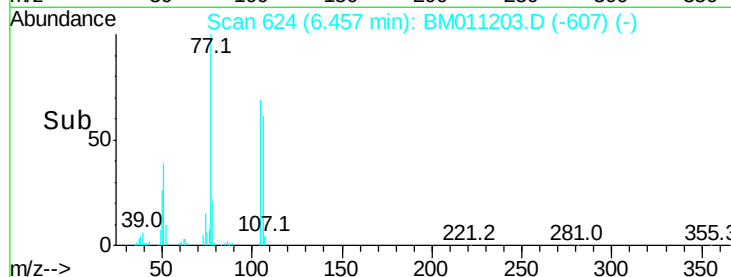
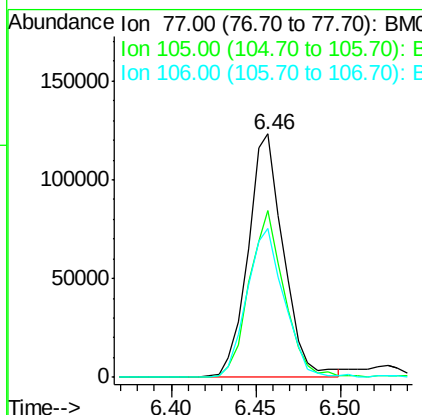
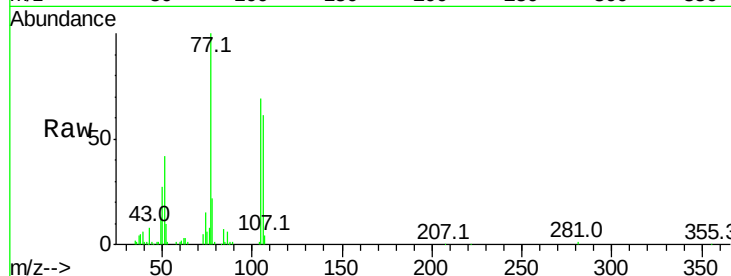
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		181122		
105	68.8	78.8	118.8#		
106	61.4	73.7	113.7#		

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#10

Phenol

Concen: 38.690 ng

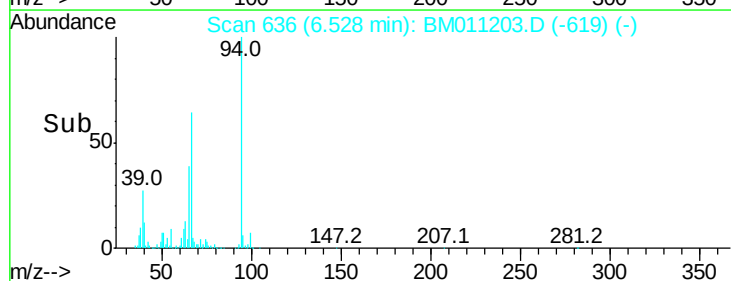
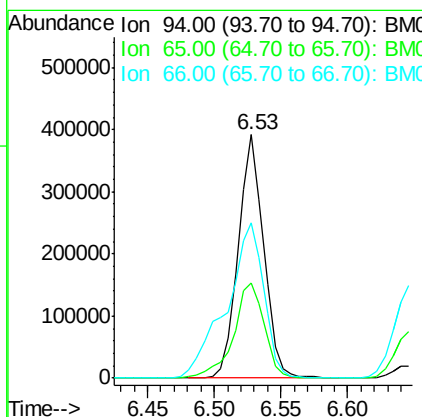
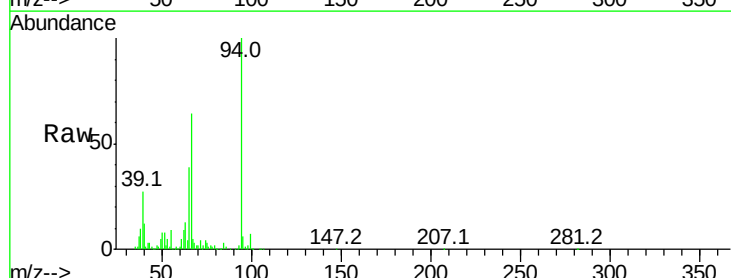
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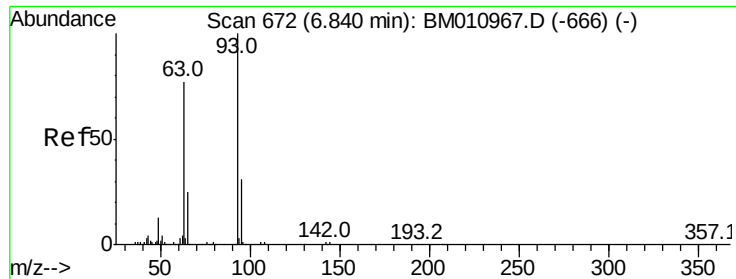
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		517508		
65	39.0	18.8	58.8		
66	63.8	39.9	79.9		





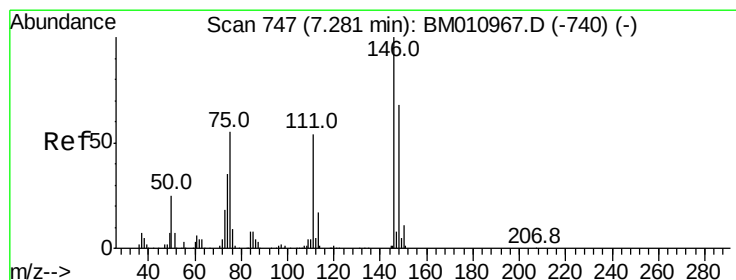
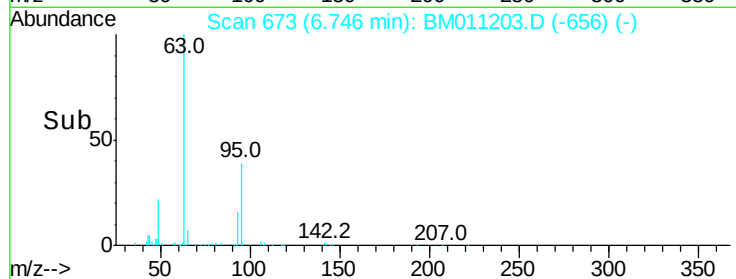
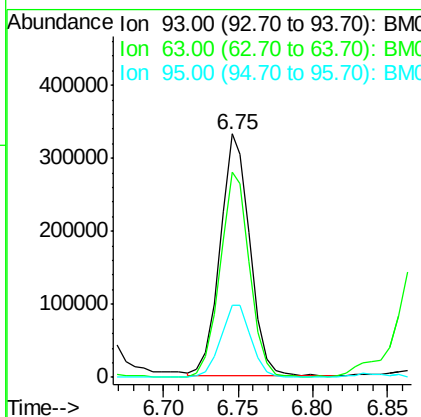
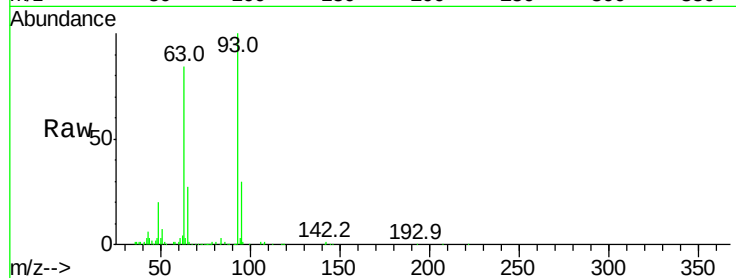
#11
bis(2-Chloroethyl)ether
Concen: 44.272 ng
RT: 6.75 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	461403		
63	84.5	49.5	89.5	
95	29.7	13.5	53.5	

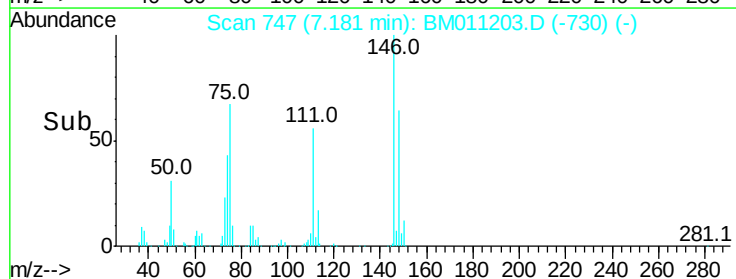
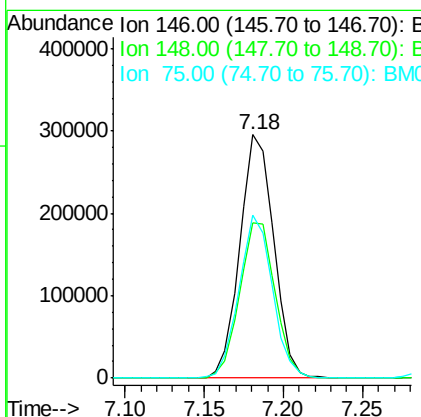
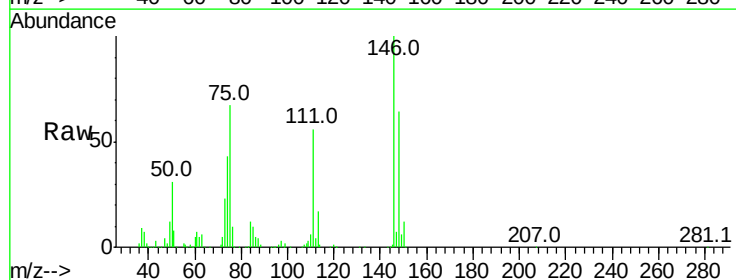
Manual Integrations
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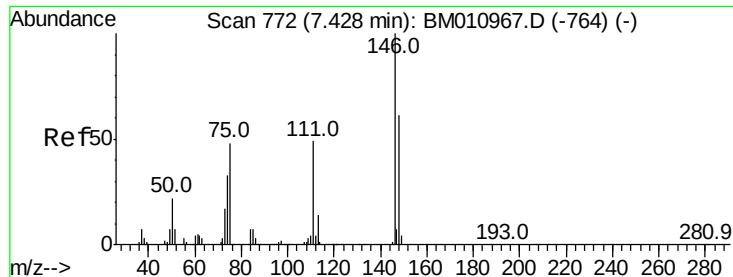
sohil
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#12
1,3-Dichlorobenzene
Concen: 41.063 ng
RT: 7.18 min Scan# 747
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	440370		
148	63.8	50.9	76.3	
75	66.8	21.4	32.2	





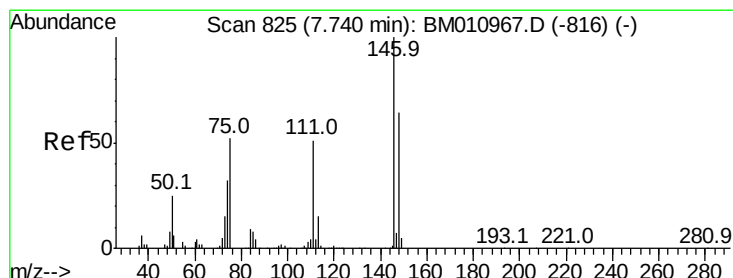
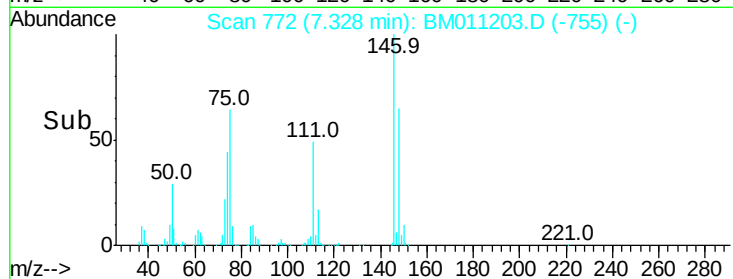
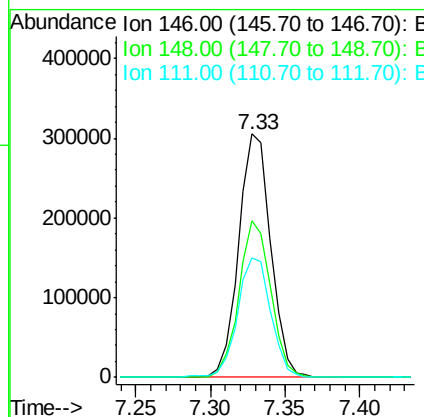
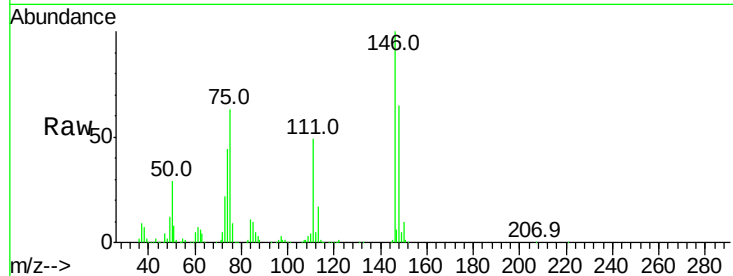
#13
1,4-Dichlorobenzene
Concen: 41.311 ng
RT: 7.33 min Scan# 772
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	49.0	29.2	43.8

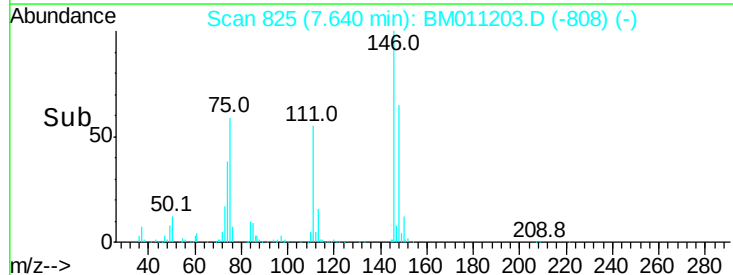
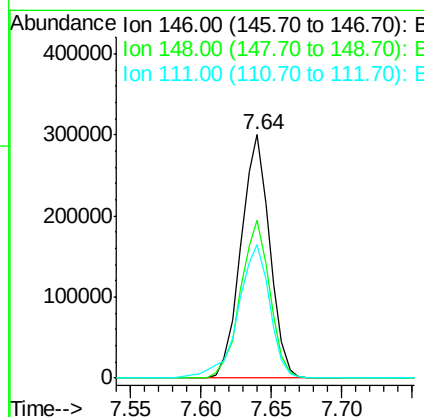
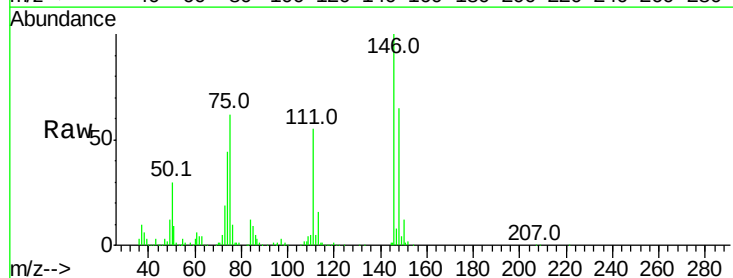
Manual Integrations
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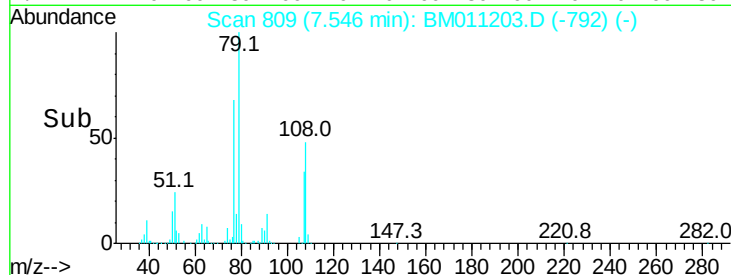
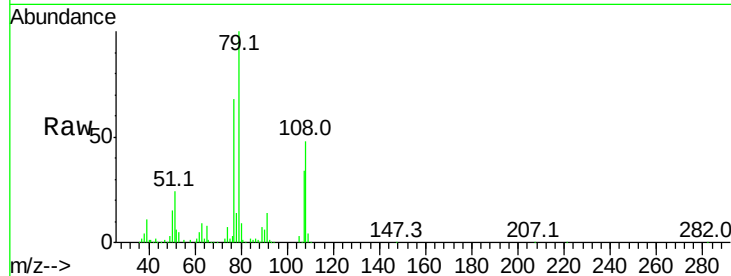
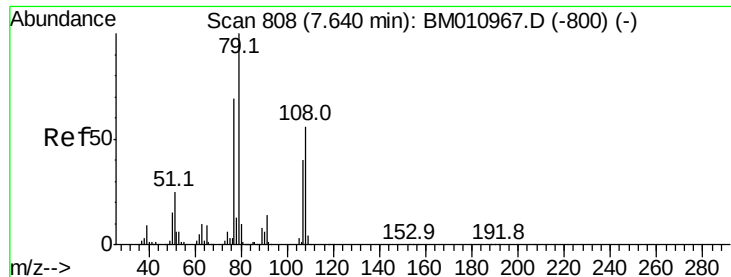
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#14
1,2-Dichlorobenzene
Concen: 40.500 ng
RT: 7.64 min Scan# 825
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	55.1	30.6	45.8





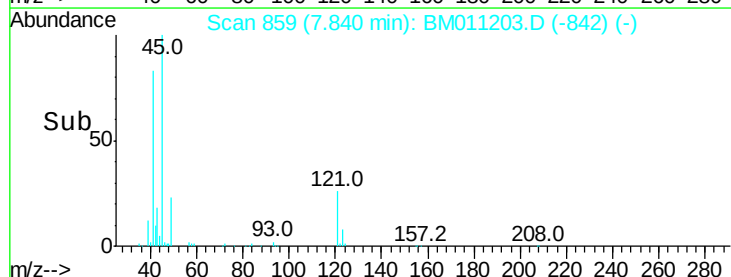
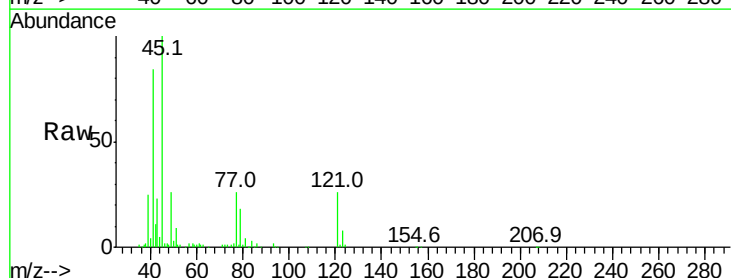
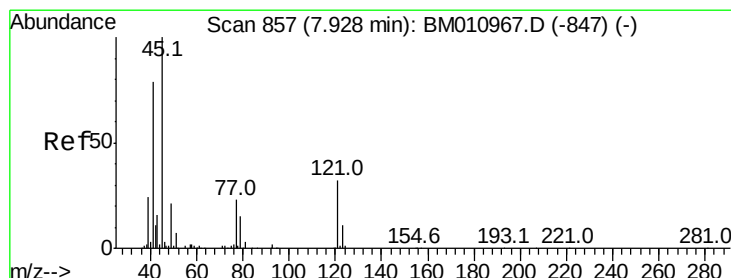
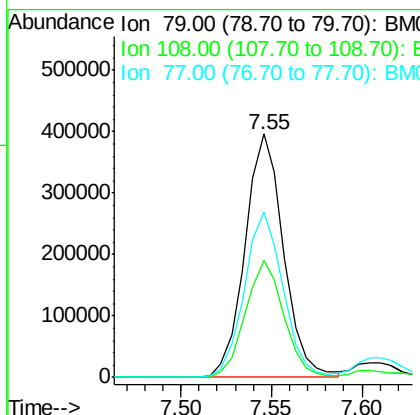
#15
Benzyl Alcohol
Concen: 49.491 ng
RT: 7.55 min Scan# 809
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	48.0	65.0	97.4#	
77	67.7	53.0	79.6	

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

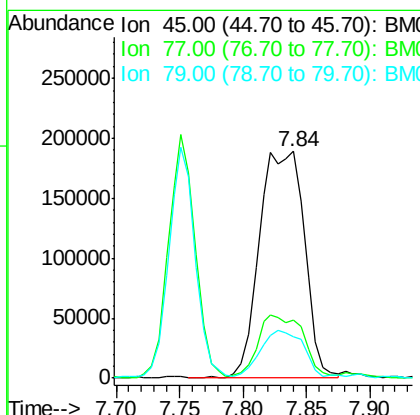
Manual Integrations
APPROVED

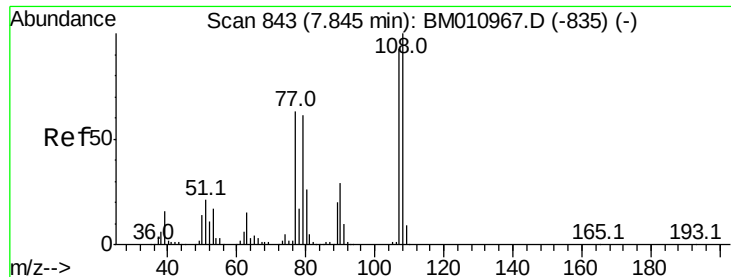
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.270 ng
RT: 7.84 min Scan# 859
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.7	0.0	35.2	
79	18.3	0.0	32.0	





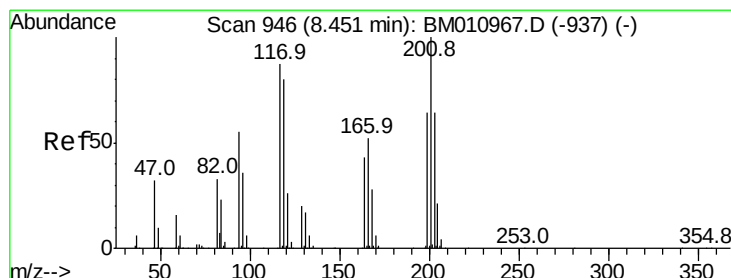
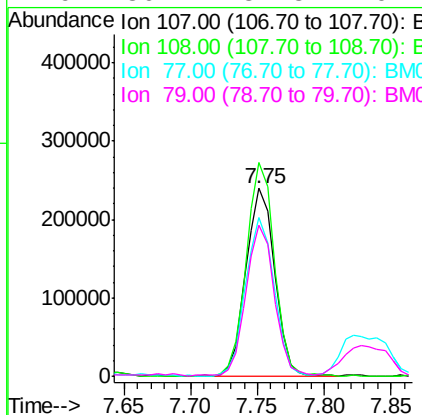
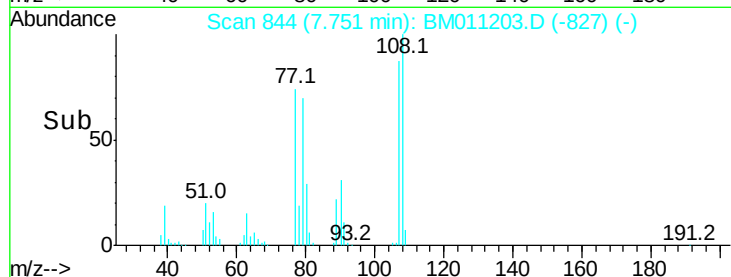
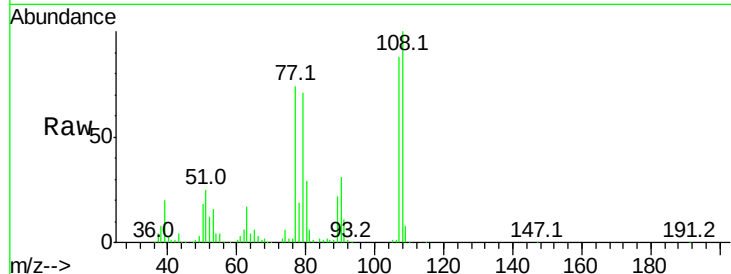
#17
2-Methylphenol
Concen: 41.655 ng
RT: 7.75 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	89.8	134.8	
77	84.7	32.6	48.8#	
79	80.4	32.8	49.2#	

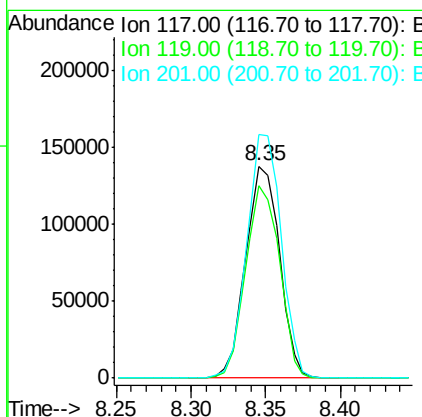
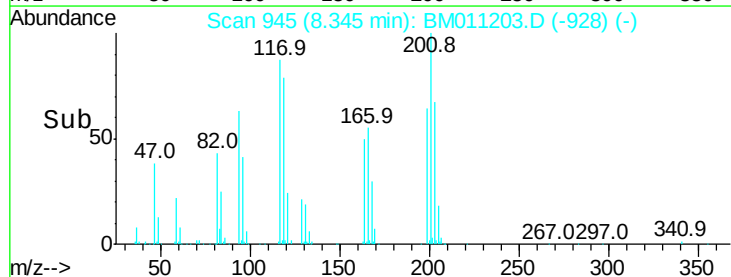
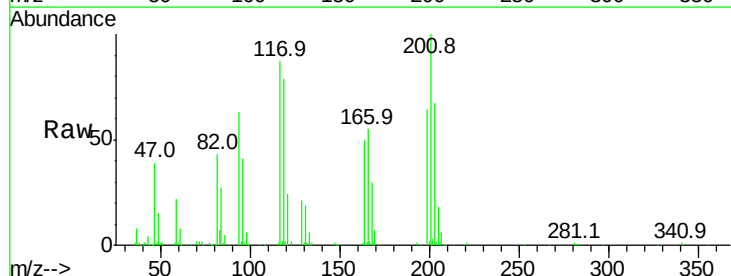
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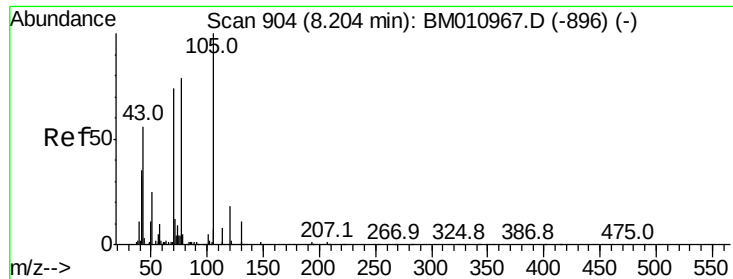
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#18
Hexachloroethane
Concen: 45.212 ng
RT: 8.35 min Scan# 945
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.6	79.2	118.8	
201	115.0	69.8	104.6#	





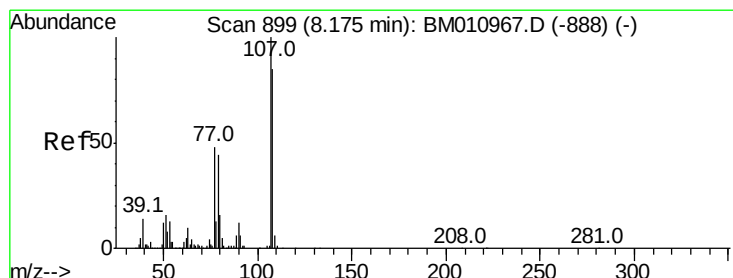
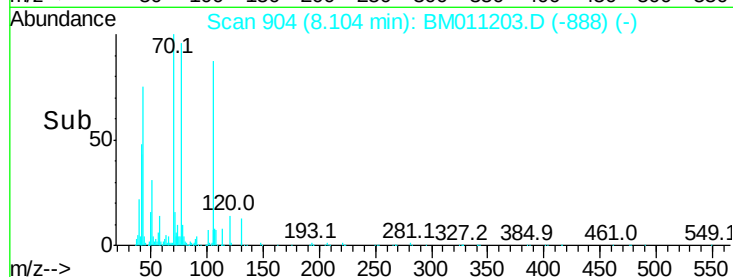
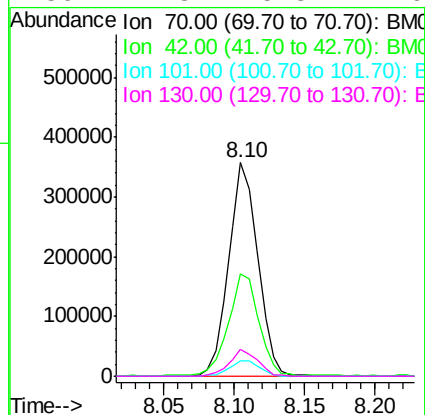
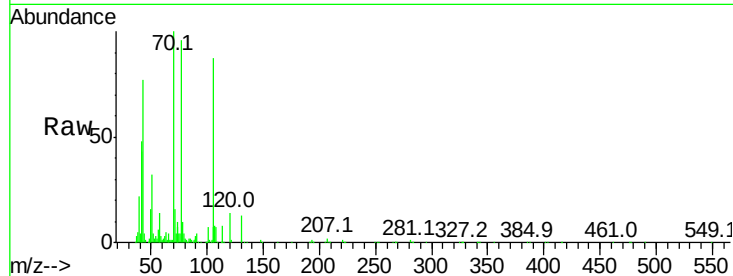
#19
n-Nitroso-di-n-propylamine
Concen: 49.119 ng
RT: 8.10 min Scan# 904
Delta R.T. -0.01 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.2	44.5	66.7		
101	7.2	7.4	11.2#		
130	12.8	15.3	22.9#		

