

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
 Data File : BB058627.D
 Acq On : 13 Oct 2016 11:26
 Operator : UM/SJ
 Sample : MDL-02-S
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-02-S

Manual Integrations
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 10/13/2016 4:36:24 PM

Quant Time: Oct 13 12:52:37 2016
 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 12:50:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	549361	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	2032177	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1242425	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1902047	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	2021606	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1552175	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	56248	4.64	ng/uL	0.02
5) Phenol-d5	7.81	99	797296	19.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	572524	21.41	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	880274