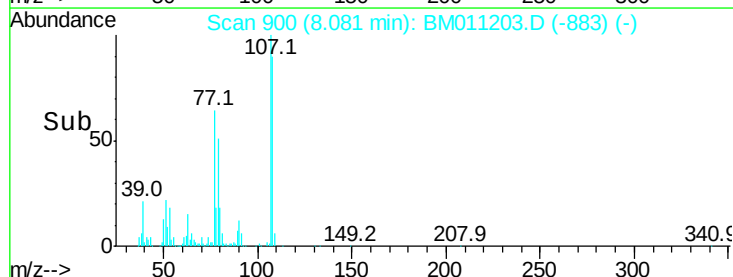
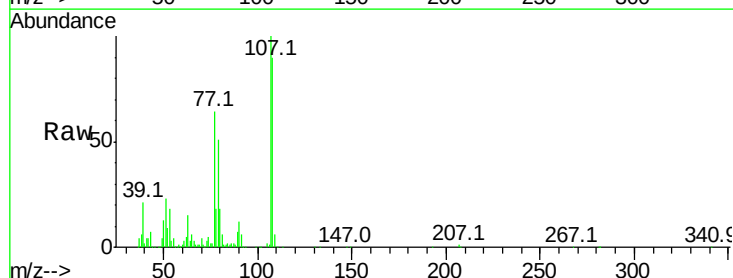
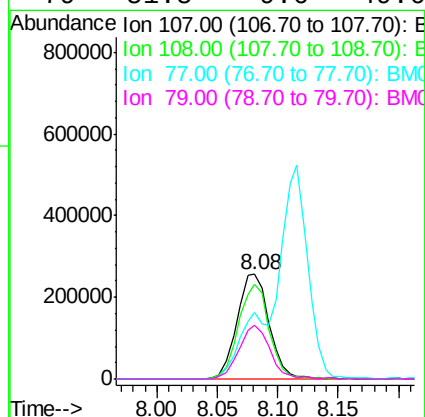
Manual Integrations
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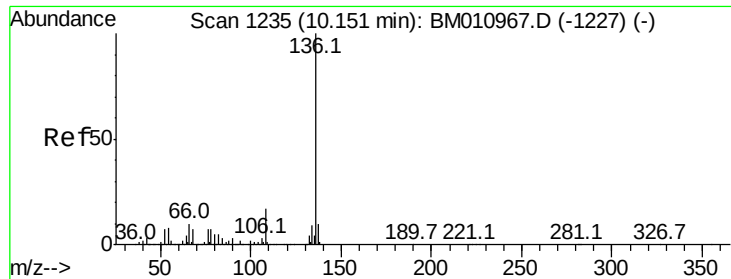
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#20
3+4-Methylphenols
Concen: 40.258 ng
RT: 8.08 min Scan# 900
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	73.2	113.2		
77	63.6	10.7	50.7#		
79	51.5	9.6	49.6#		





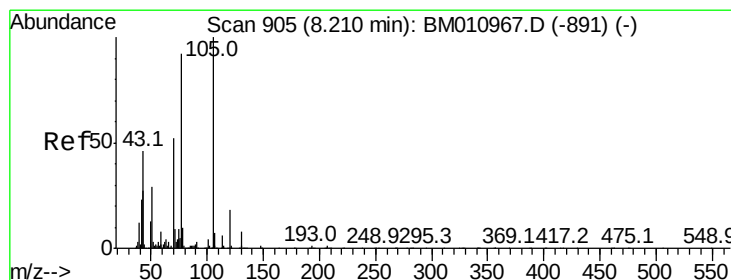
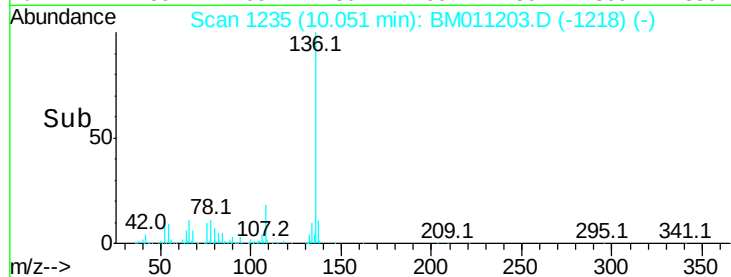
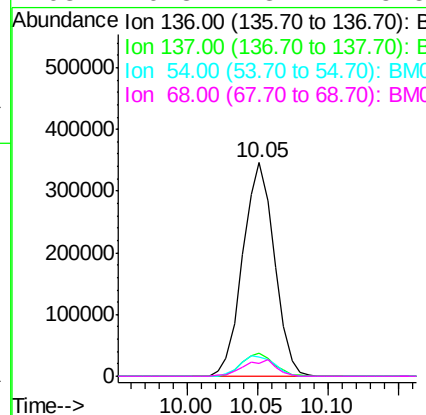
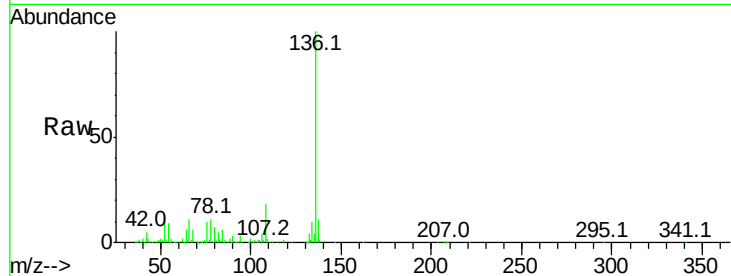
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.05 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.7	13.1	
54	9.2	4.6	6.8#	
68	6.3	3.7	5.5#	

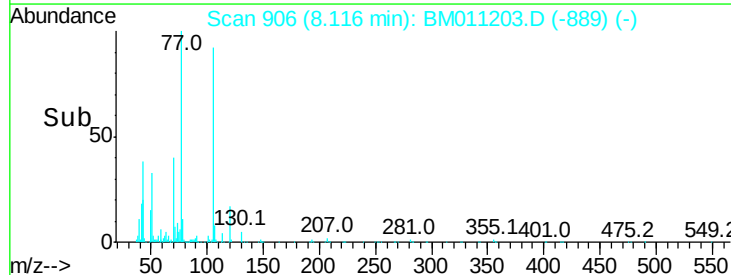
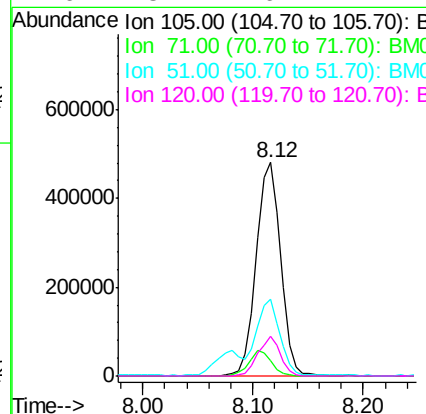
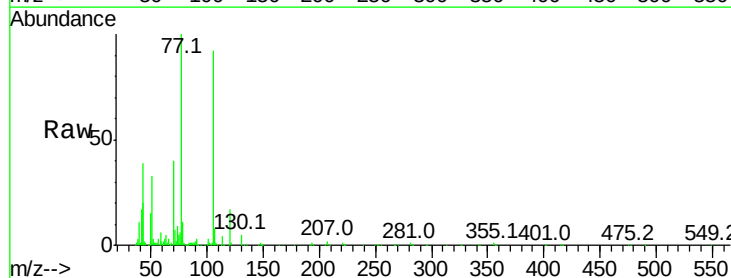
Manual Integrations
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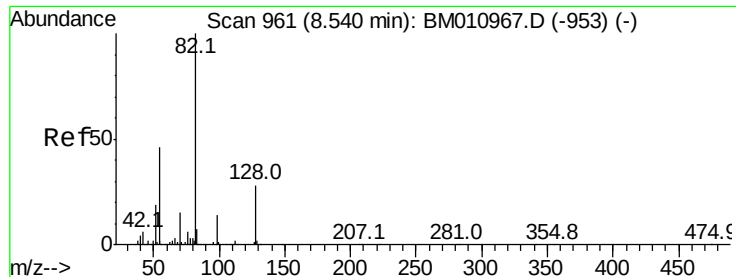
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#22
Acetophenone
Concen: 46.262 ng
RT: 8.12 min Scan# 906
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	0.6	1.0#	
51	35.7	21.6	32.4#	
120	18.4	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 106.656 ng

RT: 8.45 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

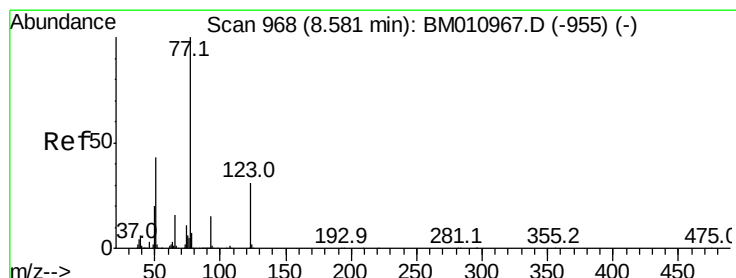
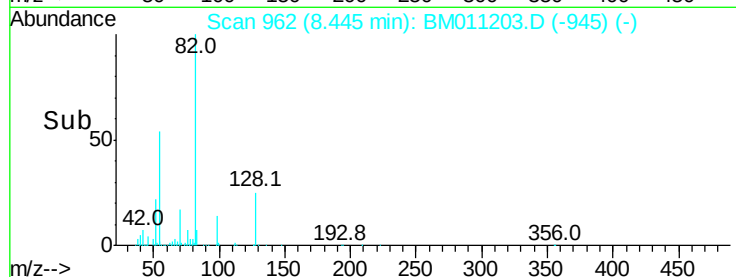
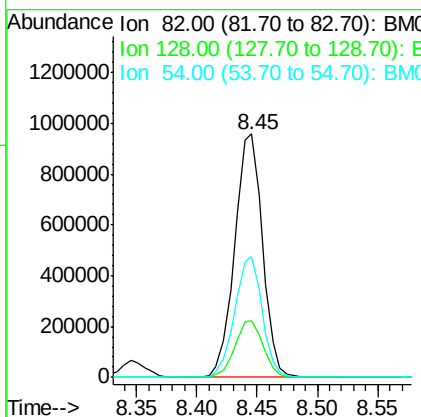
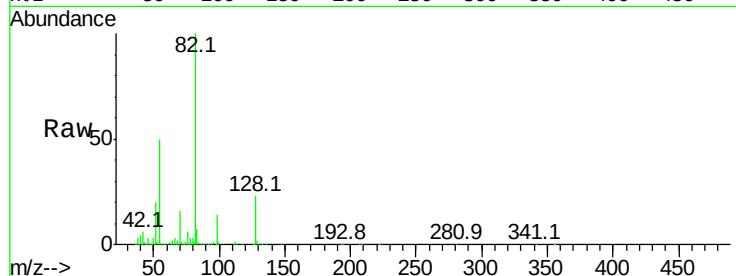
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:	82	Resp:	1541363
Ion Ratio	Lower	Upper	
82	100		
128	23.5	32.8	49.2#
54	49.9	40.6	60.8

Manual Integrations
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#24

Nitrobenzene

Concen: 51.081 ng

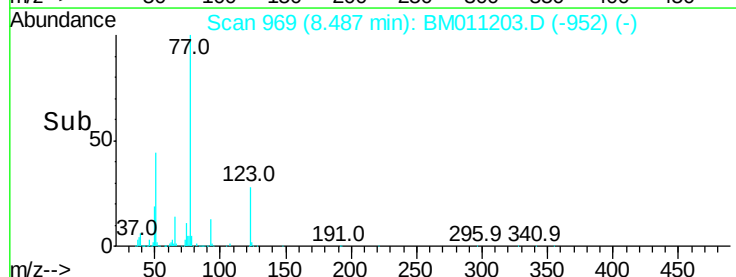
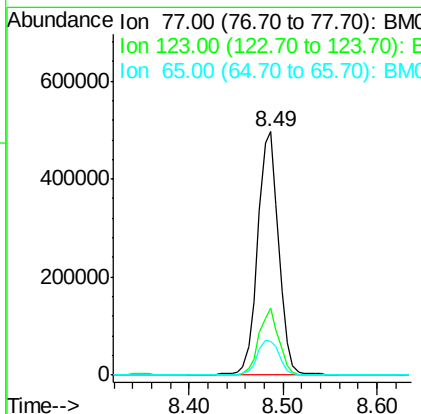
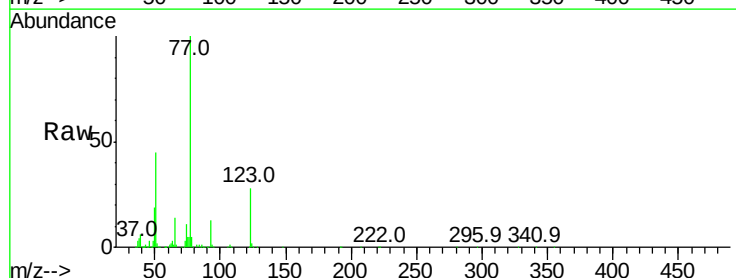
RT: 8.49 min Scan# 969

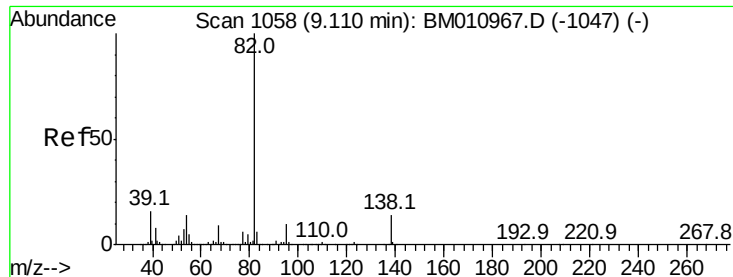
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion:	77	Resp:	764968
Ion Ratio	Lower	Upper	
77	100		
123	27.6	32.6	49.0#
65	13.7	10.9	16.3





#25

Isophorone

Concen: 50.190 ng

RT: 9.00 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

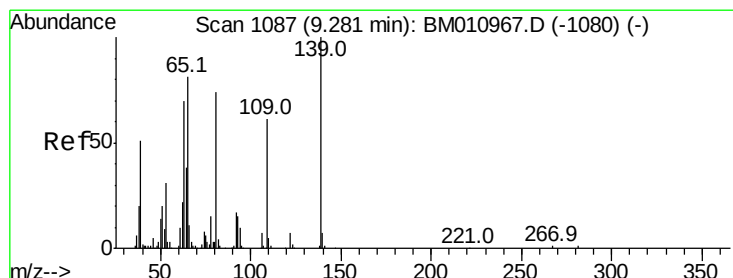
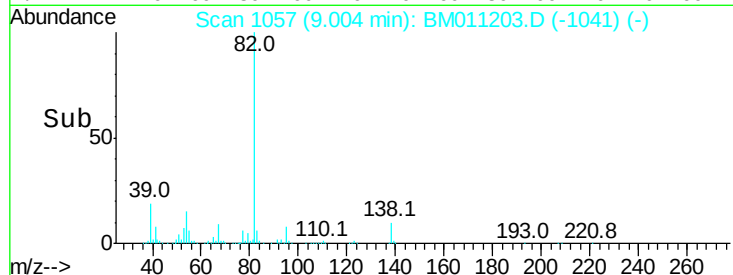
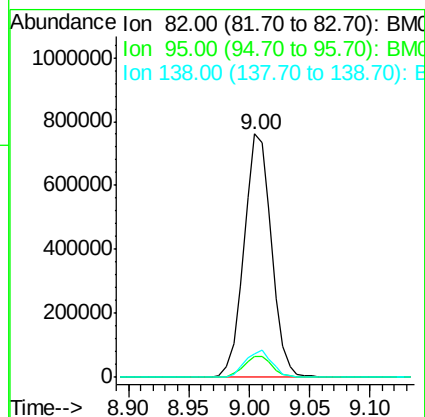
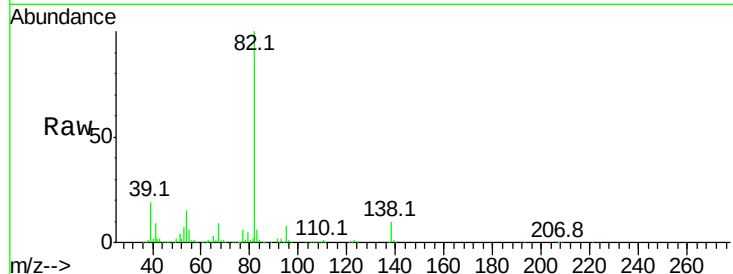
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion	82	Resp	1209379
Ion	Ratio	Lower	Upper
82	100		
95	8.5	5.8	8.6
138	9.7	16.3	24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.319 ng

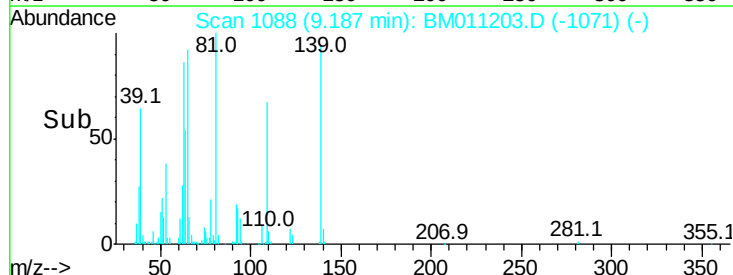
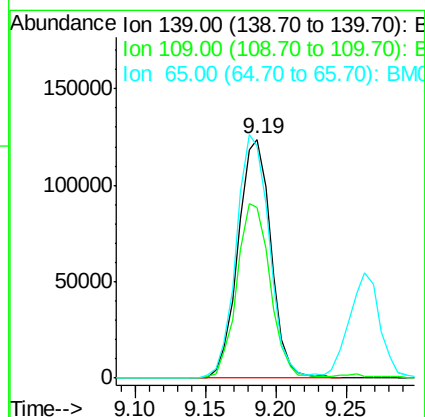
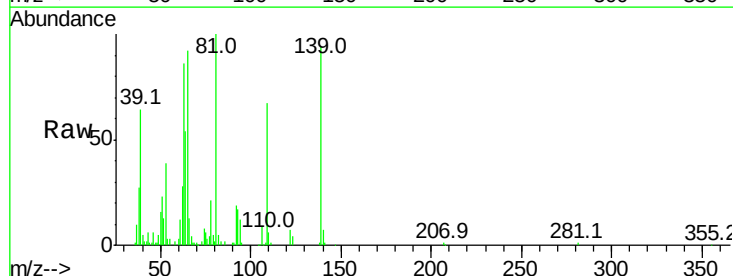
RT: 9.19 min Scan# 1088

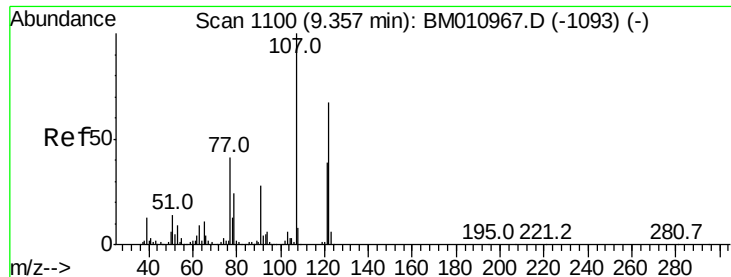
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion	139	Resp	201650
Ion	Ratio	Lower	Upper
139	100		
109	71.5	20.1	30.1#
65	97.0	31.5	47.3#





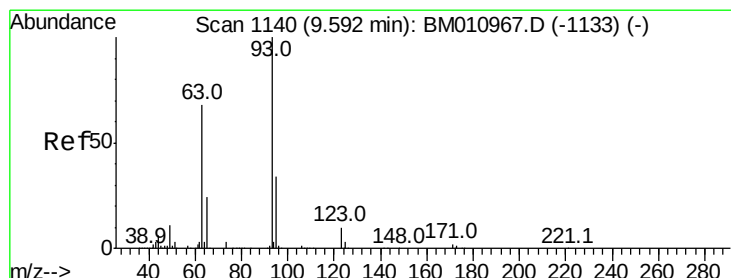
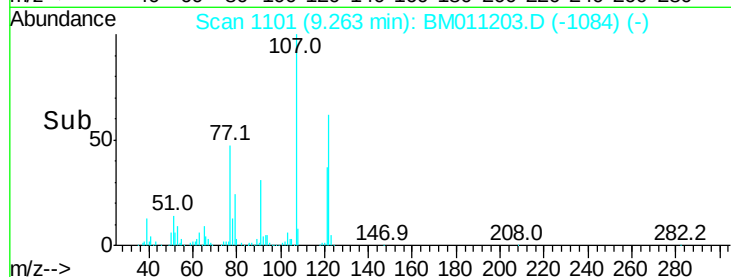
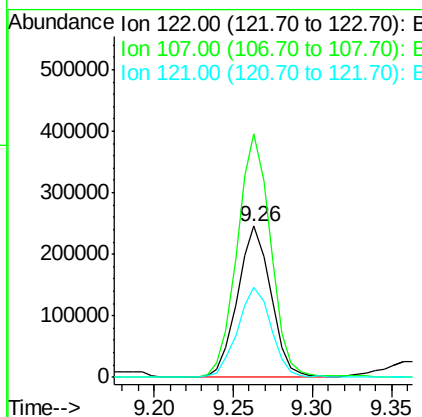
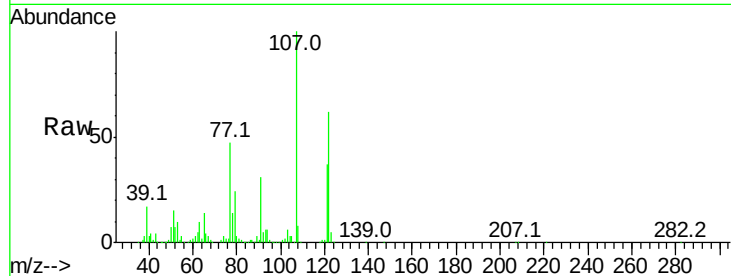
#27
 2,4-Dimethylphenol
 Concen: 43.089 ng
 RT: 9.26 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	361445		
107	161.3	84.7	127.1#	
121	60.0	46.6	69.8	

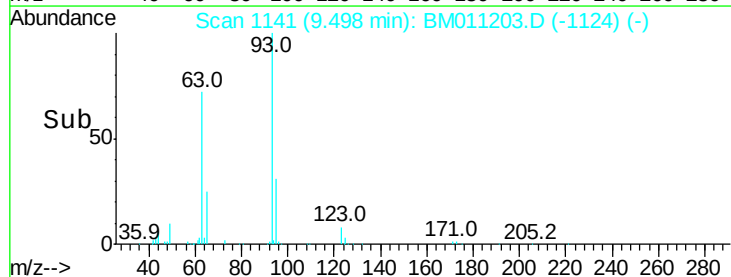
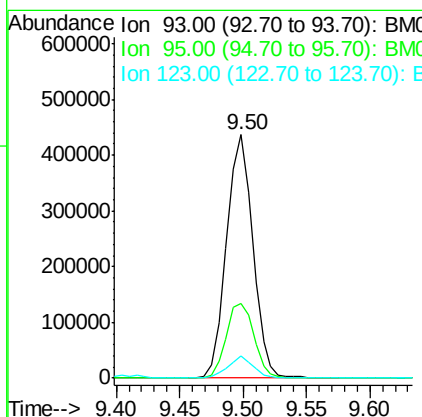
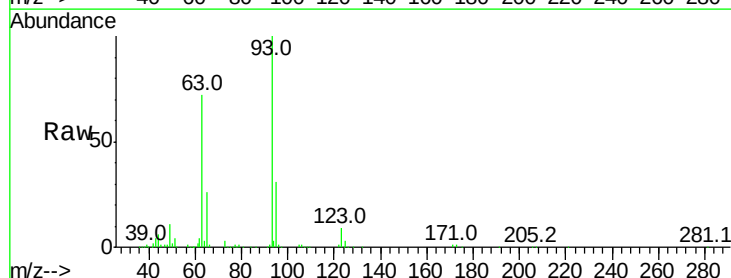
Manual Integrations
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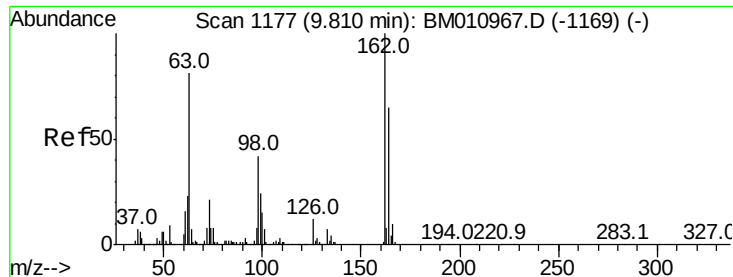
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.855 ng
 RT: 9.50 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	629693		
95	30.7	25.5	38.3	
123	9.2	8.6	13.0	





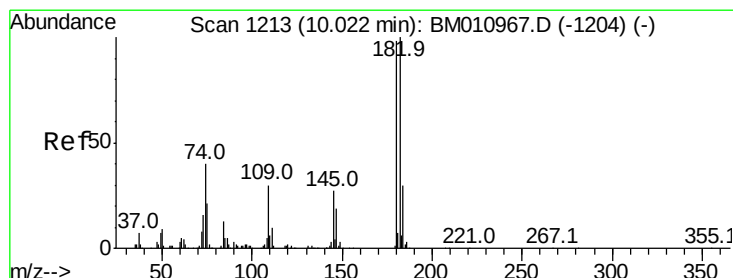
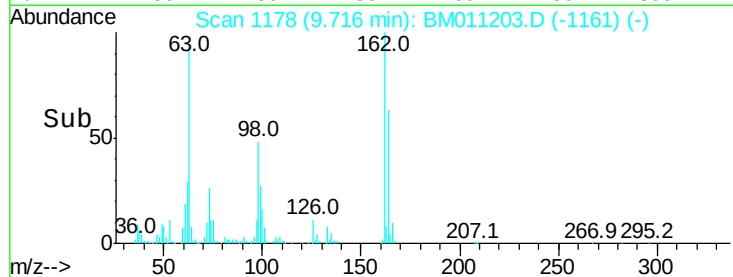
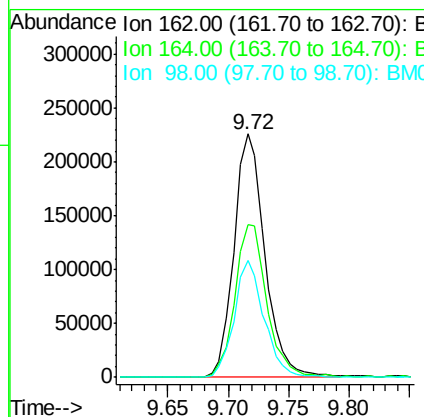
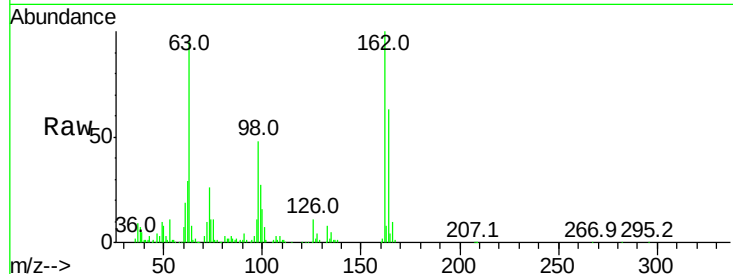
#29
2,4-Dichlorophenol
Concen: 42.755 ng
RT: 9.72 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.6	42.8	82.8
98	48.0	14.5	54.5

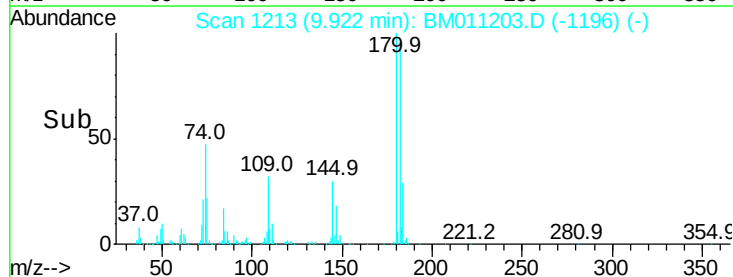
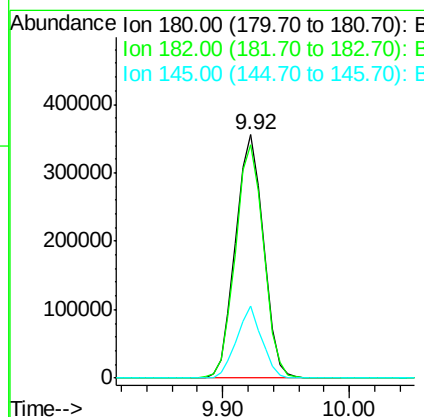
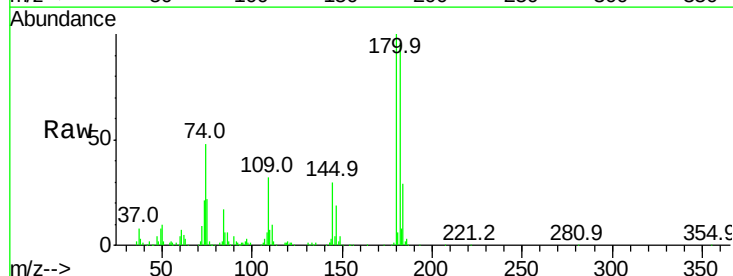
Manual Integrations
APPROVED

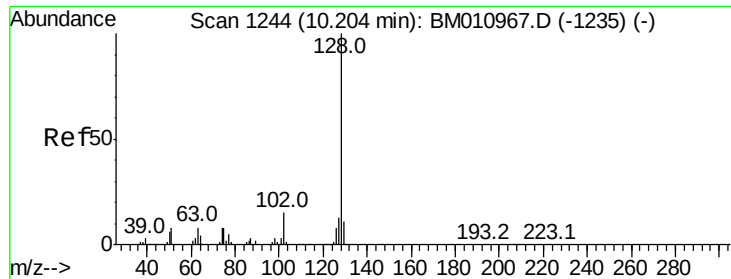
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#30
1,2,4-Trichlorobenzene
Concen: 46.542 ng
RT: 9.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	77.6	116.4
145	29.7	23.4	35.2





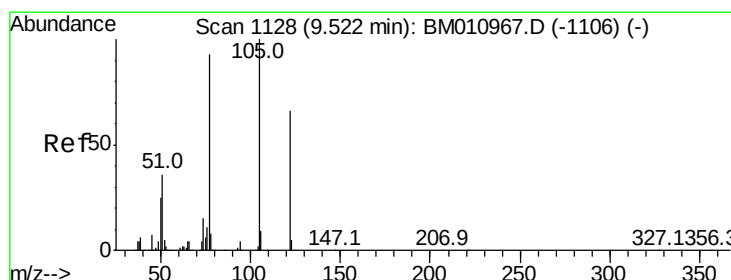
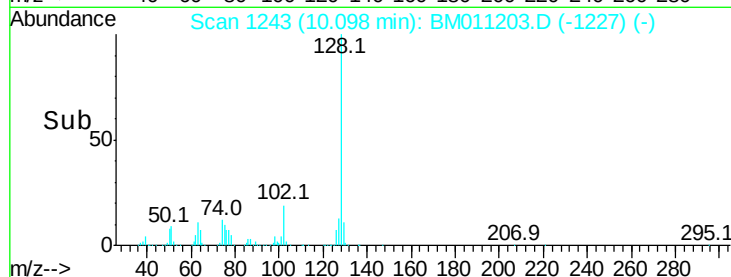
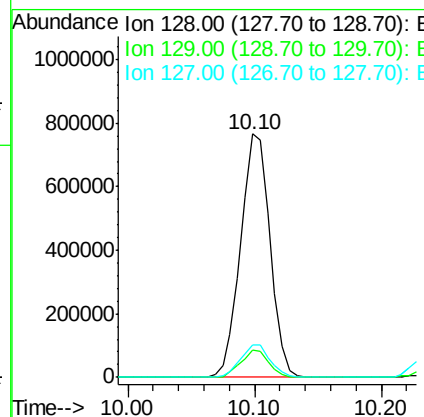
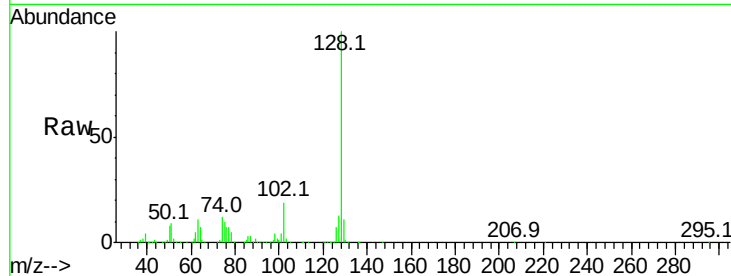
#31
Naphthalene
Concen: 45.066 ng
RT: 10.10 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.4	15.6

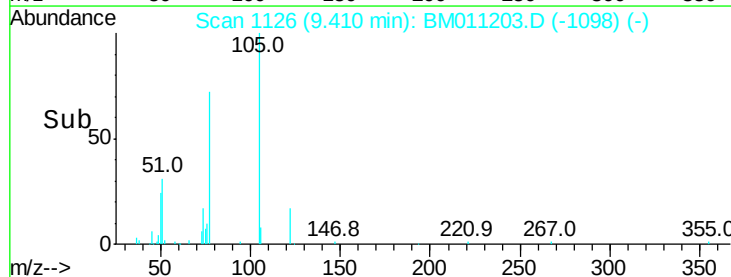
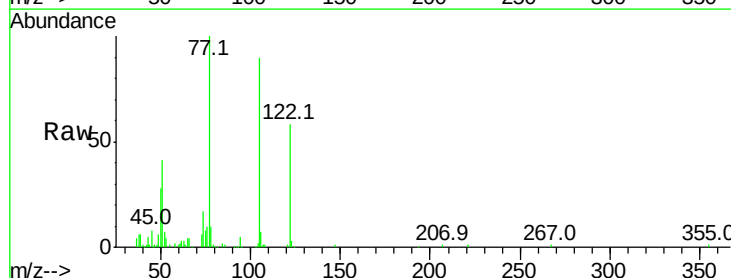
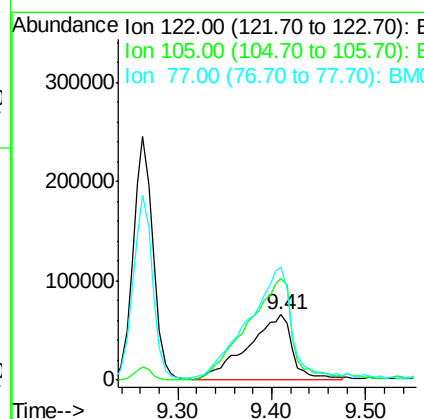
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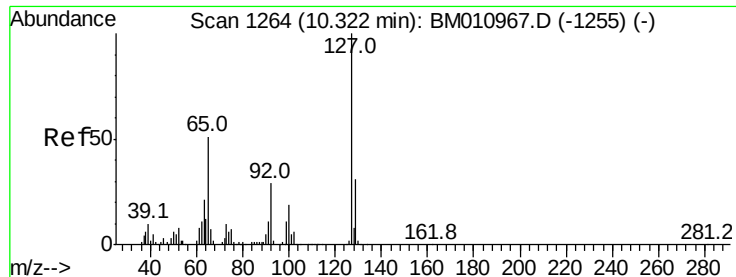
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#32
Benzoic acid
Concen: 31.628 ng
RT: 9.41 min Scan# 1126
Delta R.T. -0.04 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	156.1	99.9	139.9#
77	173.0	73.7	113.7#





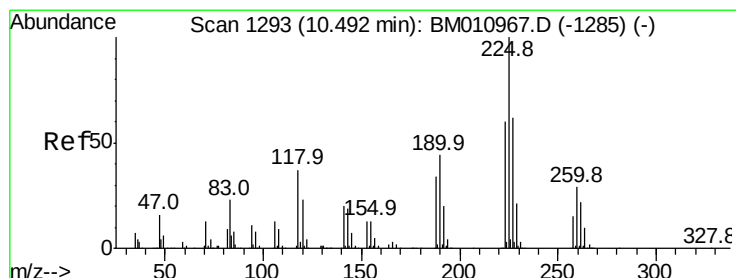
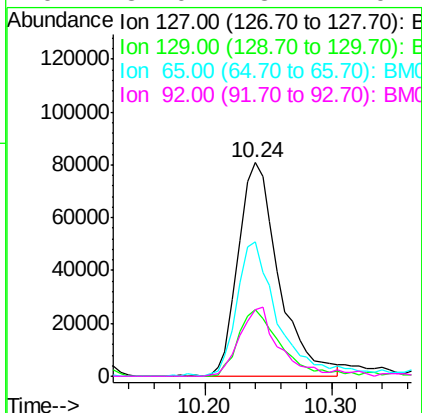
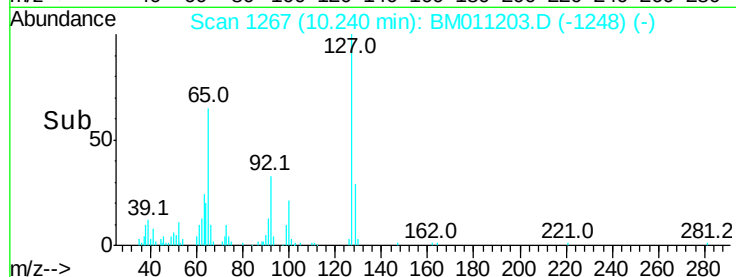
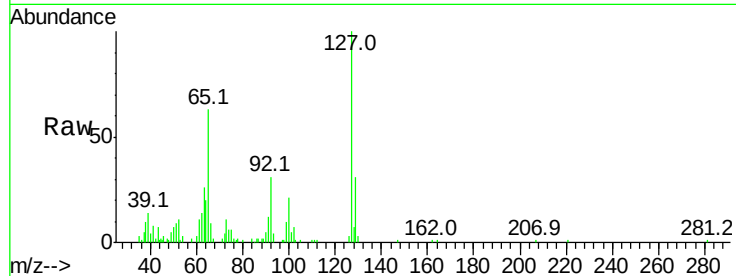
#33
4-Chloroaniline
Concen: 16.582 ng
RT: 10.24 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	25.3	37.9		
65	63.1	17.6	26.4		
92	31.0	13.1	19.7		

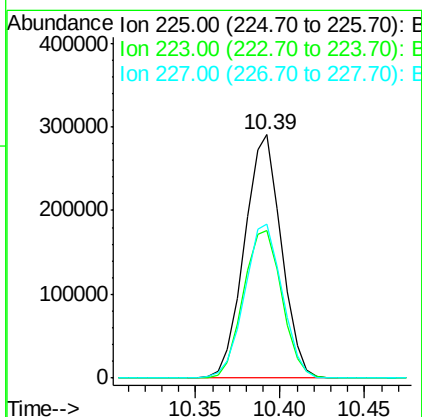
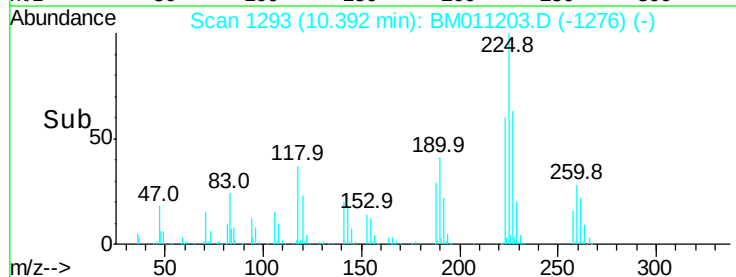
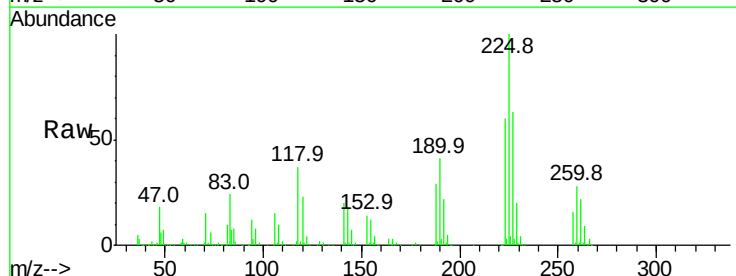
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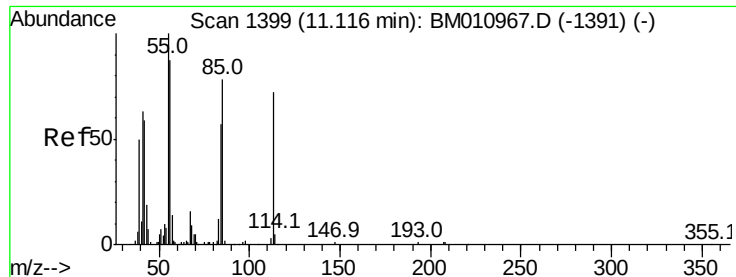
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#34
Hexachlorobutadiene
Concen: 48.135 ng
RT: 10.39 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.4	47.9	71.9		
227	63.2	50.1	75.1		





#35

Caprolactam

Concen: 38.895 ng/mL

RT: 11.03 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

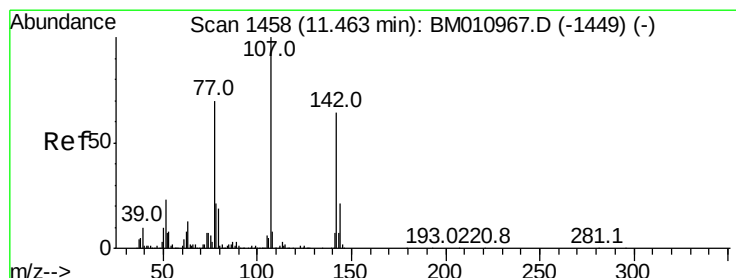
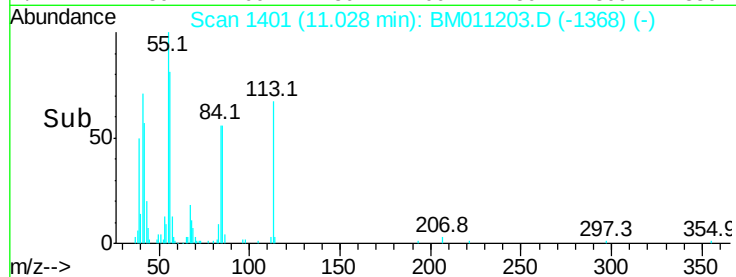
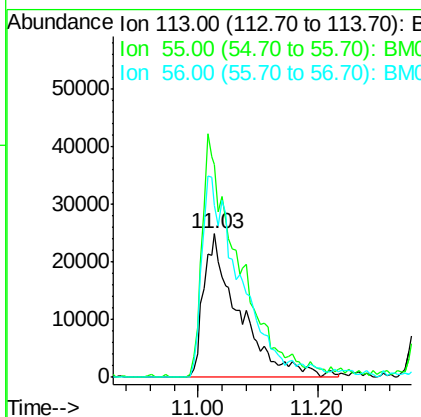
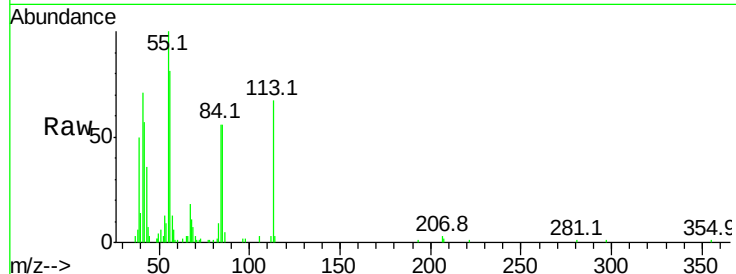
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:	113	Resp:	103969
Ion Ratio	Lower	Upper	
113	100		
55	148.9	145.9	185.9
56	119.9	101.0	141.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 41.848 ng/mL

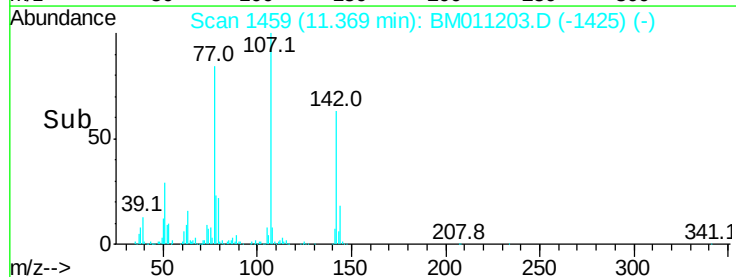
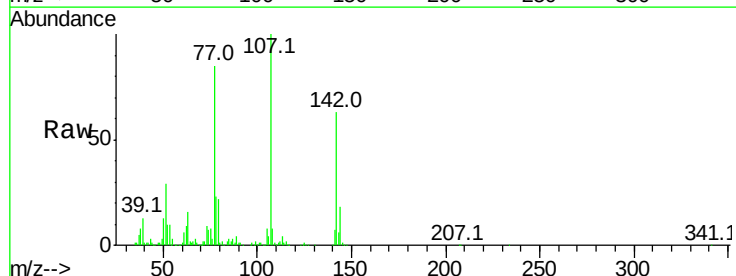
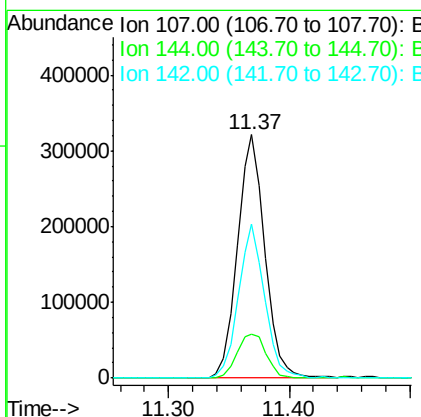
RT: 11.37 min Scan# 1459

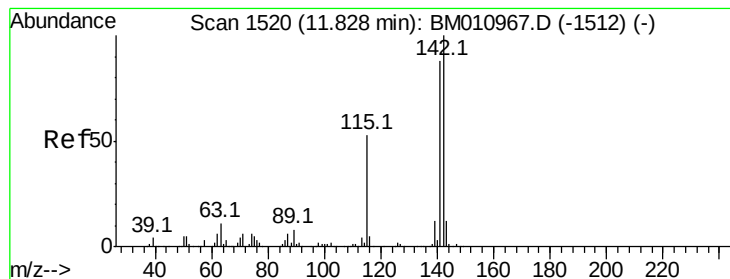
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion:	107	Resp:	509335
Ion Ratio	Lower	Upper	
107	100		
144	18.0	23.3	34.9#
142	63.1	72.6	109.0#





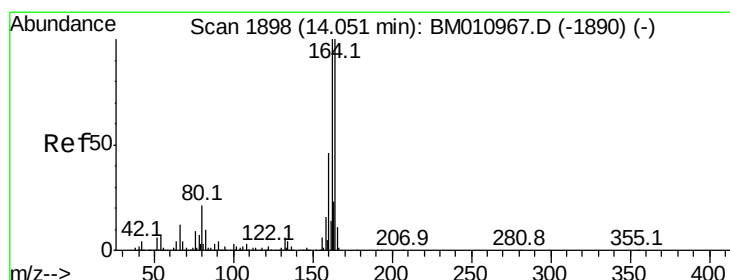
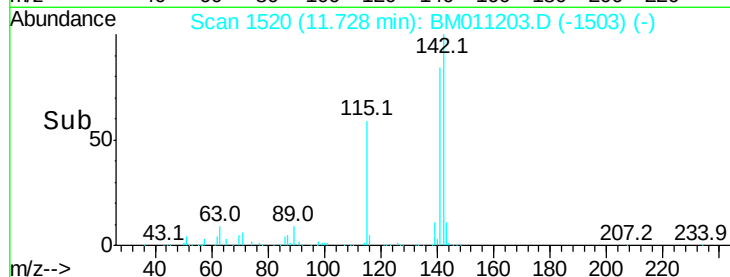
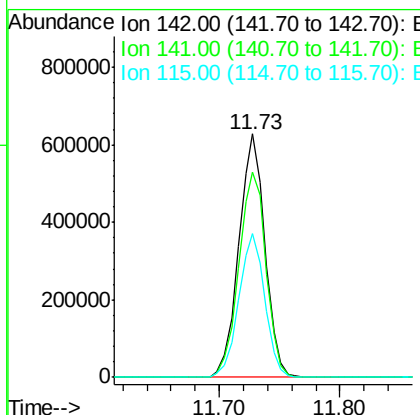
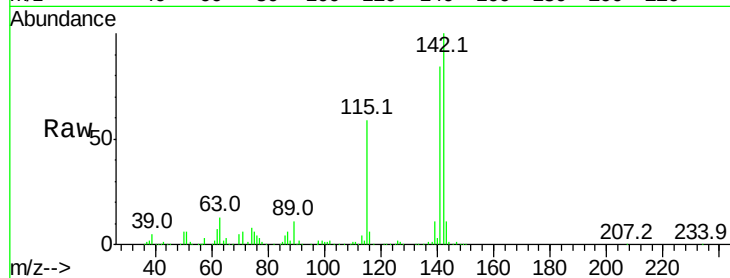
#37
2-Methylnaphthalene
Concen: 47.197 ng
RT: 11.73 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	946060		
141	84.4	71.9	107.9	
115	59.0	25.4	38.0	

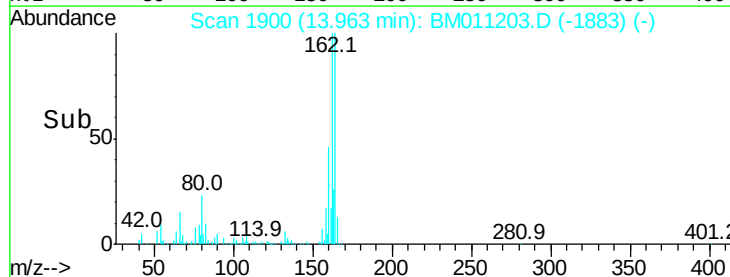
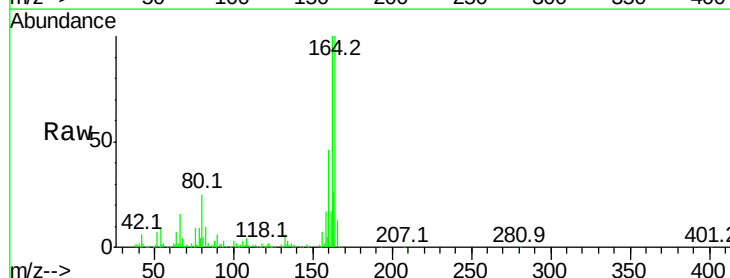
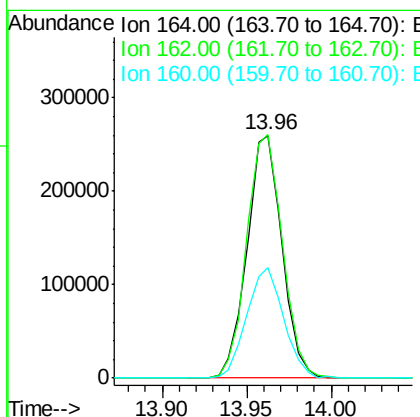
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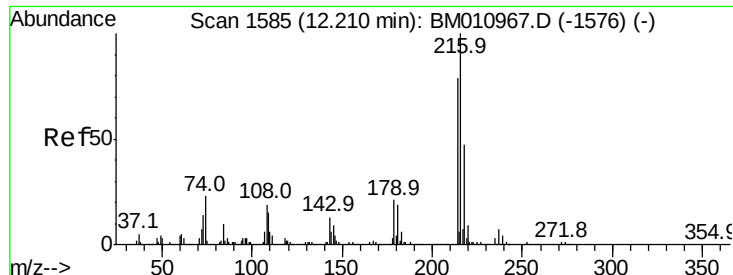
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	373451		
162	100.2	82.4	123.6	
160	45.6	35.8	53.6	





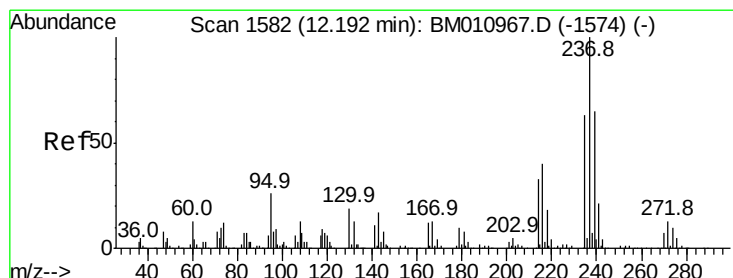
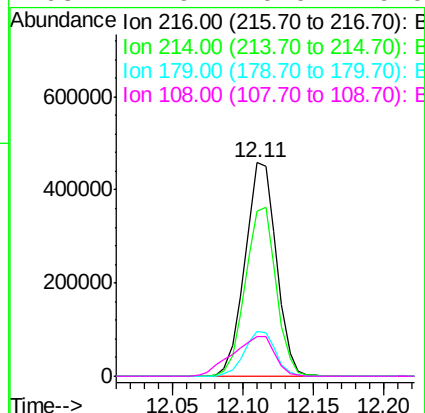
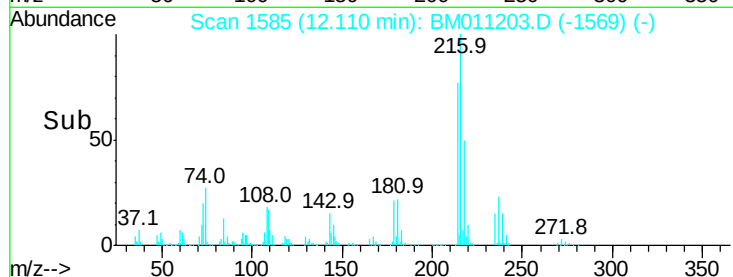
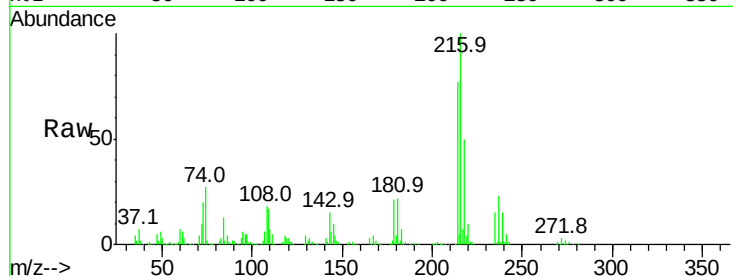
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.579 ng
 RT: 12.11 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.8	0.0	0.0#
179	20.9	0.0	0.0#
108	24.9	0.0	0.0#

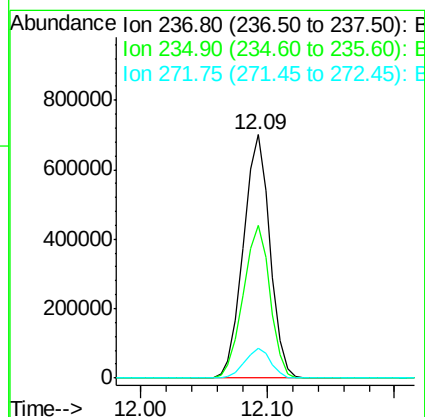
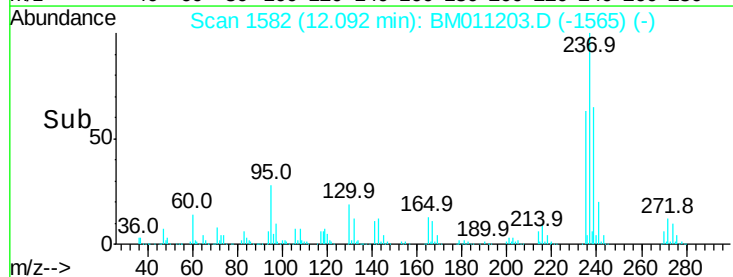
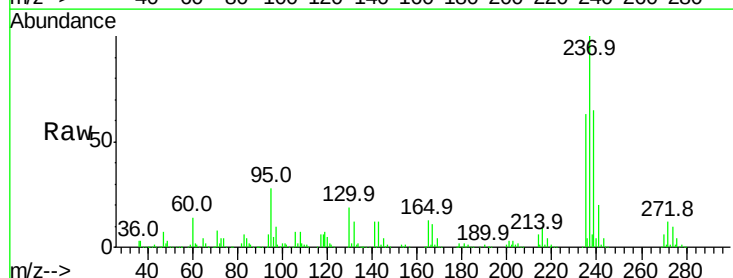
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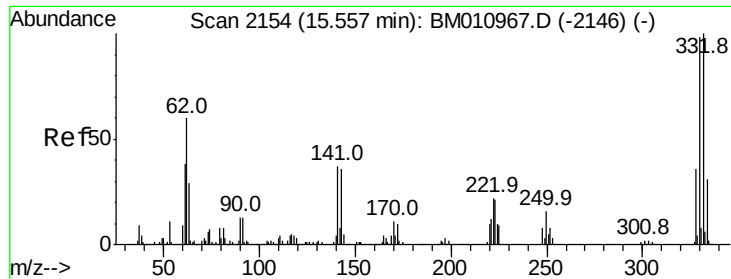
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#40
 Hexachlorocyclopentadiene
 Concen: 108.478 ng
 RT: 12.09 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	42.0	82.0
272	12.2	0.0	33.4





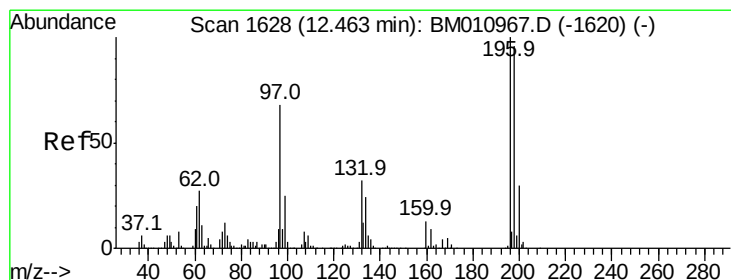
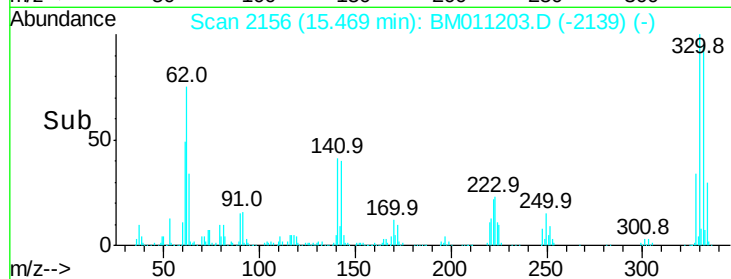
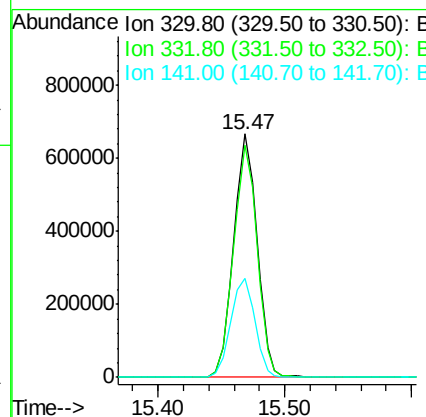
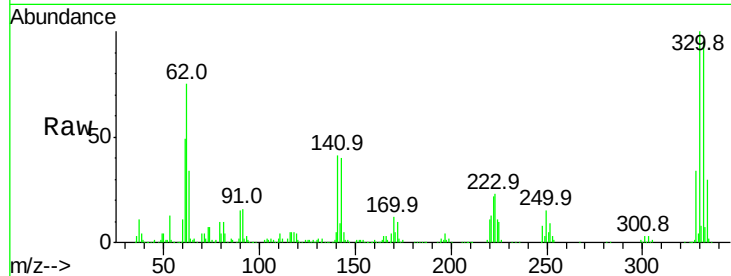
#41
 2,4,6-Tribromophenol
 Concen: 142.522 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	0.0	0.0	0.0
141	41.9	0.0	0.0	0.0

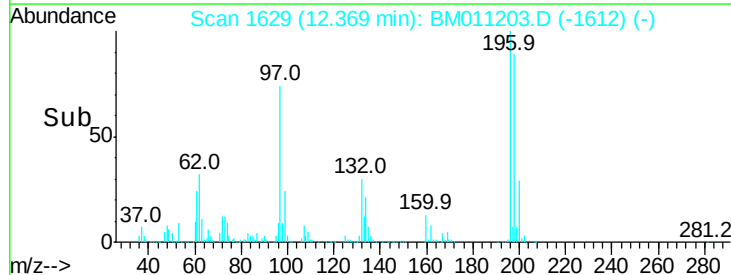
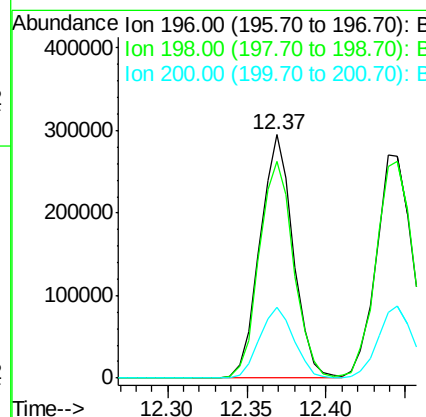
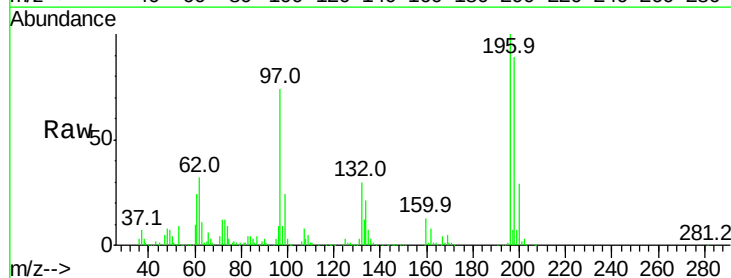
Manual Integrations
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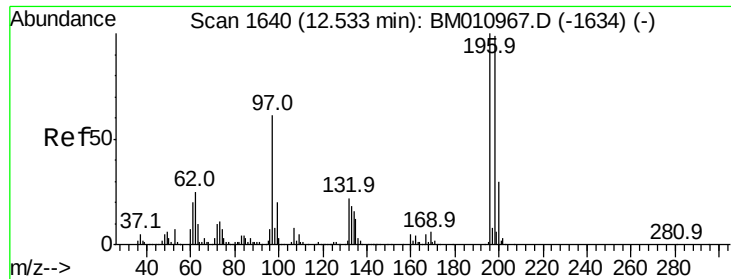
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#42
 2,4,6-Trichlorophenol
 Concen: 44.329 ng
 RT: 12.37 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	89.0	76.3	114.5	
200	29.3	25.6	38.4	





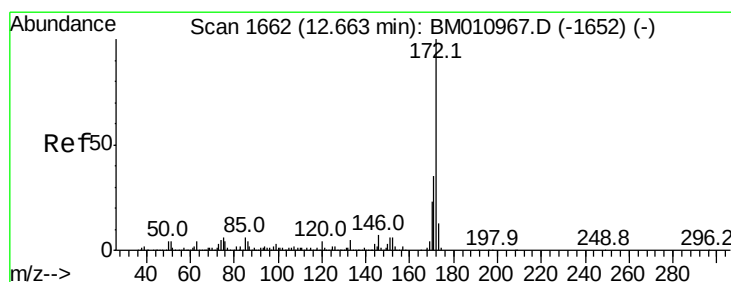
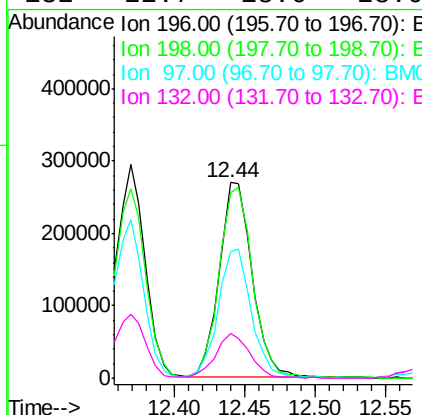
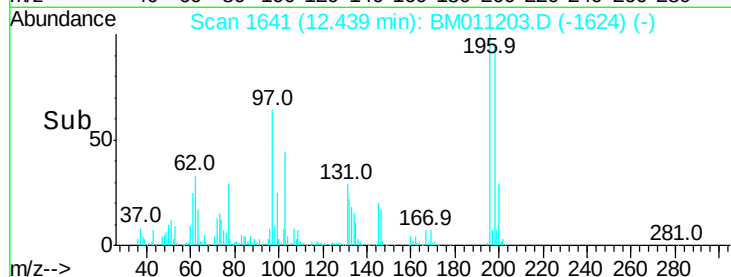
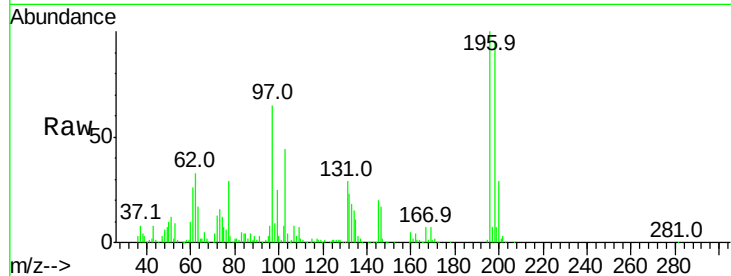
#43
 2,4,5-Trichlorophenol
 Concen: 43.835 ng
 RT: 12.44 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	196	Resp	438446
Ion Ratio	Lower	Upper	
196	100		
198	94.6	79.4	119.0
97	64.7	26.8	40.2#
132	22.7	18.6	28.0

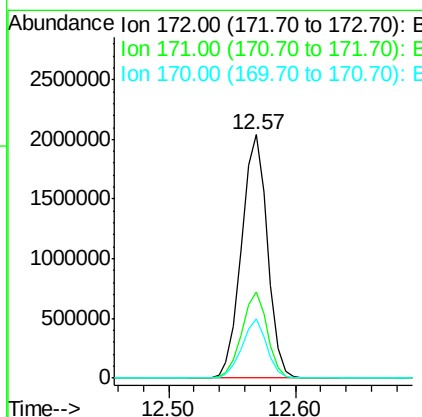
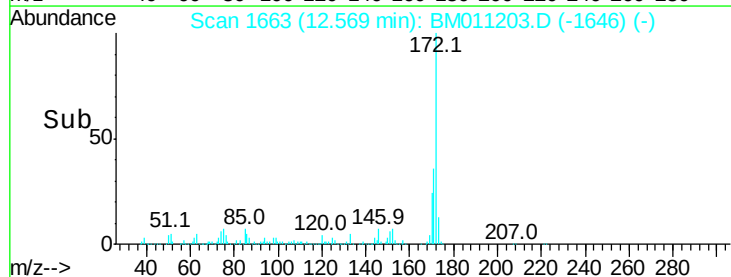
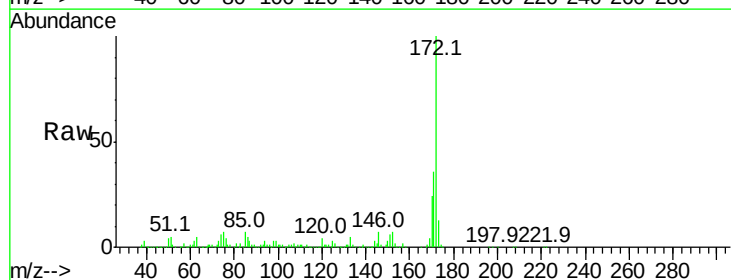
Manual Integrations
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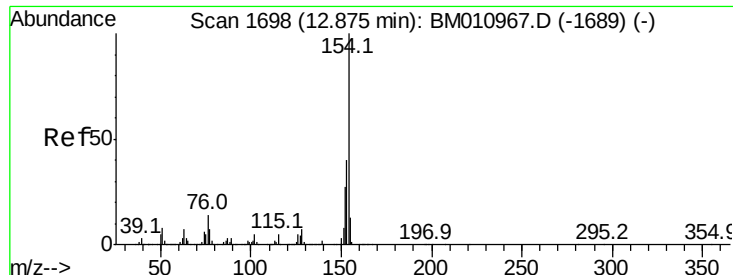
sohil
 8/14/2017 6:57:04 PM



#44
 2-Fluorobiphenyl
 Concen: 96.593 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	172	Resp	2876295
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.5	42.7
170	24.5	18.8	28.2





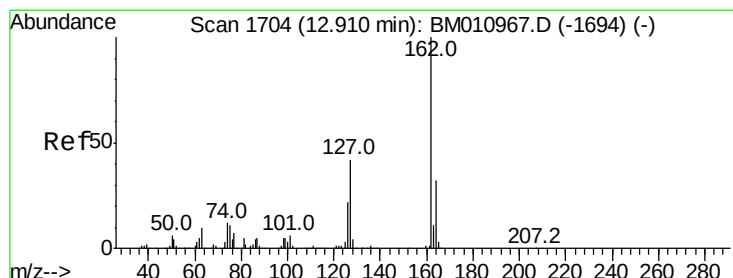
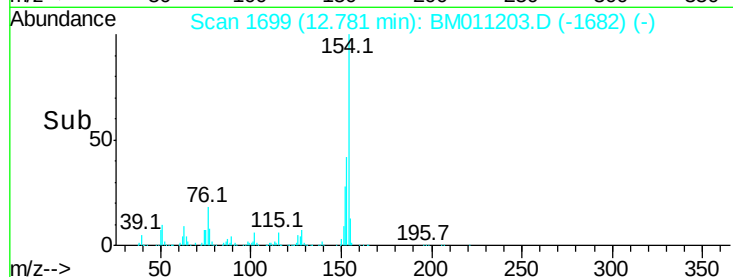
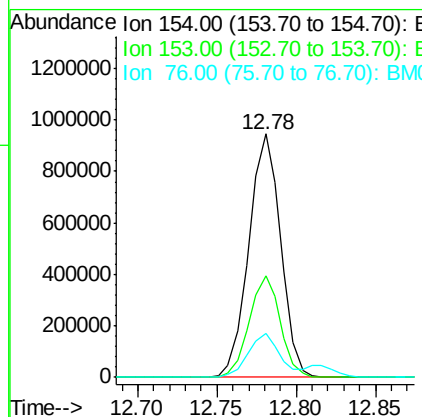
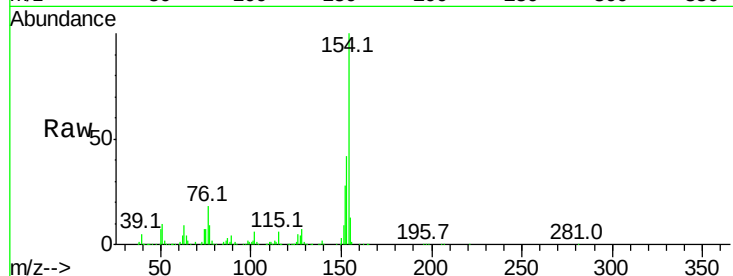
#45
 1,1'-Biphenyl
 Concen: 40.860 ng
 RT: 12.78 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	18.0	0.0	30.9

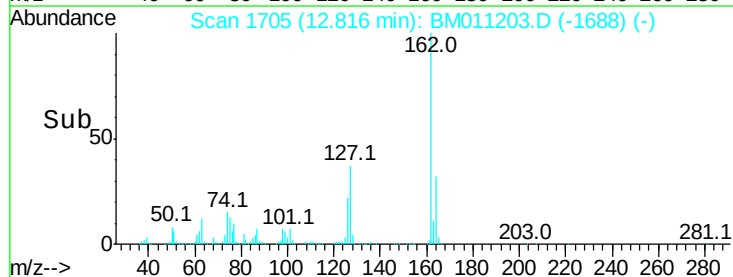
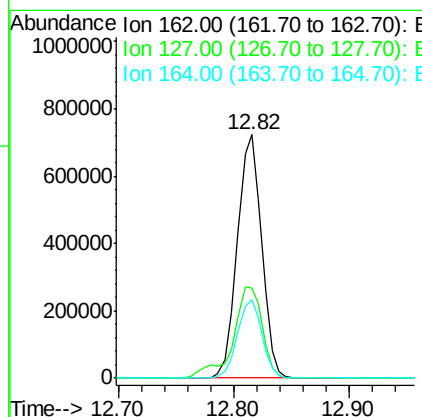
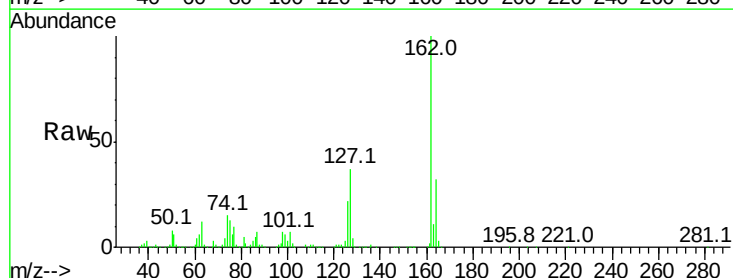
Manual Integrations
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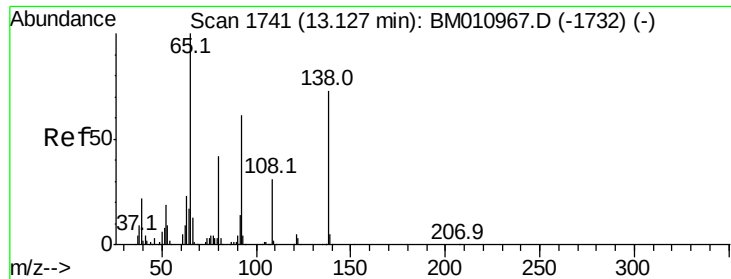
sohil
 8/14/2017 6:57:04 PM



#46
 2-Chloronaphthalene
 Concen: 44.354 ng
 RT: 12.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	26.9	40.3
164	32.0	26.8	40.2





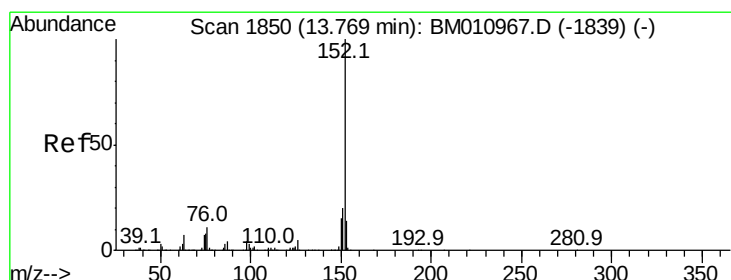
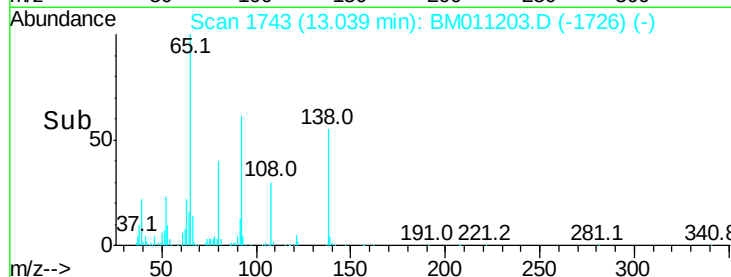
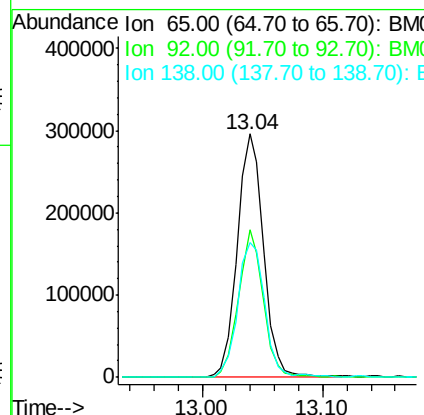
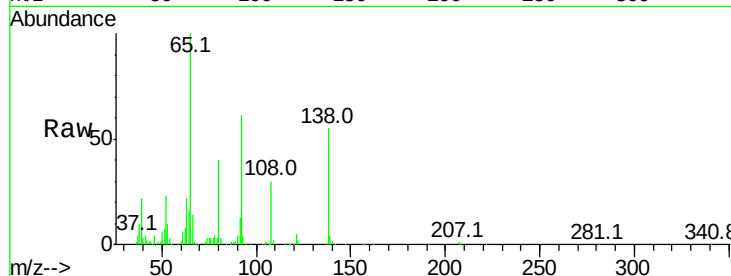
#47
2-Nitroaniline
Concen: 53.433 ng
RT: 13.04 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.8	59.1	88.7
138	55.5	93.9	140.9

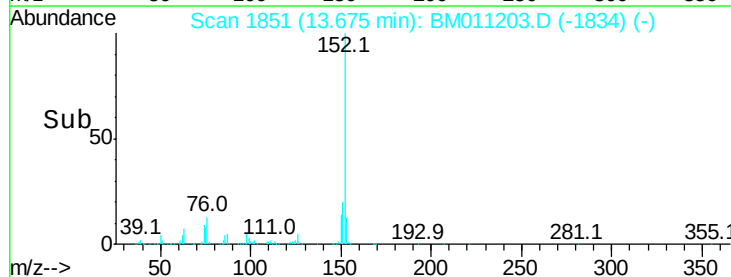
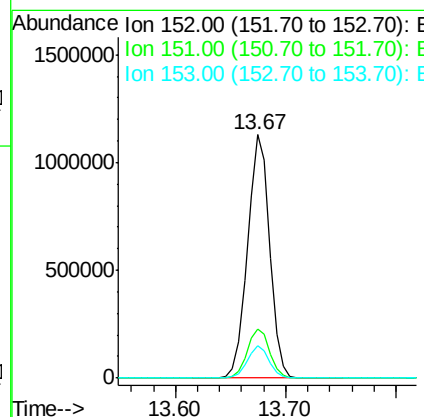
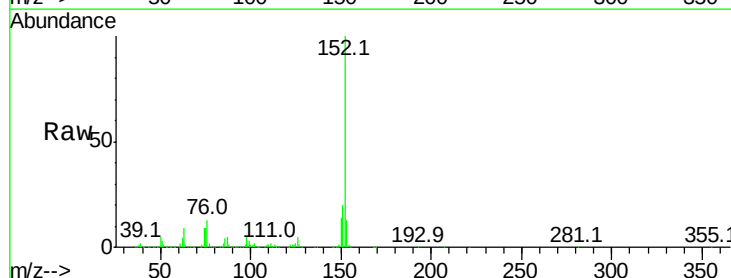
Manual Integrations
APPROVED

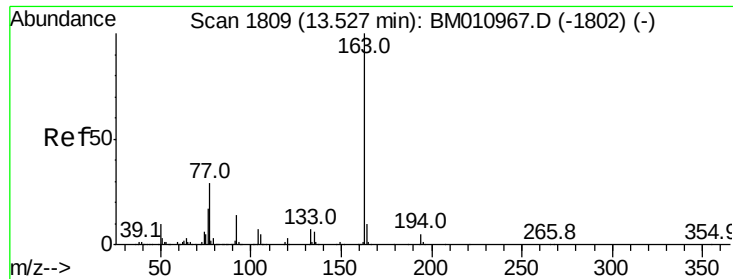
sohil
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#48
Acenaphthylene
Concen: 44.684 ng
RT: 13.67 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.2	10.6	16.0





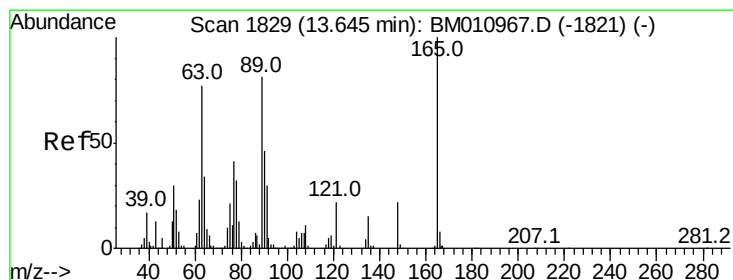
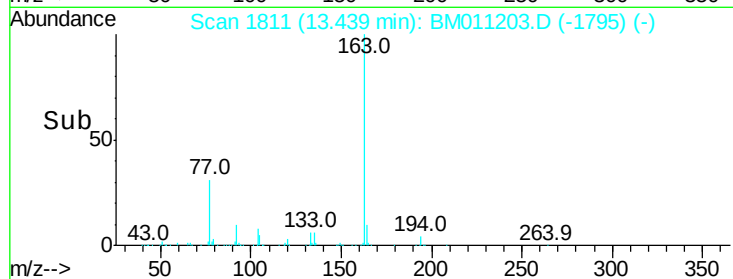
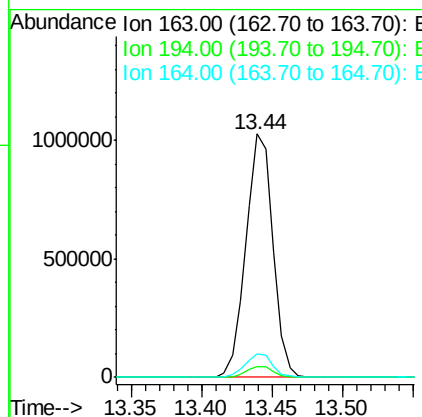
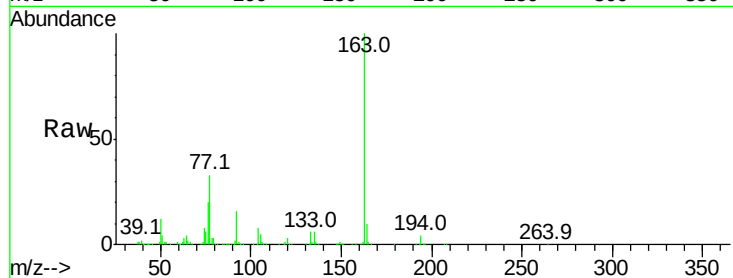
#49
Dimethylphthalate
Concen: 43.198 ng
RT: 13.44 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.8	8.2	12.2

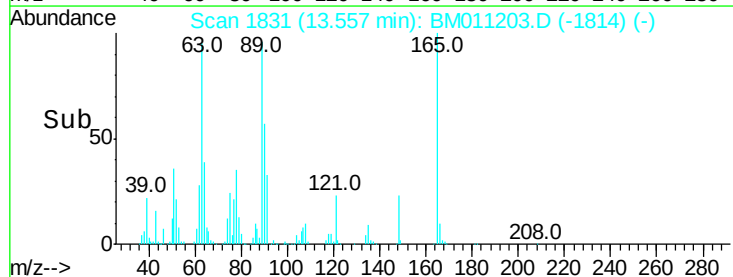
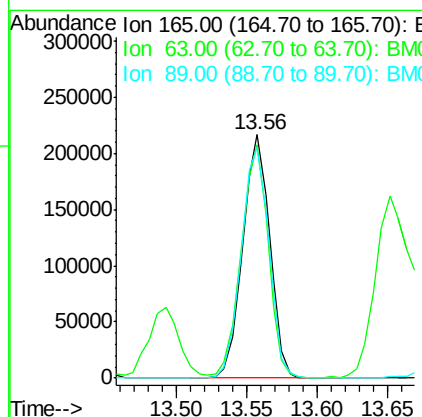
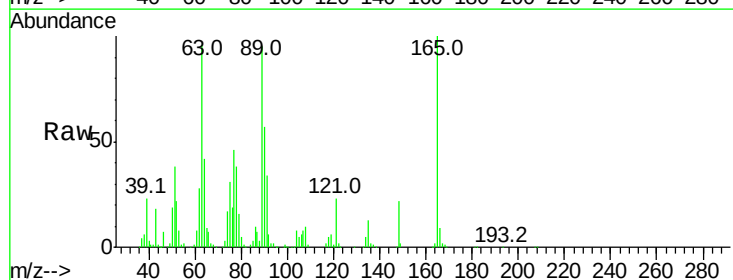
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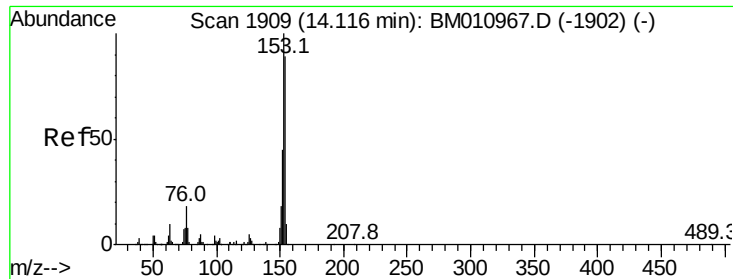
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#50
2,6-Dinitrotoluene
Concen: 44.817 ng
RT: 13.56 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	95.7	44.1	66.1#
89	94.9	44.3	66.5#





#51

Acenaphthene

Concen: 43.925 ng

RT: 14.03 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

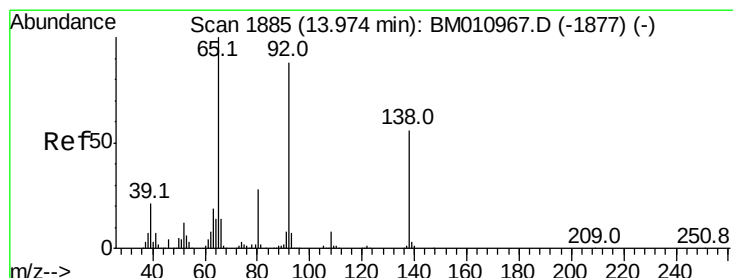
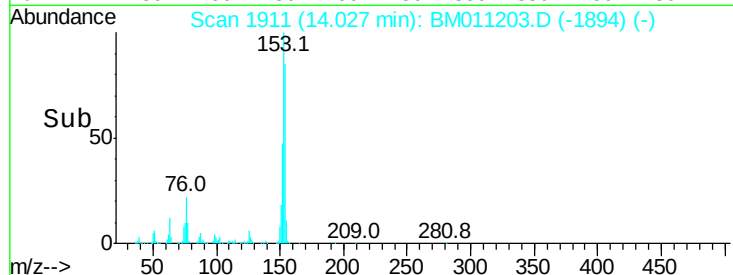
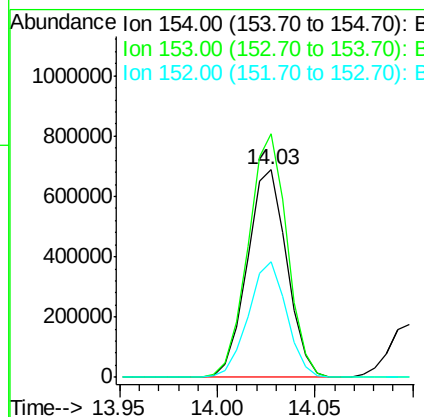
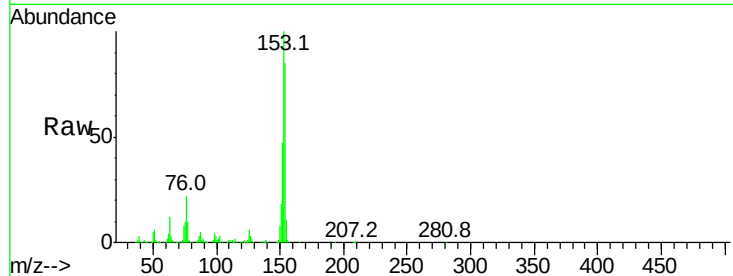
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:	154	Resp:	965700
Ion Ratio	Lower	Upper	
154	100		
153	117.5	90.0	135.0
152	55.6	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.677 ng

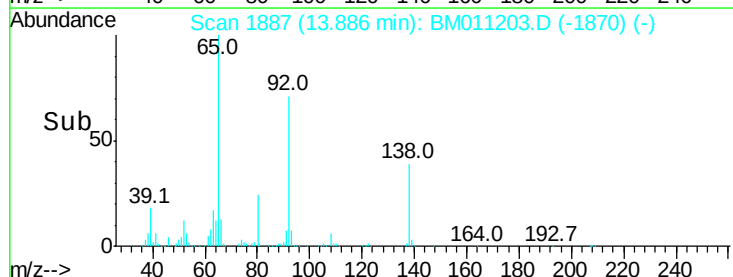
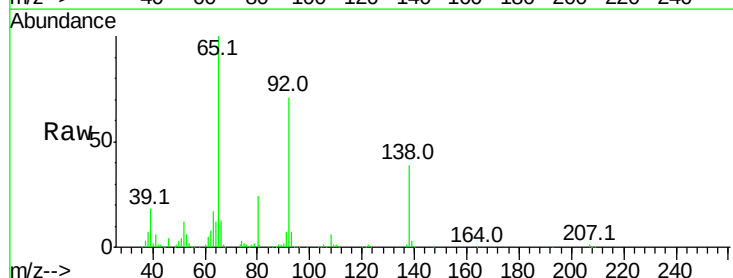
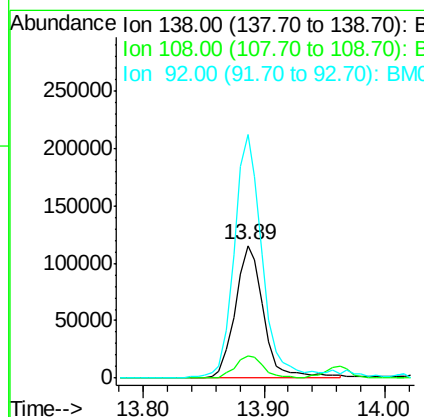
RT: 13.89 min Scan# 1887

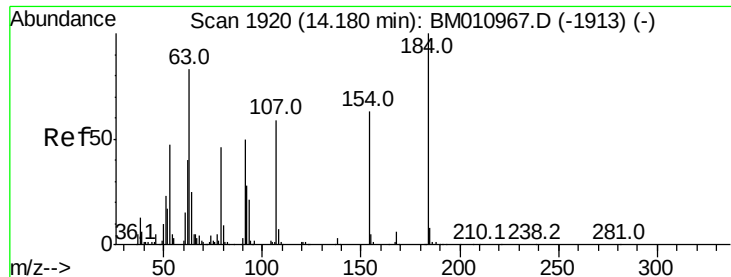
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion:	138	Resp:	188795
Ion Ratio	Lower	Upper	
138	100		
108	16.7	7.3	10.9#
92	183.4	76.6	114.8#





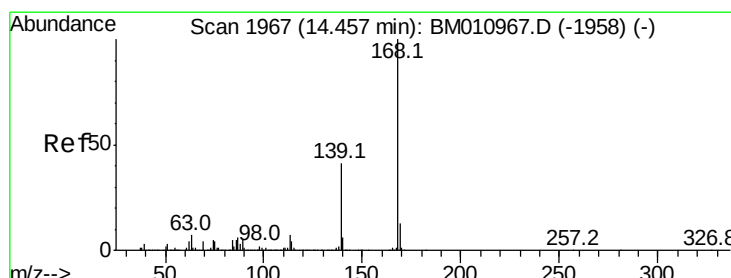
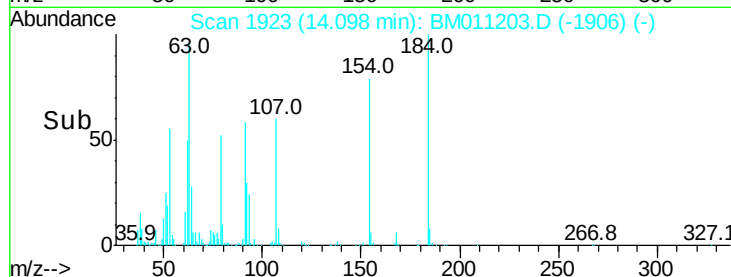
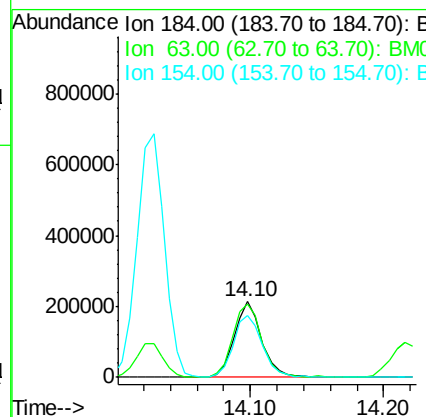
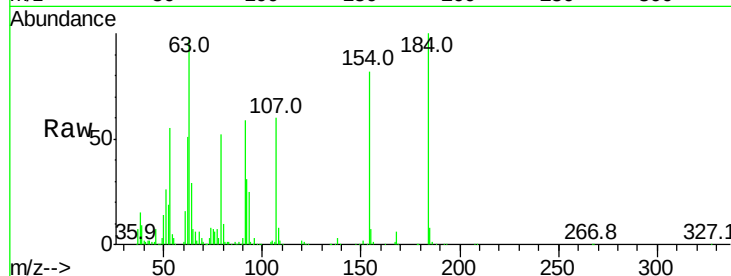
#53
2,4-Dinitrophenol
Concen: 65.992 ng
RT: 14.10 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	97.2	69.2	103.8	
154	82.4	53.3	79.9#	

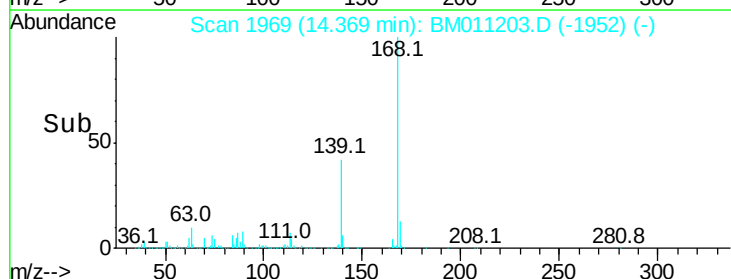
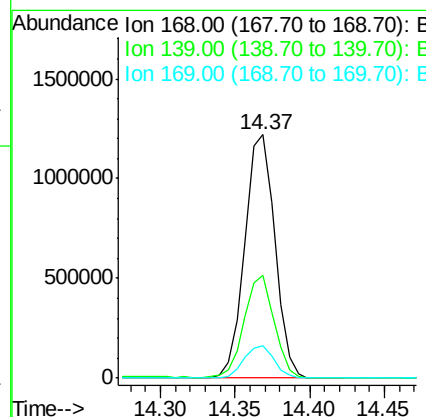
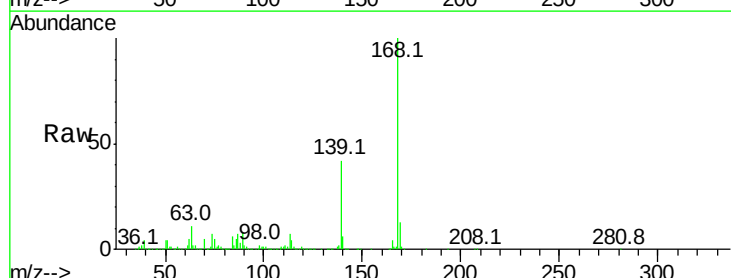
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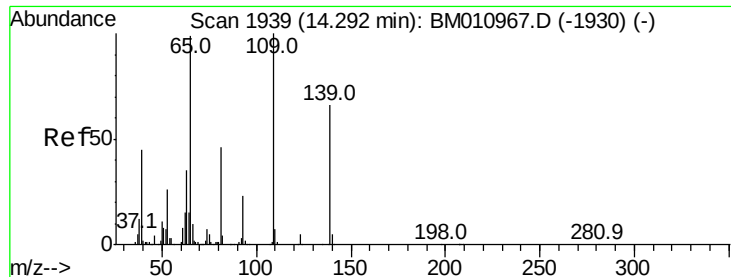
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#54
Dibenzofuran
Concen: 47.963 ng
RT: 14.37 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.3	27.3	40.9#	
169	13.4	10.6	16.0	





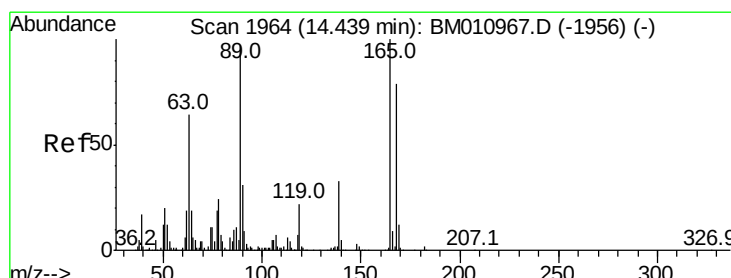
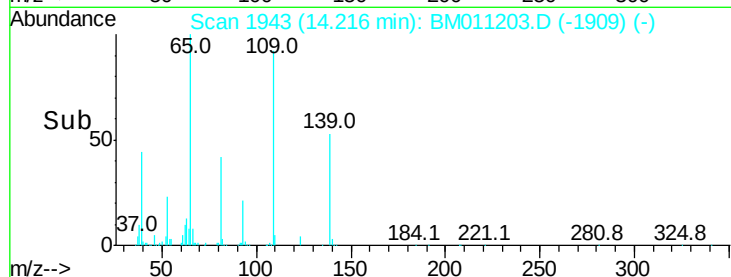
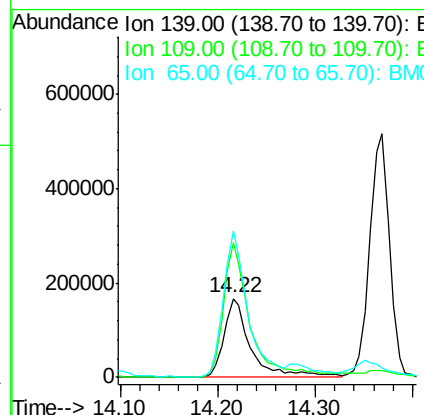
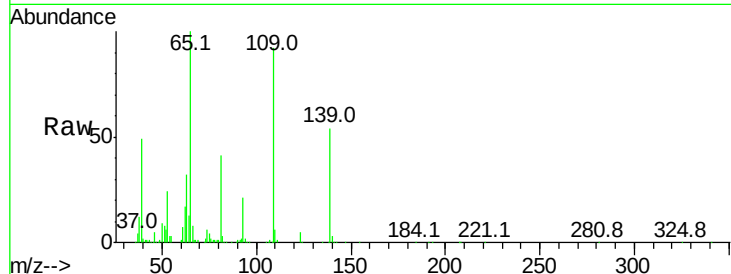
#55
4-Nitrophenol
Concen: 64.344 ng
RT: 14.22 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	171.8	130.0	170.0#	
65	186.9	130.0	170.0#	

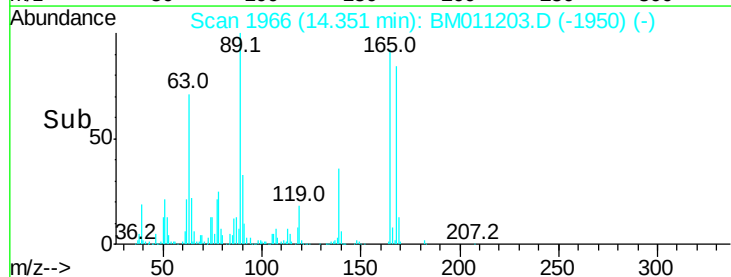
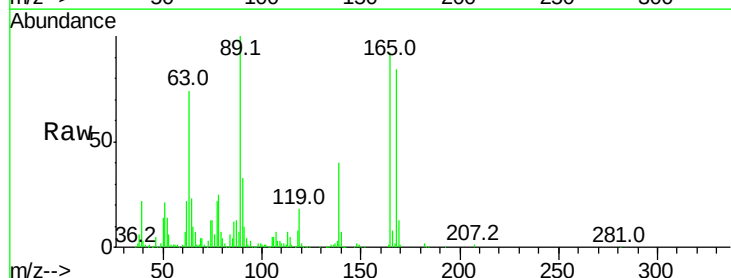
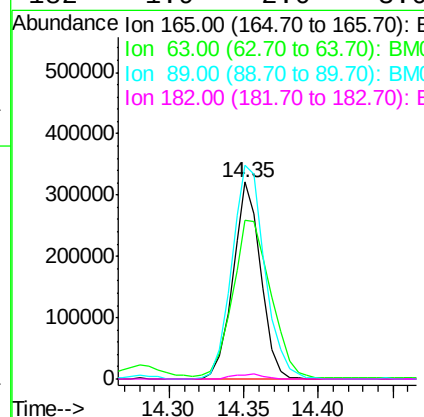
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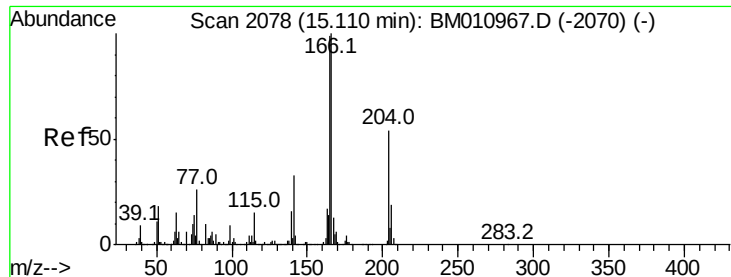
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#56
2,4-Dinitrotoluene
Concen: 46.127 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	80.5	52.4	78.6#	
89	108.6	72.4	108.6#	
182	1.9	2.0	3.0#	





#57

Fluorene

Concen: 45.108 ng

RT: 15.02 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:166 Resp: 1399051

Ion Ratio Lower Upper

166 100

165 100.6 79.0 118.4

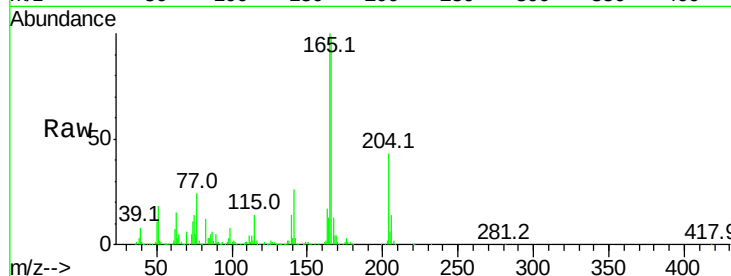
167 13.2 10.3 15.5

Manual Integrations

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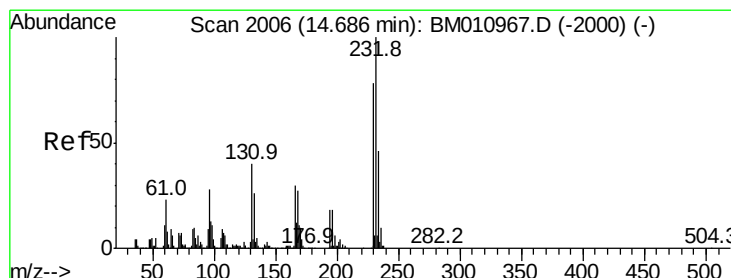
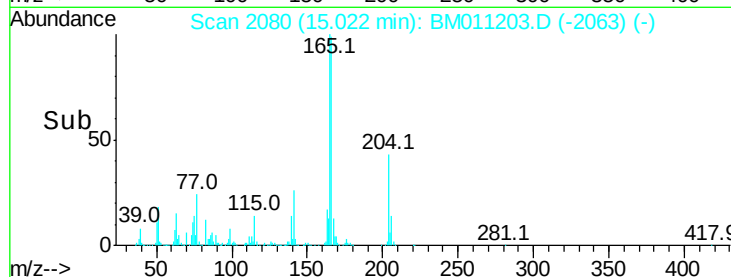
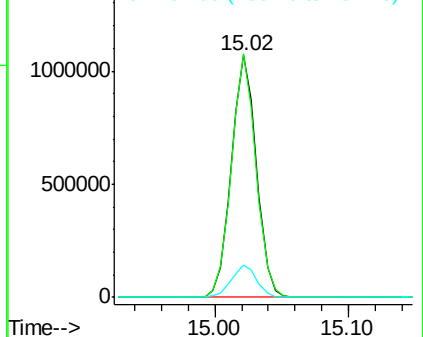


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.768 ng

RT: 14.60 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion:232 Resp: 466582

Ion Ratio Lower Upper

232 100

131 40.2 0.0 0.0#

130 3.0 0.0 0.0#

166 28.6 0.0 0.0#

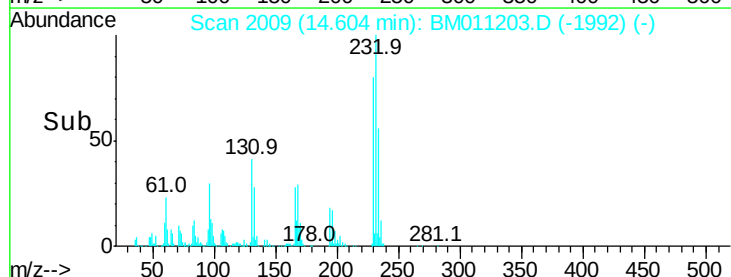
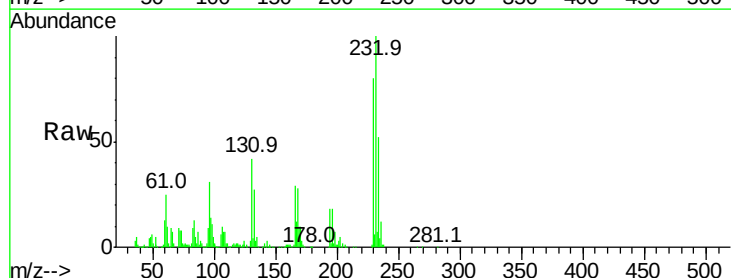
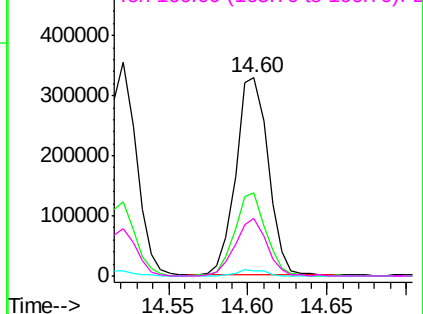
Abundance

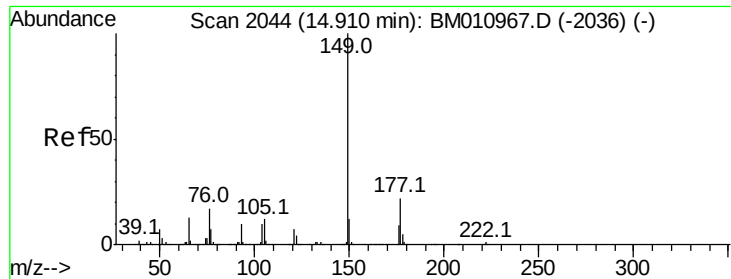
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





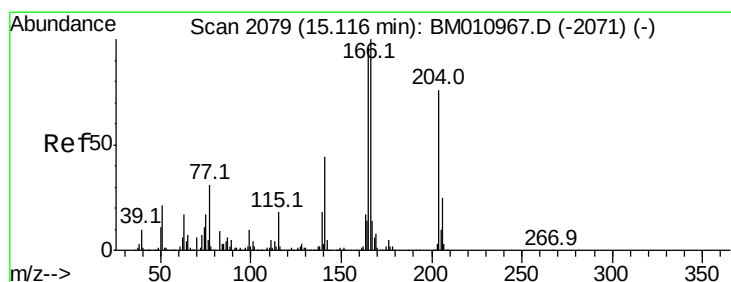
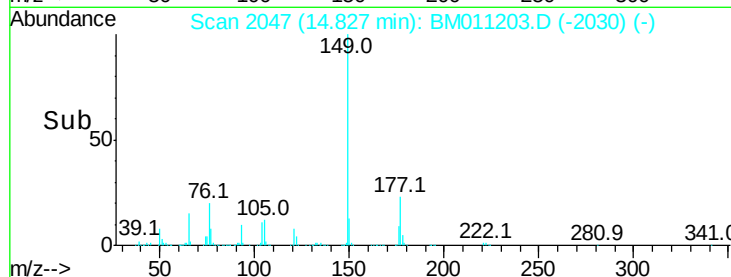
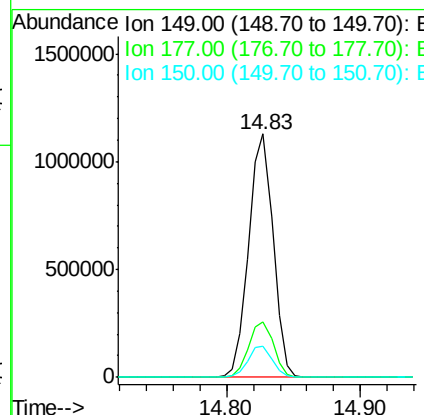
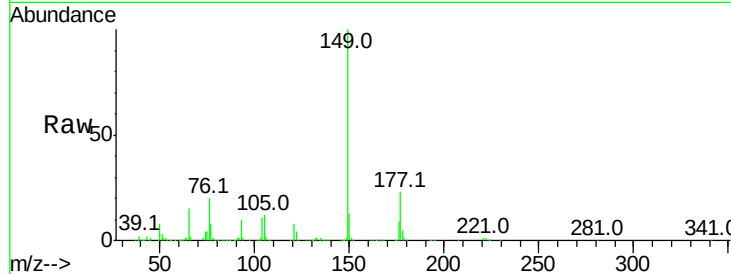
#59
Diethylphthalate
Concen: 43.579 ng
RT: 14.83 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.0	9.8	14.8

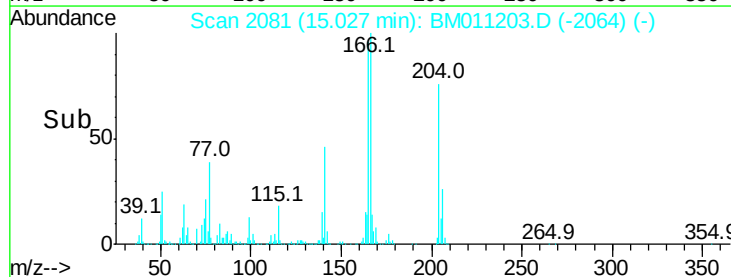
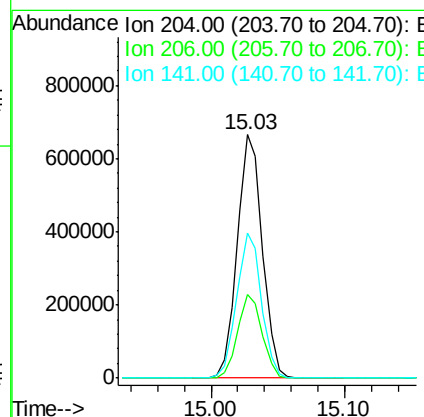
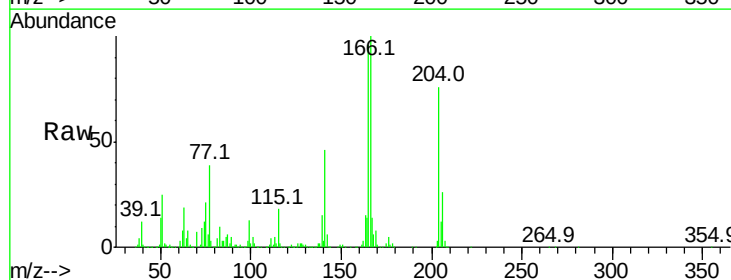
Manual Integrations
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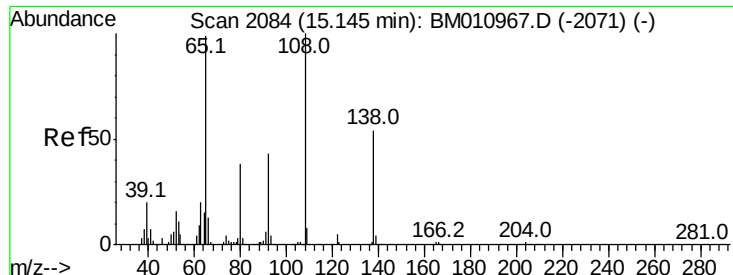
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#60
4-Chlorophenyl-phenylether
Concen: 46.540 ng
RT: 15.03 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	59.7	45.2	67.8





#61

4-Nitroaniline

Concen: 31.751 ng

RT: 15.06 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

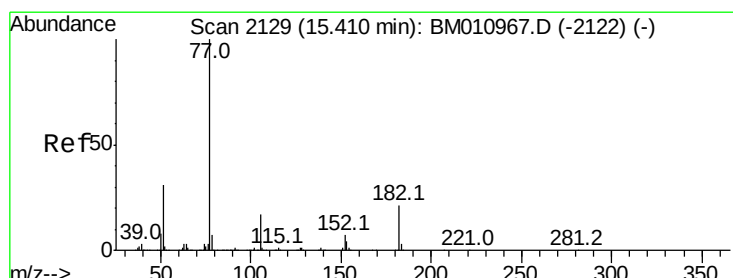
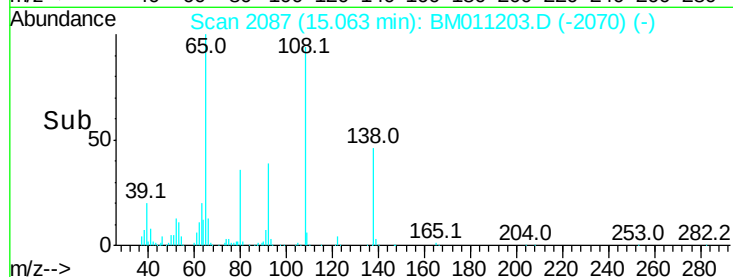
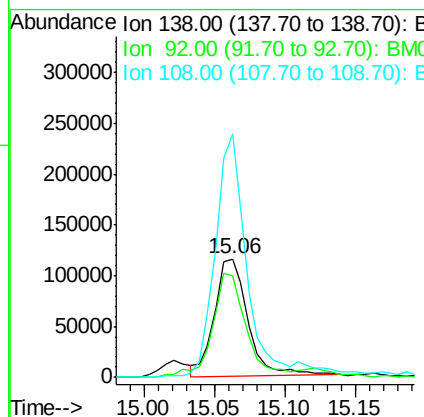
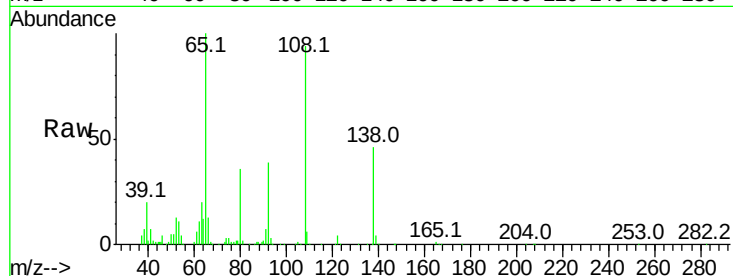
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	85.9	16.7	56.7#
108	205.1	37.6	77.6#

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#62

Azobenzene

Concen: 59.070 ng

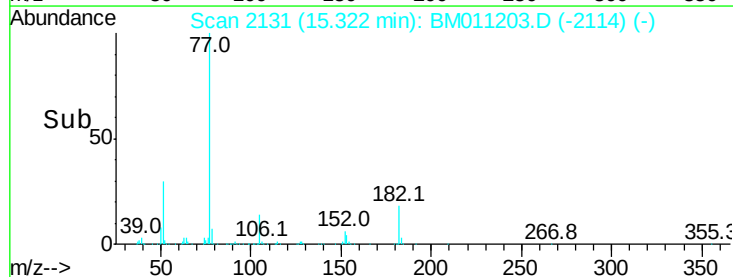
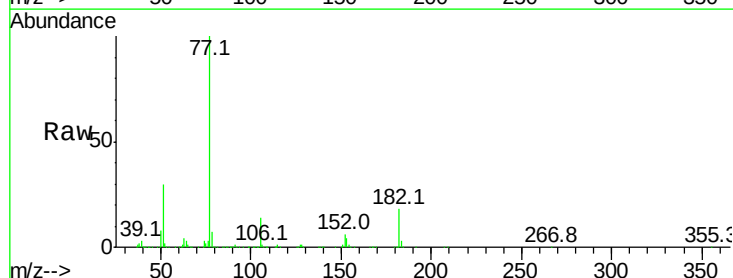
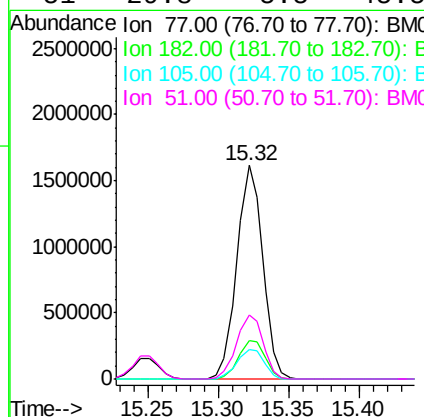
RT: 15.32 min Scan# 2131

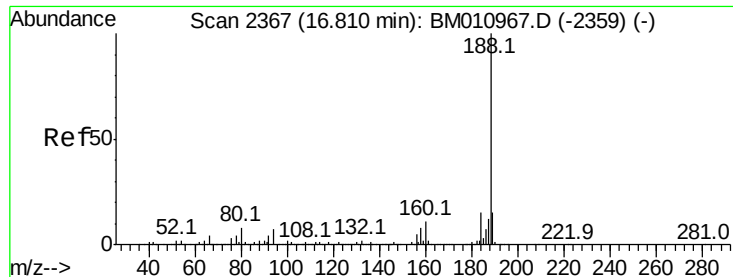
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.2	6.5	46.5
105	13.9	3.8	43.8
51	29.8	5.5	45.5





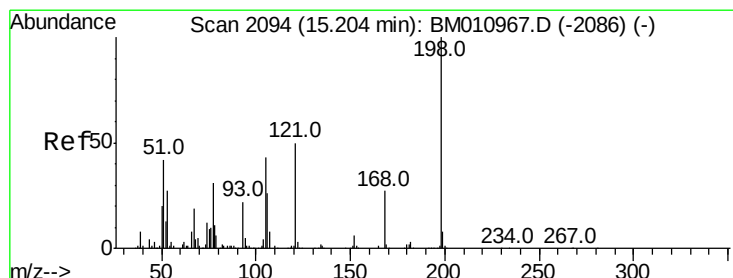
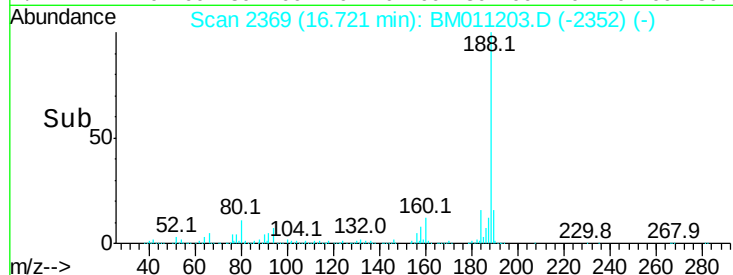
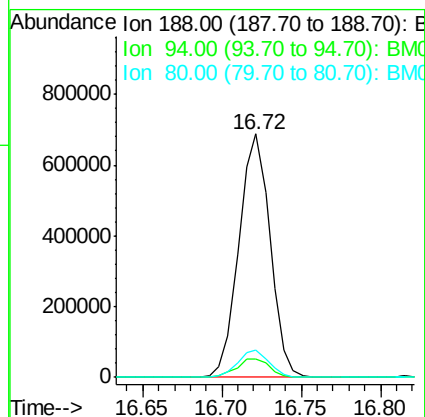
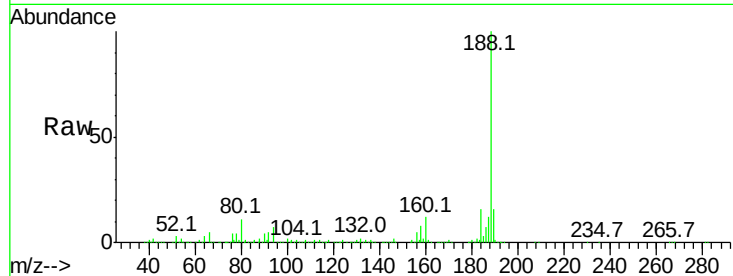
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	937892		
94	7.4	8.7	13.1#	
80	11.0	9.3	13.9	

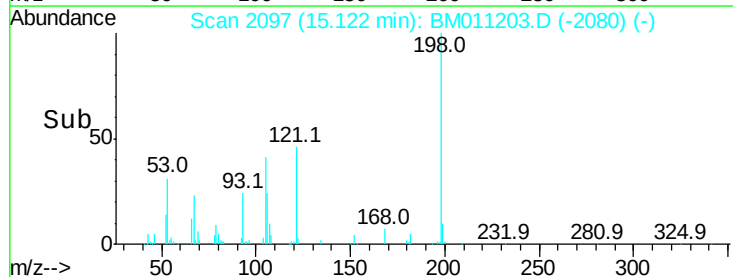
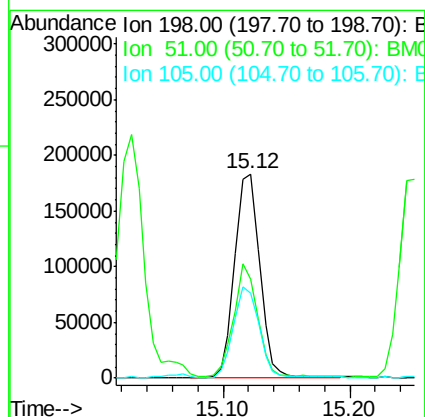
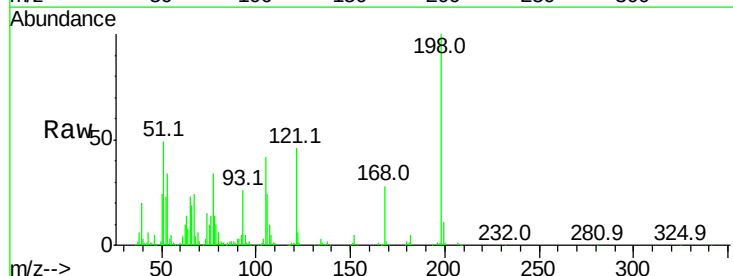
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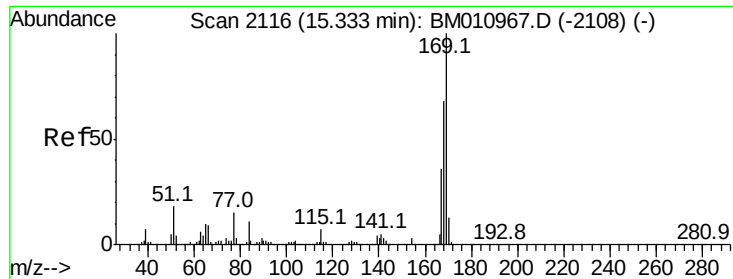
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.871 ng
RT: 15.12 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	253154		
51	48.6	28.8	68.8	
105	41.7	30.5	70.5	





#65

n-Nitrosodiphenylamine

Concen: 45.253 ng

RT: 15.25 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:169 Resp: 1214642

Ion Ratio Lower Upper

169 100

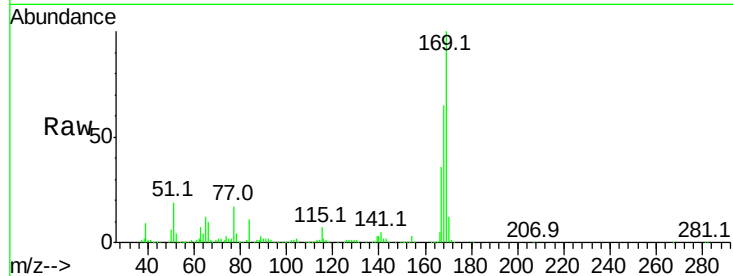
168 65.4 53.9 80.9

167 35.6 28.9 43.3

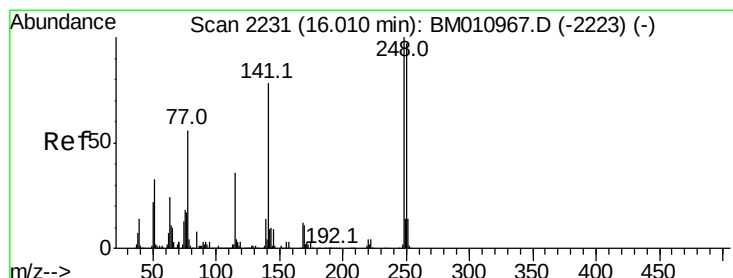
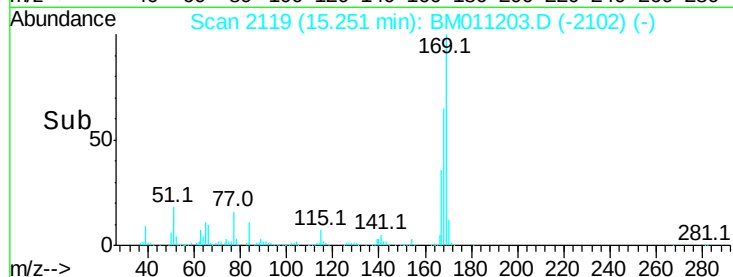
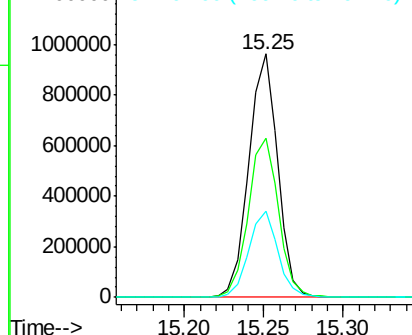
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.554 ng

RT: 15.93 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

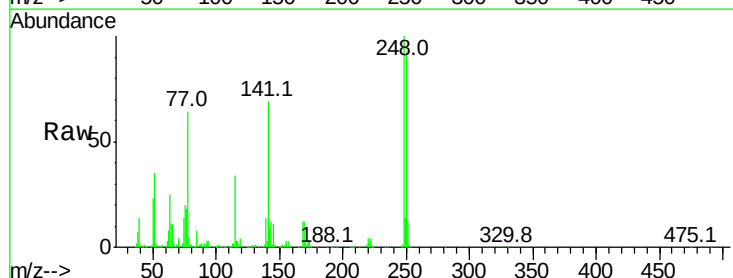
Tgt Ion:248 Resp: 561299

Ion Ratio Lower Upper

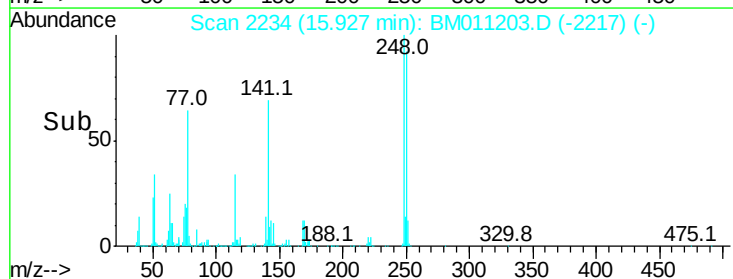
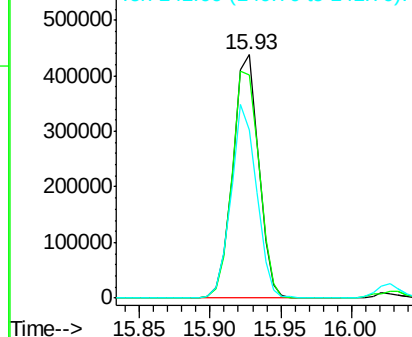
248 100

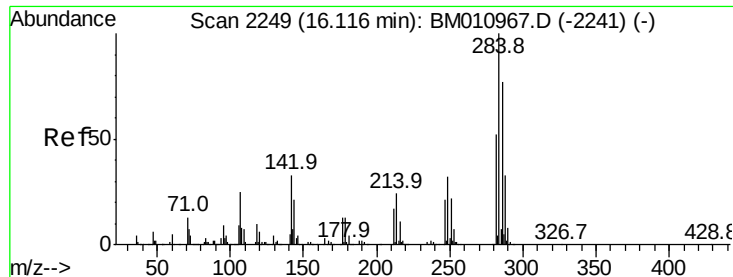
250 91.6 77.4 116.0

141 69.2 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.428 ng

RT: 16.03 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

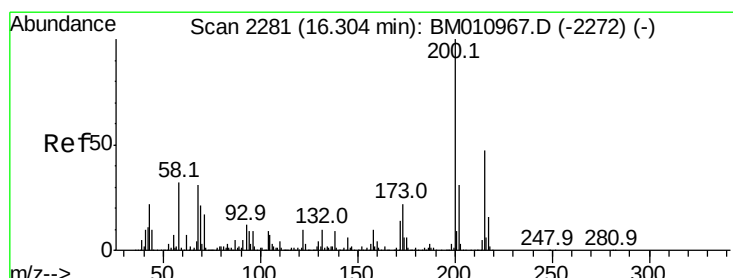
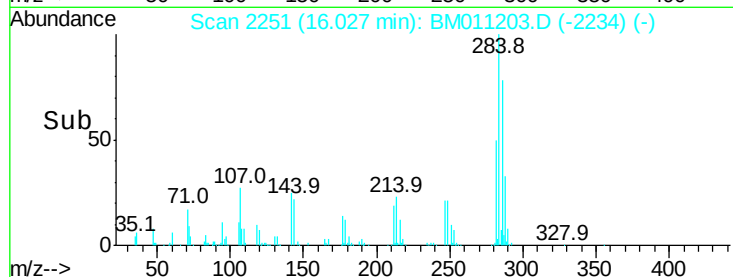
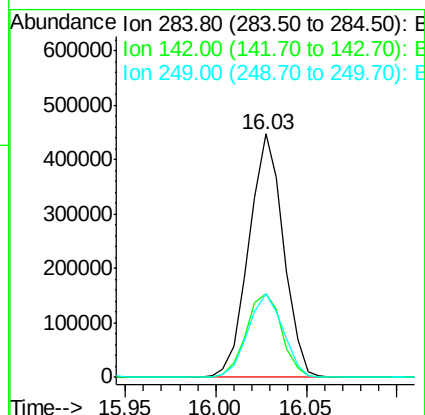
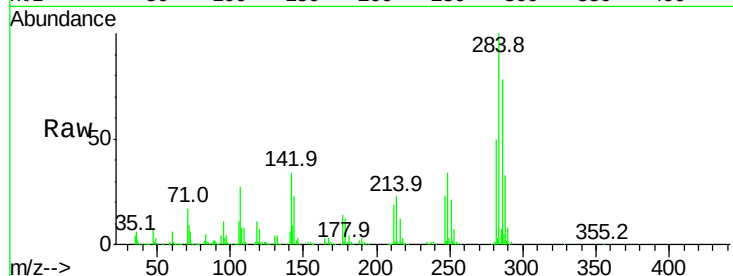
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:	284	Resp:	591688
Ion Ratio		Lower	Upper
284	100		
142	34.2	20.4	30.6#
249	34.3	23.8	35.6

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#68

Atrazine

Concen: 48.074 ng

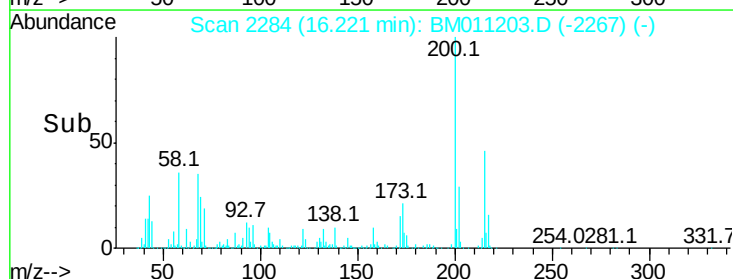
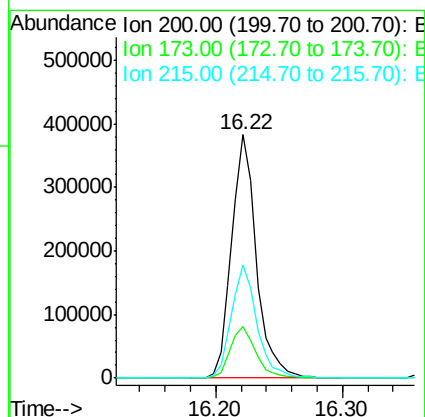
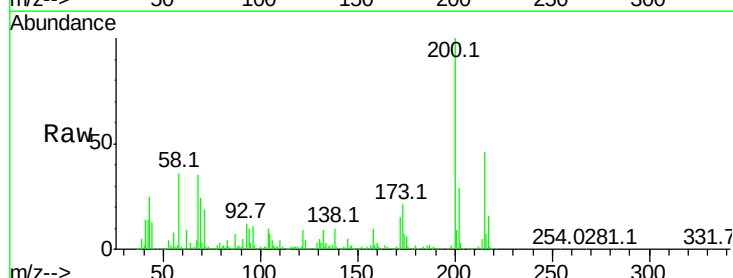
RT: 16.22 min Scan# 2284

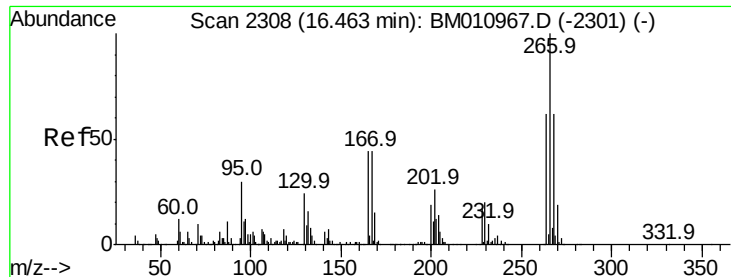
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion:	200	Resp:	517104
Ion Ratio		Lower	Upper
200	100		
173	21.2	4.8	44.8
215	46.4	26.9	66.9





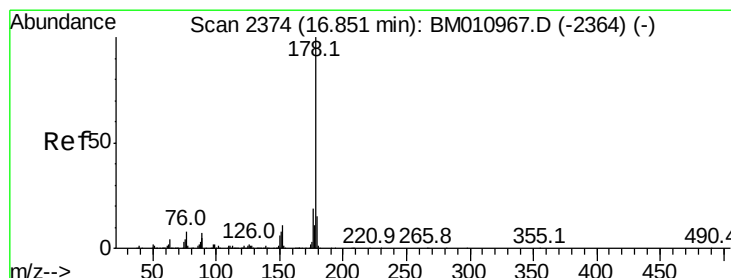
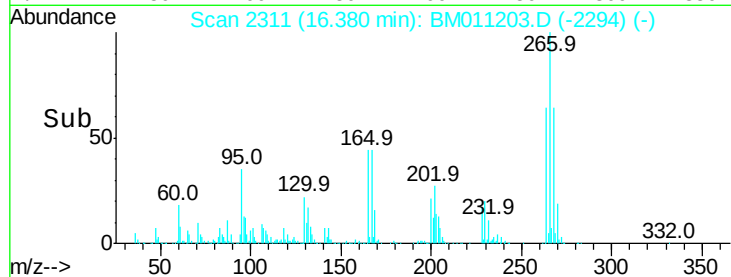
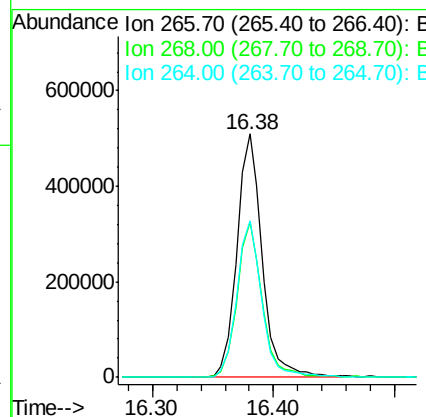
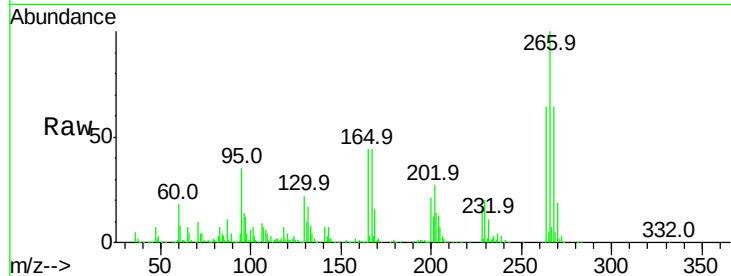
#69
 Pentachlorophenol
 Concen: 85.745 ng
 RT: 16.38 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	741677		
268	63.8	52.0	78.0	
264	64.4	49.0	73.4	

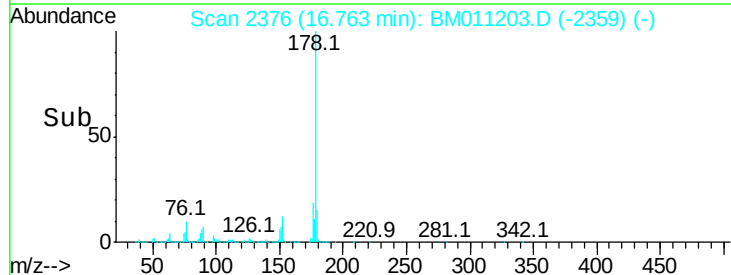
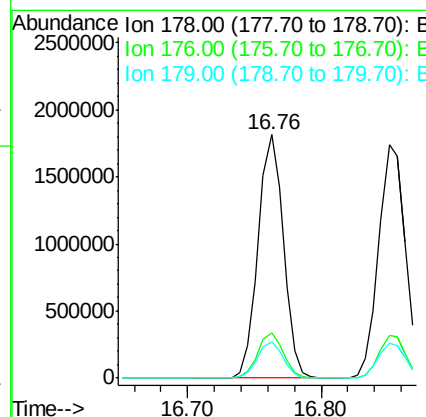
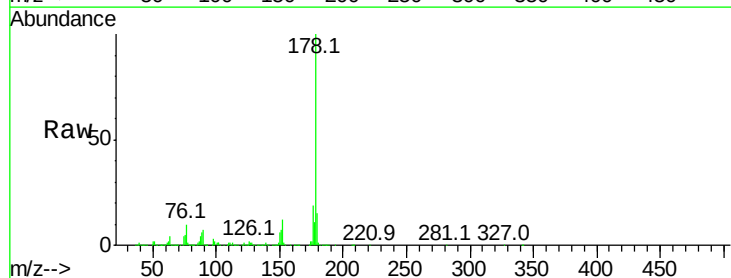
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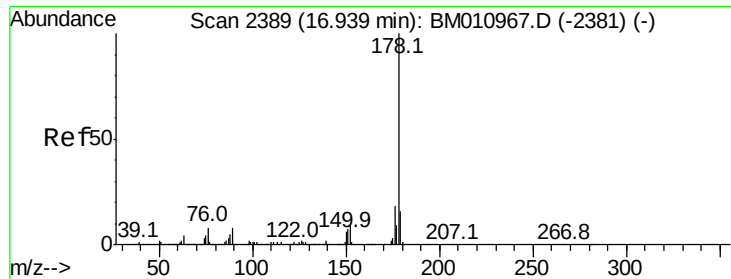
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#70
 Phenanthrene
 Concen: 48.144 ng
 RT: 16.76 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2364327		
176	18.6	15.2	22.8	
179	15.1	12.1	18.1	





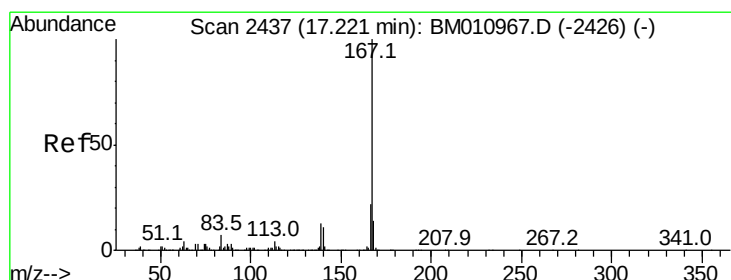
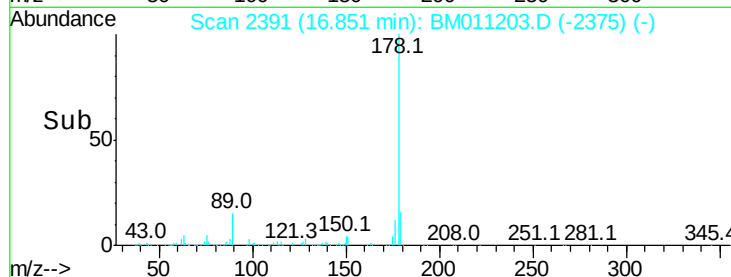
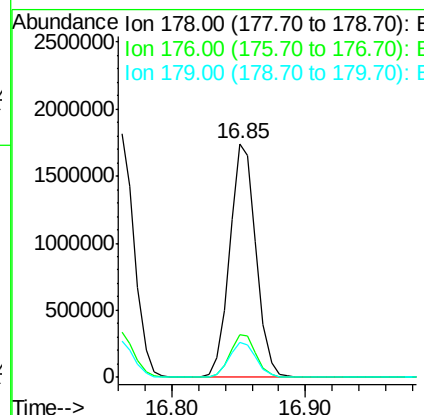
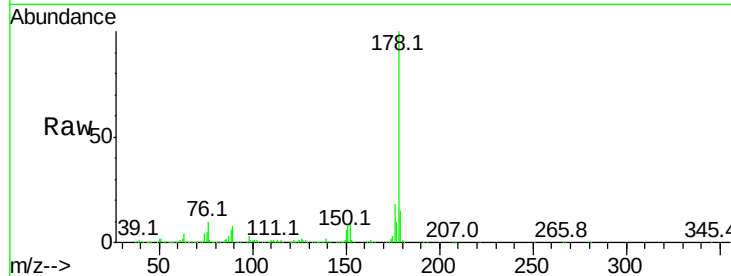
#71
 Anthracene
 Concen: 48.864 ng
 RT: 16.85 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.2	12.6	19.0

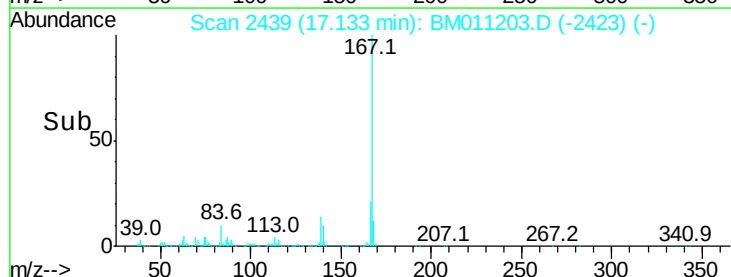
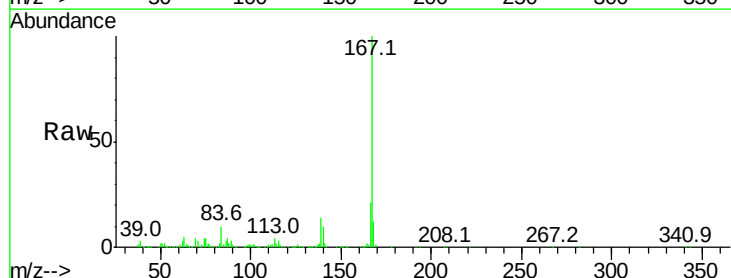
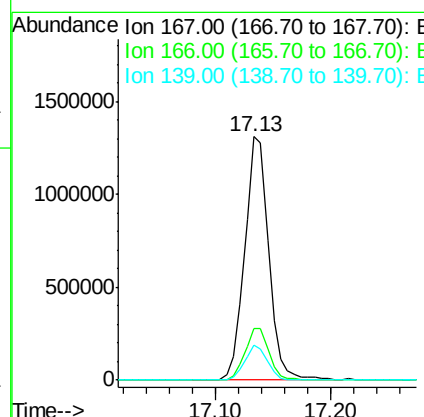
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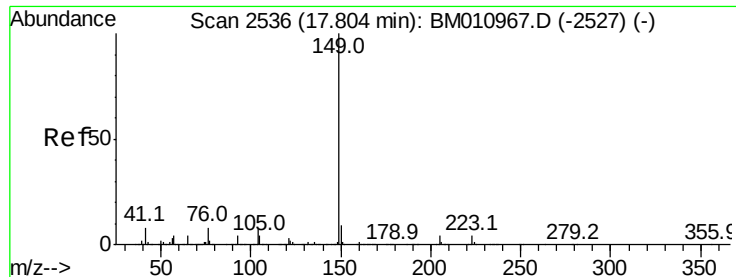
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#72
 Carbazole
 Concen: 44.170 ng
 RT: 17.13 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	14.1	10.8	16.2





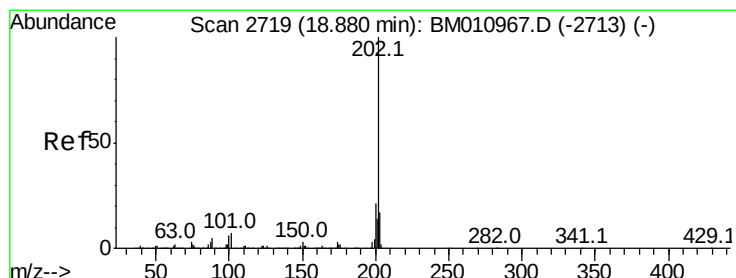
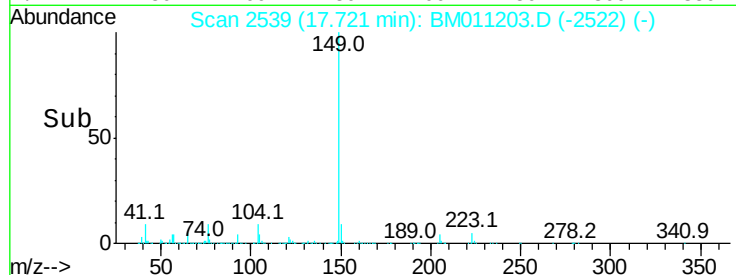
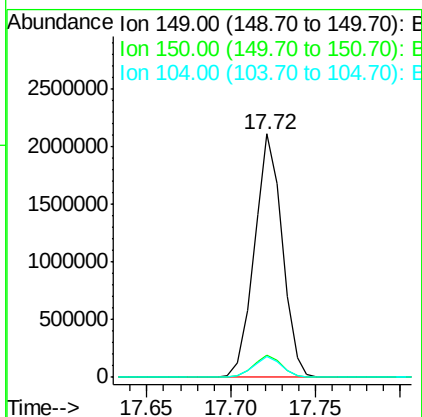
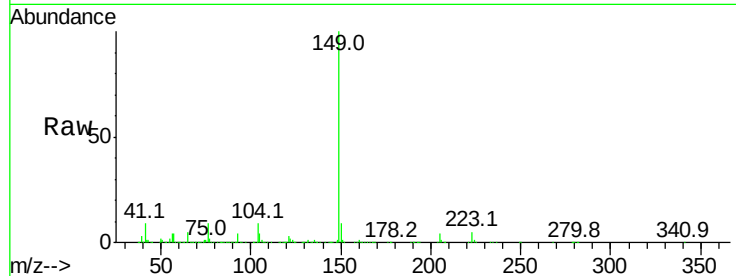
#73
Di-n-butylphthalate
Concen: 46.315 ng
RT: 17.72 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	8.5	3.7	5.5

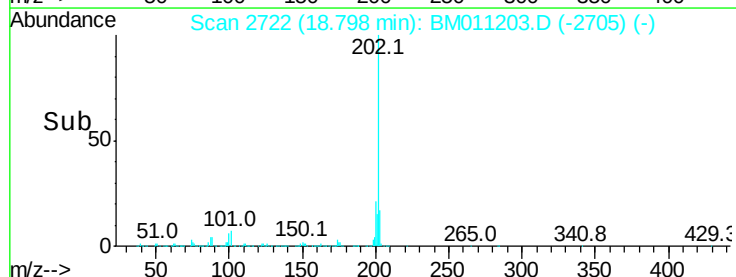
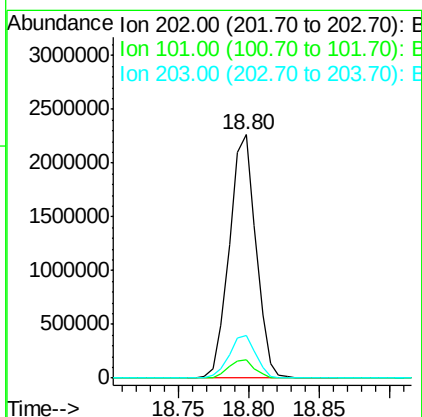
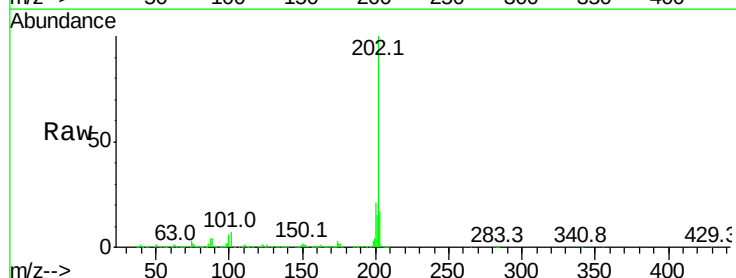
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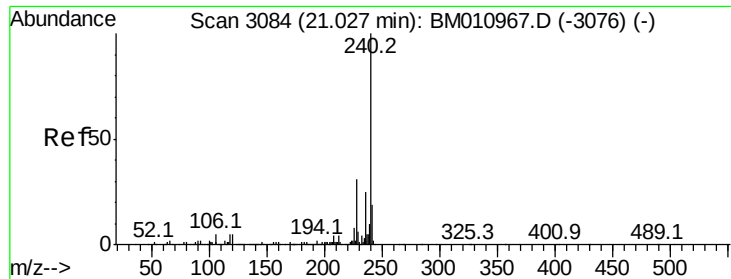
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#74
Fluoranthene
Concen: 48.888 ng
RT: 18.80 min Scan# 2722
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.4	0.0	37.2





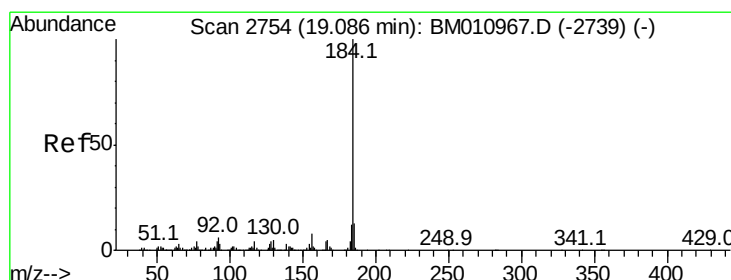
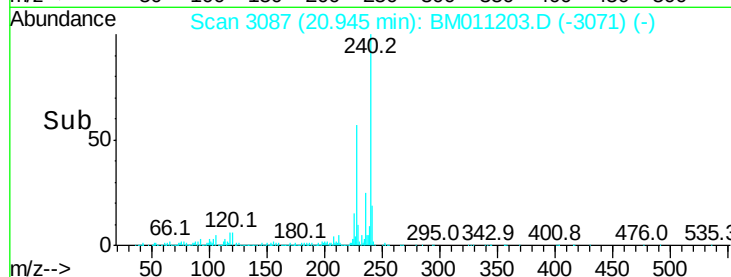
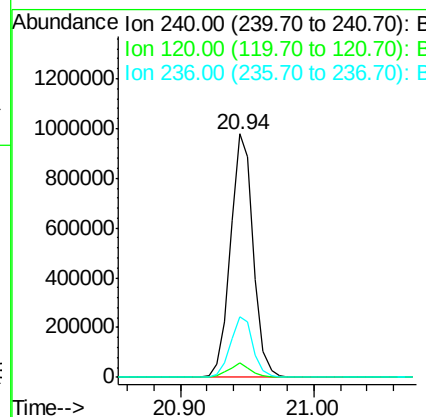
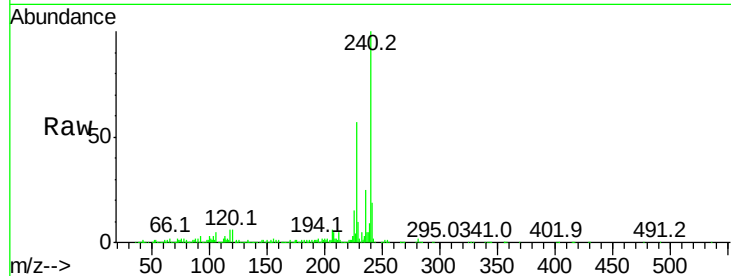
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	8.2	12.2#
236	25.0	20.0	30.0

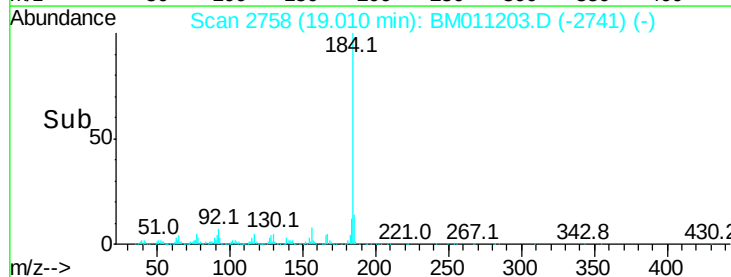
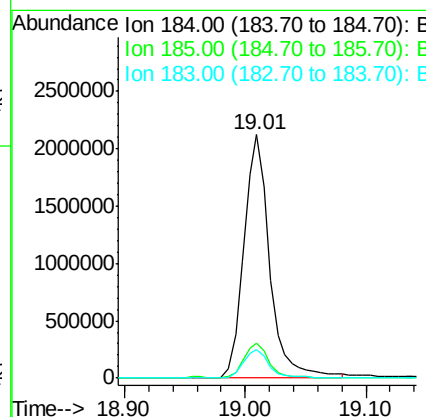
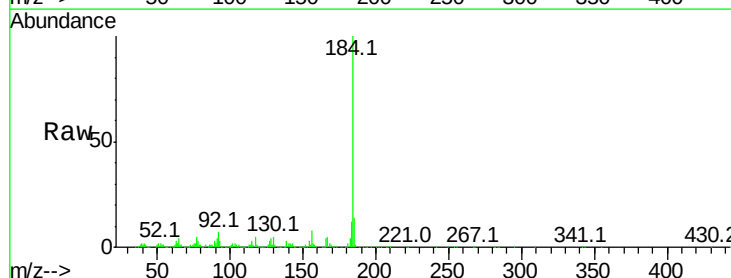
Manual Integrations
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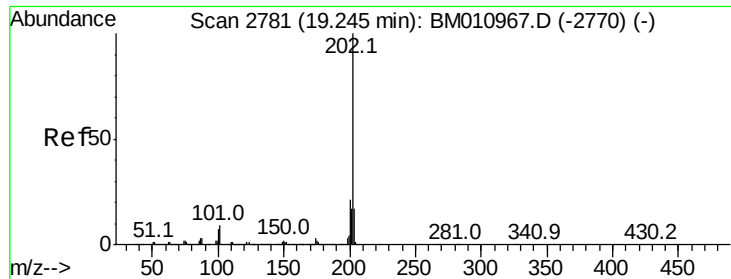
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#76
Benzidine
Concen: 112.516 ng
RT: 19.01 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.3	16.9
183	11.9	8.9	13.3





#77

Pvrene

Concen: 42.736 ng

RT: 19.16 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

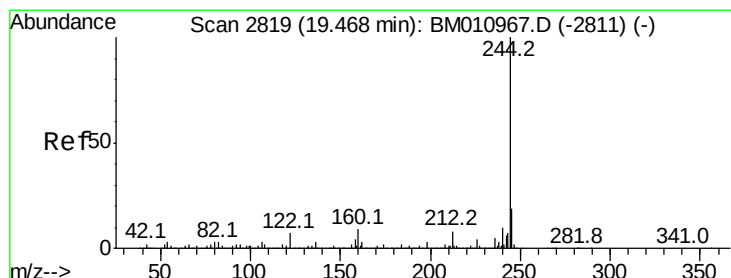
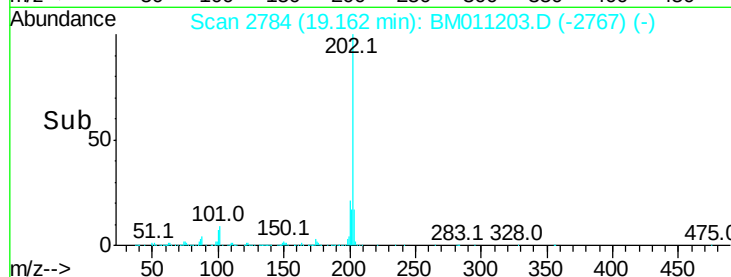
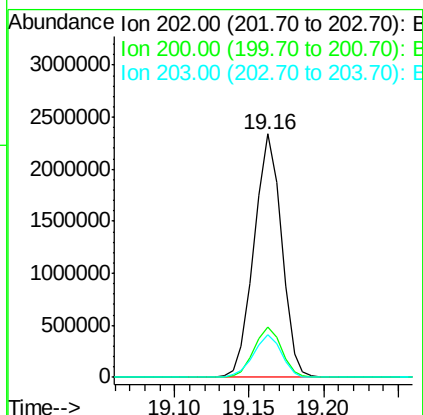
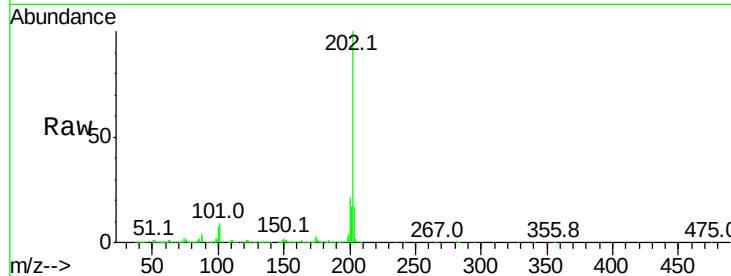
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:	202	Resp:	2976406
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.4	14.1	21.1

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#78

Terphenyl-d14

Concen: 79.457 ng

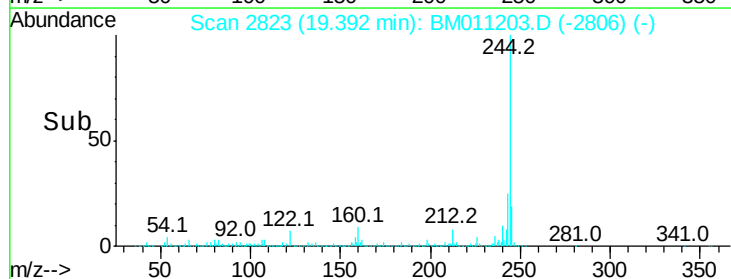
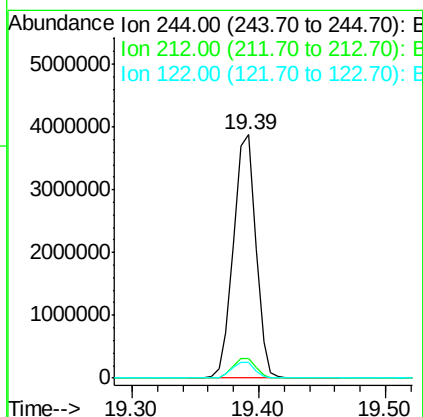
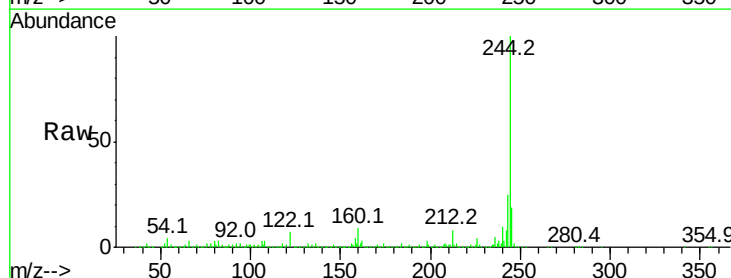
RT: 19.39 min Scan# 2823

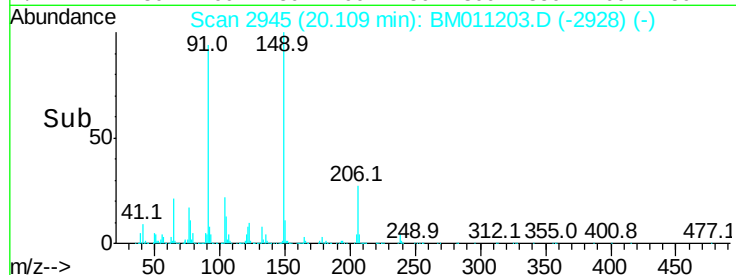
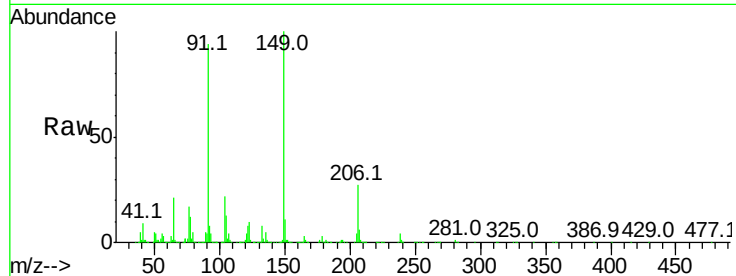
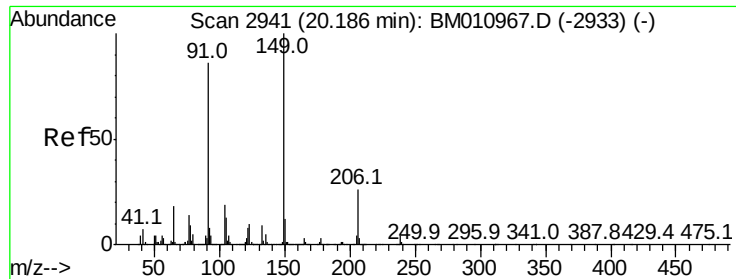
Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion:	244	Resp:	4701608
Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	6.6	6.2	9.4





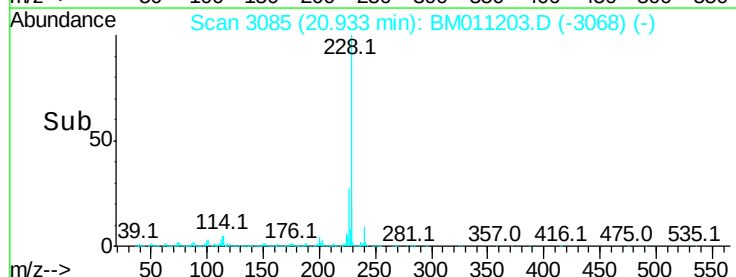
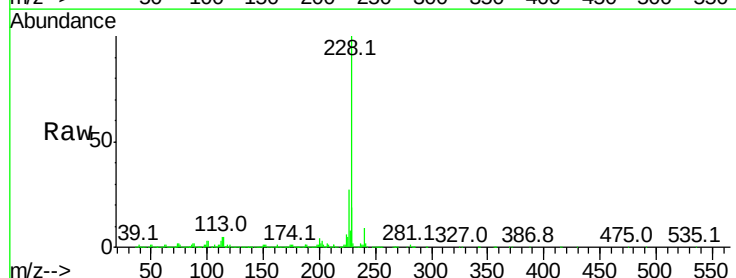
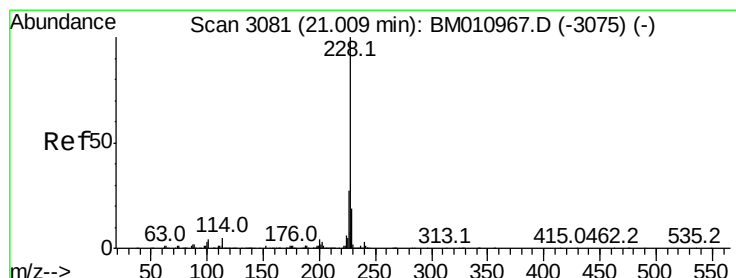
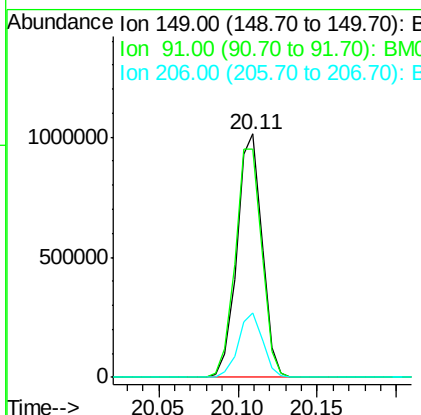
#79
Butylbenzylphthalate
Concen: 44.723 ng
RT: 20.11 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tot Ion	Ratio	Lower	Upper
149	100		
91	93.9	50.1	75.1#
206	26.7	16.2	24.2#

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

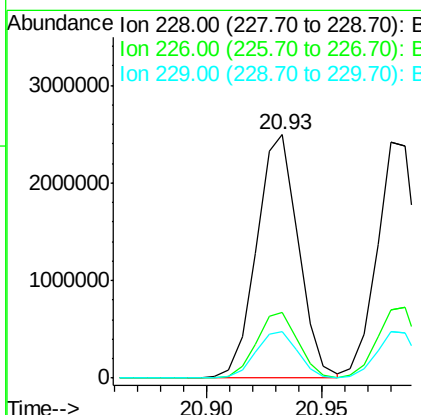
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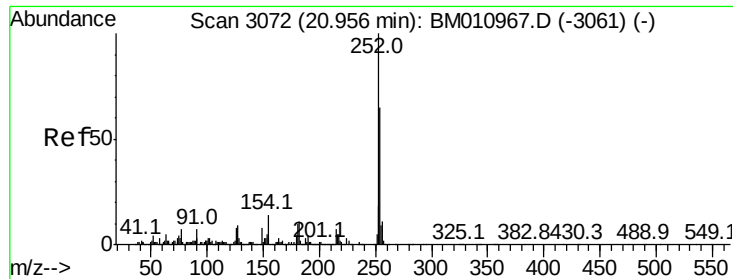
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#80
Benzo(a)anthracene
Concen: 46.766 ng
RT: 20.93 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.0	16.0	24.0





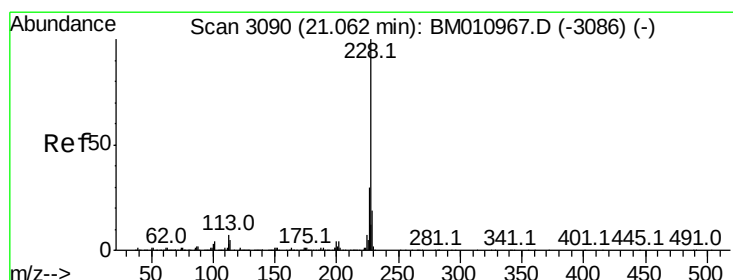
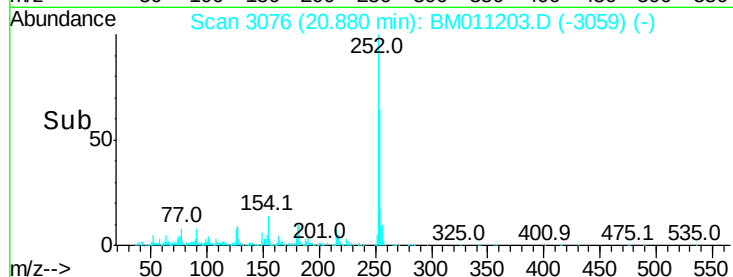
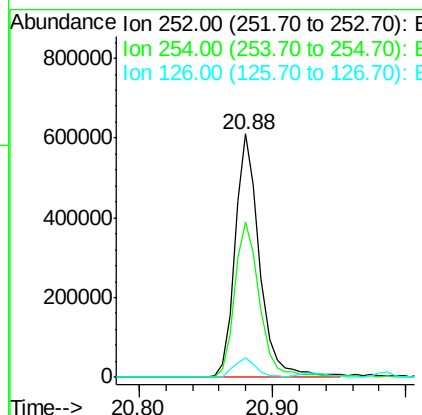
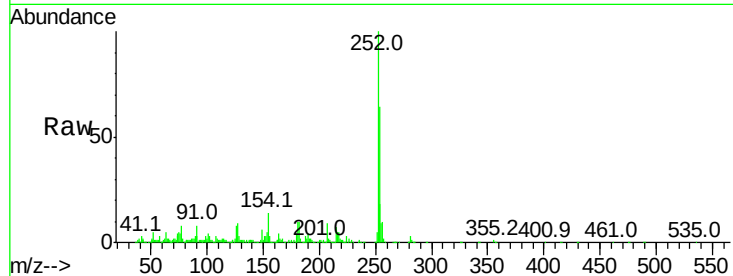
#81
 3,3'-Dichlorobenzidine
 Concen: 29.658 ng
 RT: 20.88 min Scan# 3076
 Delta R.T. 0.00 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.8	51.9	77.9	
126	7.8	9.8	14.8	

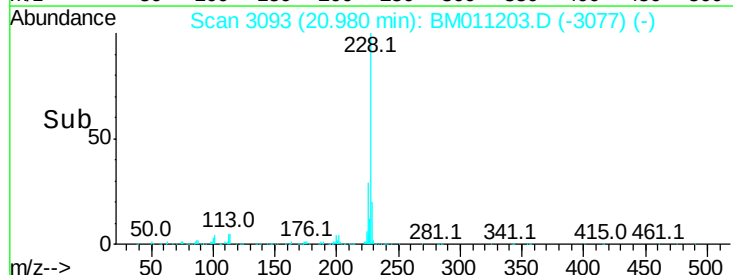
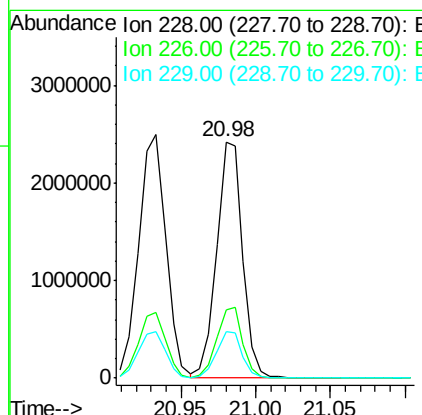
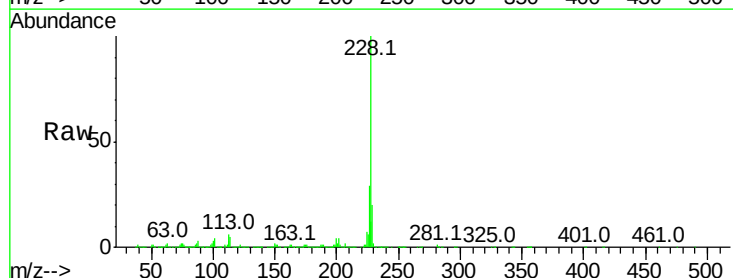
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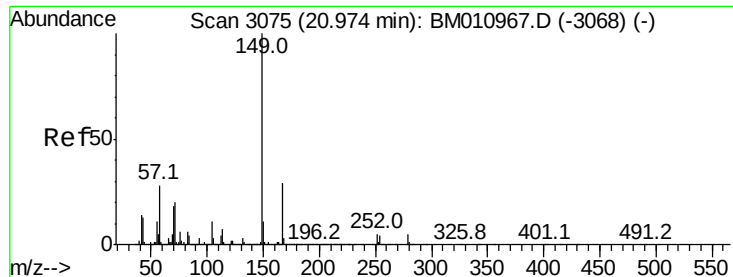
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#82
 Chrysene
 Concen: 45.706 ng
 RT: 20.98 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.0	24.1	36.1	
229	19.8	15.5	23.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.570 ng

RT: 20.90 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:149 Resp: 1623853

Ion Ratio Lower Upper

149 100

167 28.3 22.4 33.6

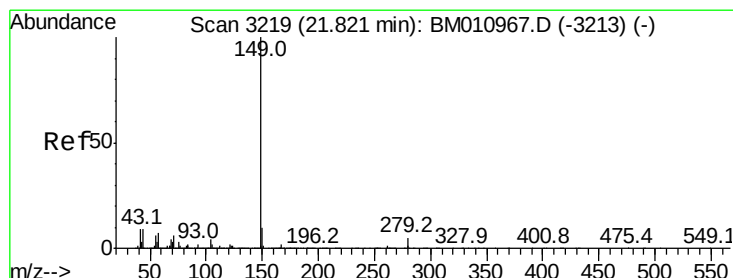
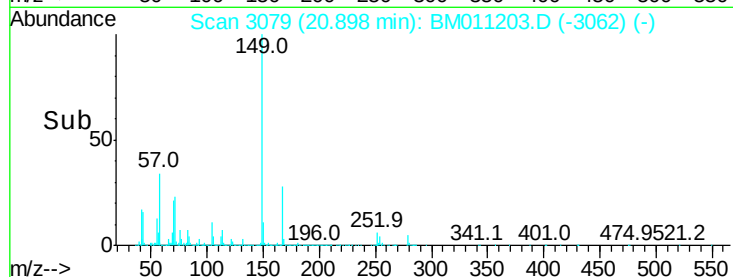
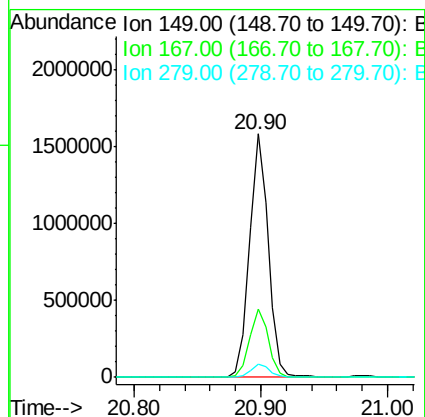
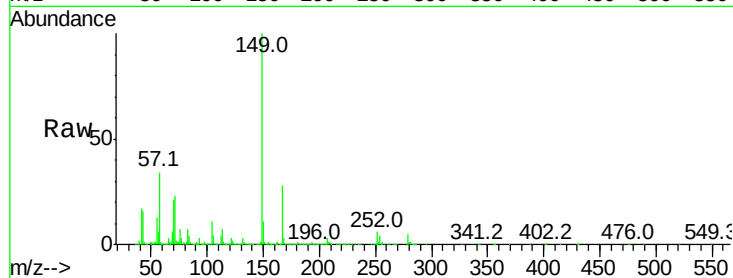
279 5.5 3.4 5.0#

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#84

Di-n-octyl phthalate

Concen: 44.817 ng

RT: 21.74 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

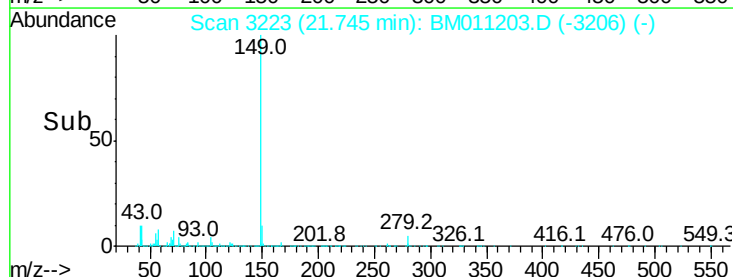
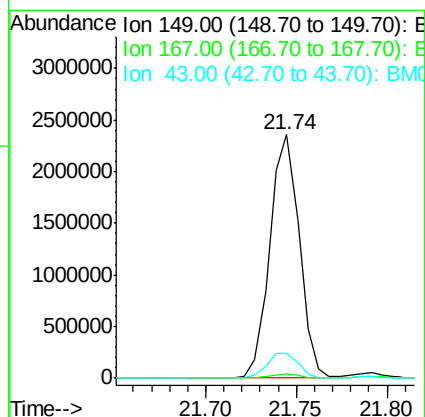
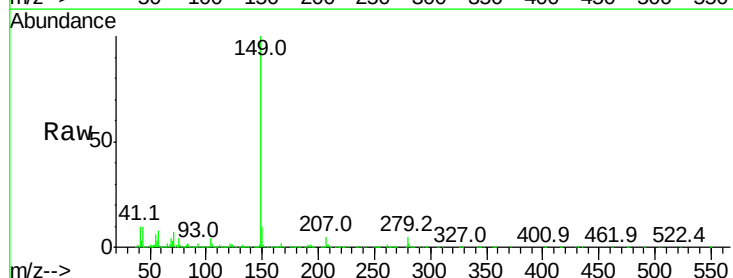
Tgt Ion:149 Resp: 2650148

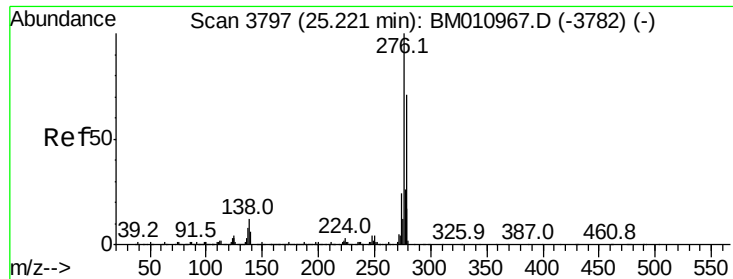
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.1 7.3 10.9#





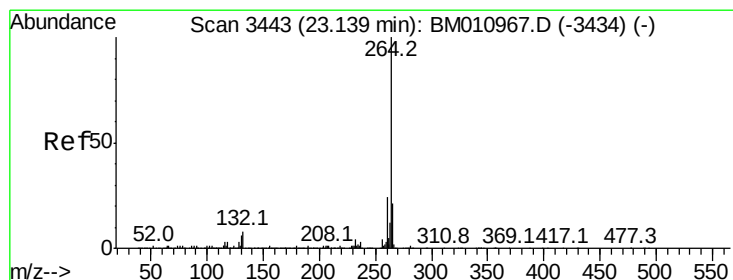
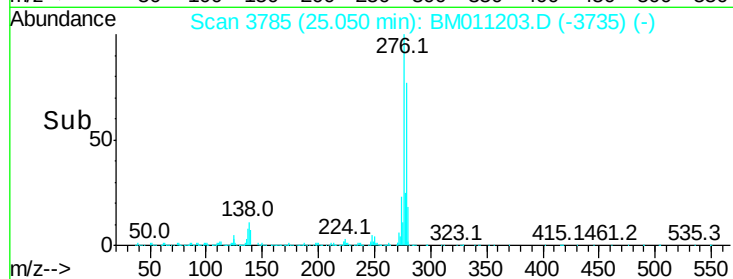
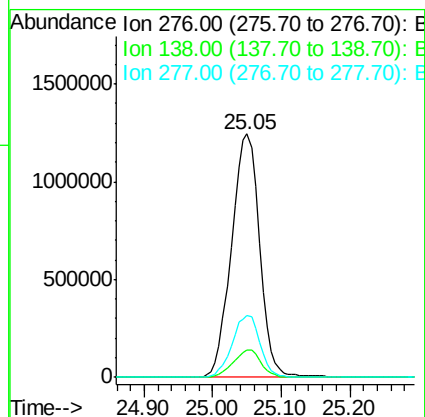
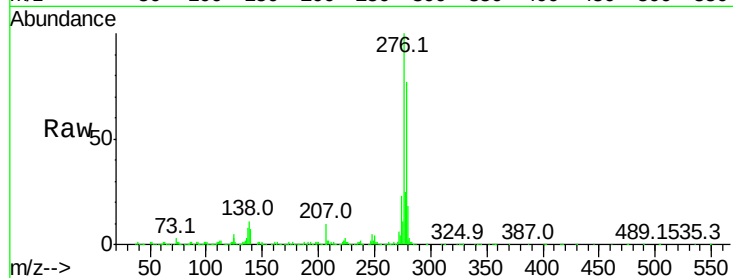
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.222 ng
 RT: 25.05 min Scan# 3785
 Delta R.T. -0.01 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Instrument :
 BNA_M
 ClientSampleId :
 RO-124019-72-12014MSD

Tot Ion:276 Resp: 3541084
 Ion Ratio Lower Upper
 276 100
 138 11.2 12.0 18.0#
 277 25.2 20.0 30.0

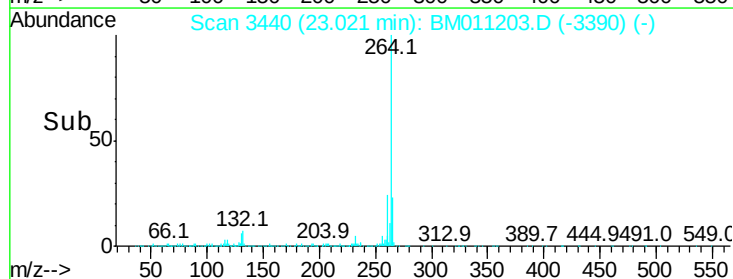
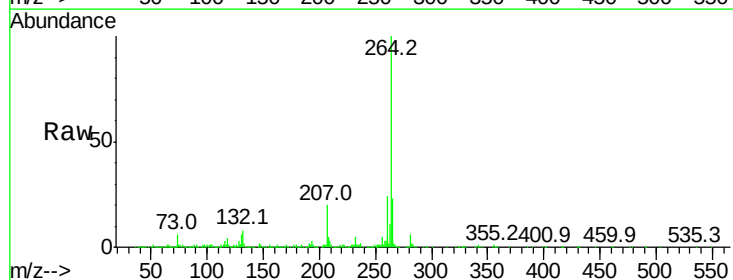
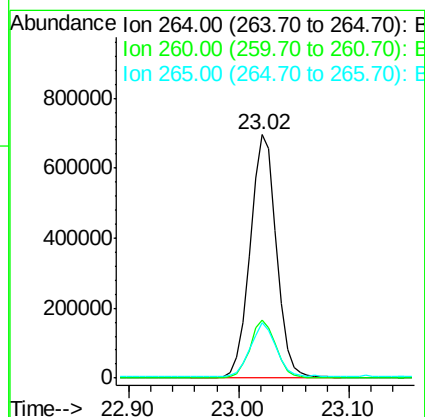
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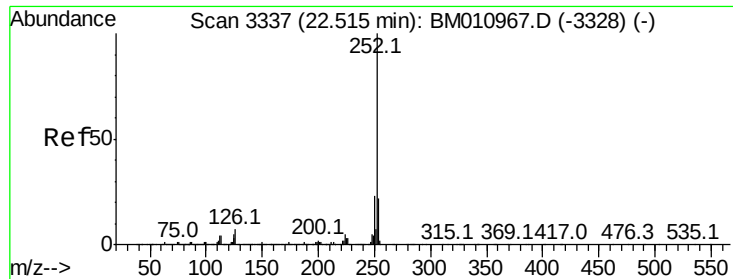
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.01 min
 Lab File: BM011203.D
 Acq: 11 Aug 2017 16:16

Tgt Ion:264 Resp: 1165281
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 22.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 43.839 ng

RT: 22.42 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

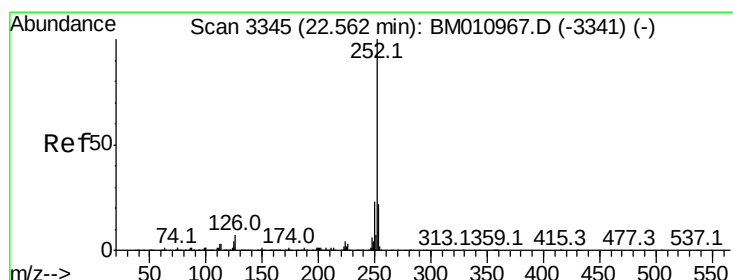
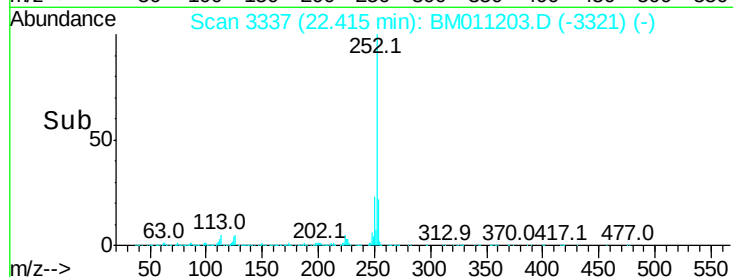
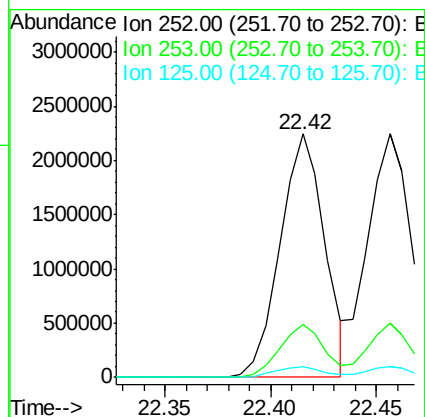
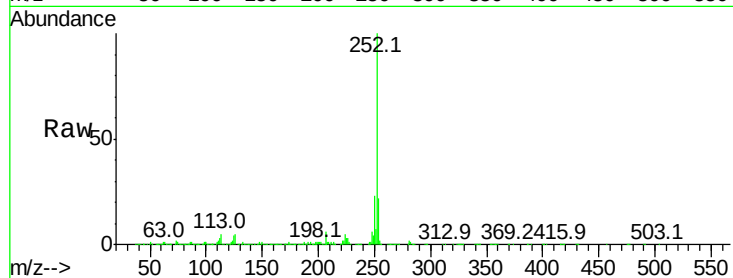
ClientSampleId :

RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	4.4	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 45.183 ng

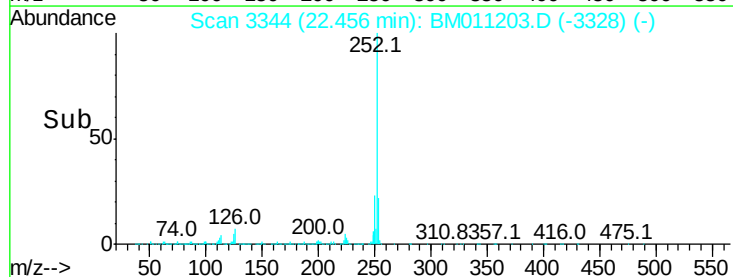
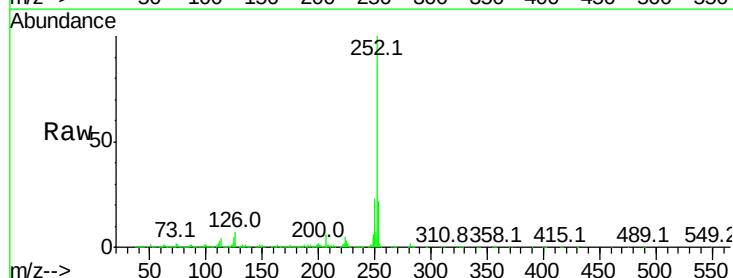
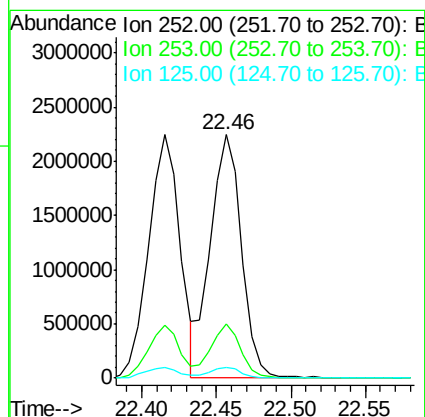
RT: 22.46 min Scan# 3344

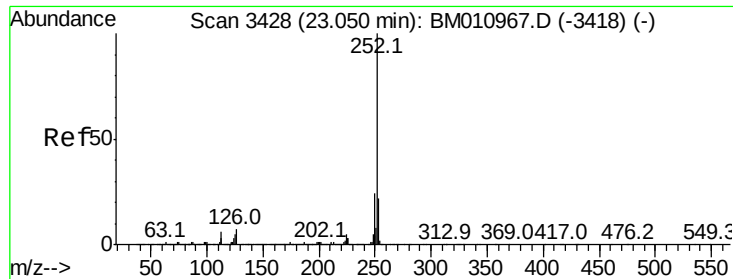
Delta R.T. -0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	4.6	8.1	12.1





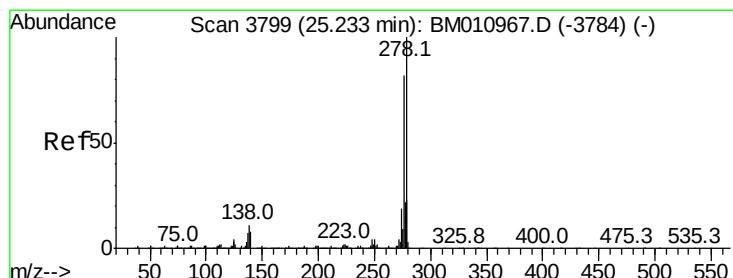
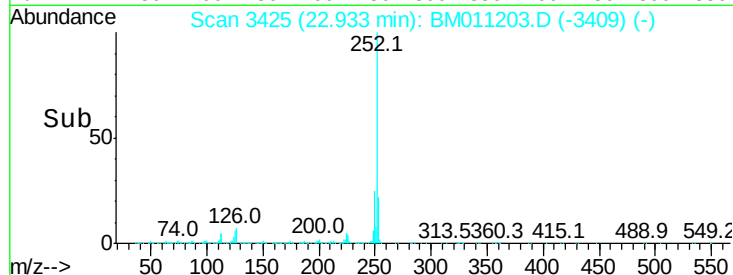
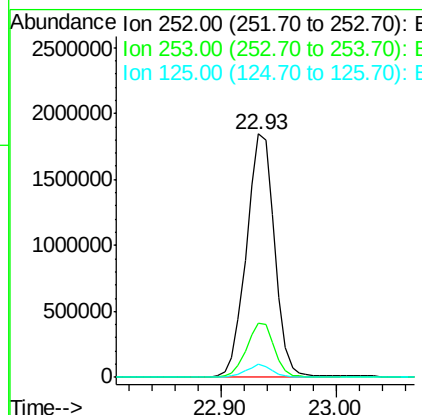
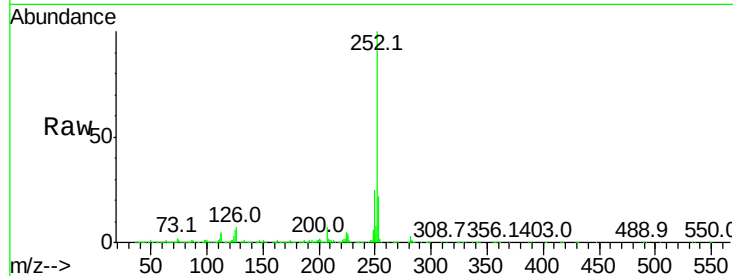
#89
Benzo(a)pyrene
Concen: 46.234 ng
RT: 22.93 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Instrument :
BNA_M
ClientSampleId :
RO-124019-72-12014MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	5.5	7.4	11.2

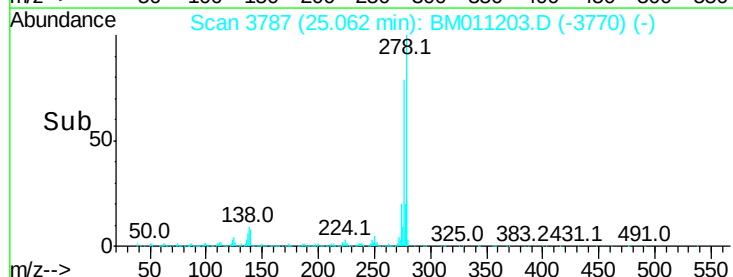
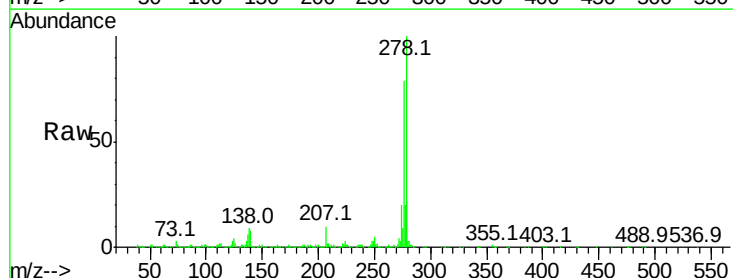
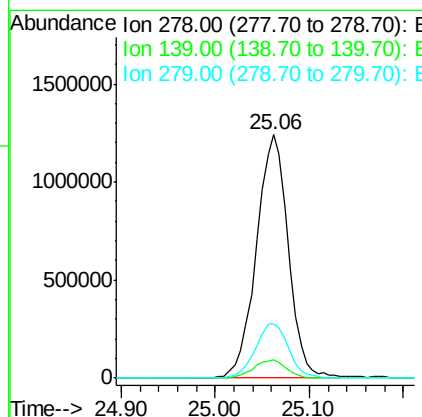
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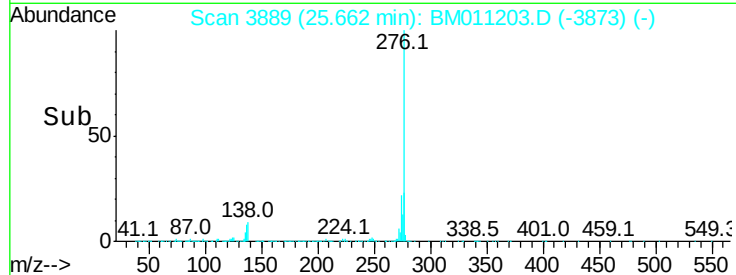
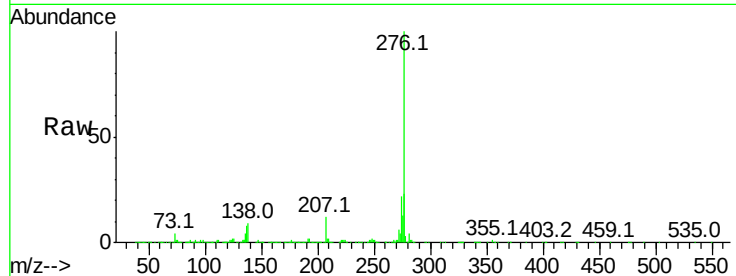
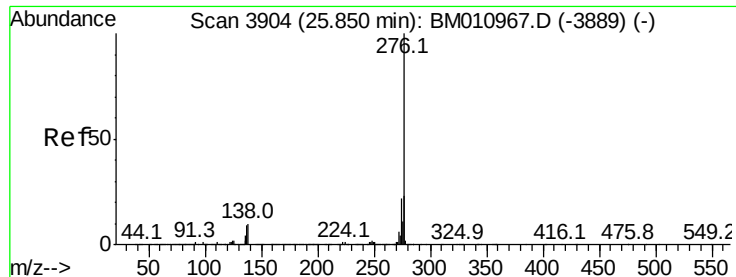
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#90
Dibenzo(a,h)anthracene
Concen: 46.447 ng
RT: 25.06 min Scan# 3787
Delta R.T. 0.00 min
Lab File: BM011203.D
Acq: 11 Aug 2017 16:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	22.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.658 ng

RT: 25.66 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BM011203.D

Acq: 11 Aug 2017 16:16

Instrument :

BNA_M

ClientSampleId :

RO-124019-72-12014MSD

Tot Ion:276 Resp: 2935909

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 8.7 19.0 28.6#

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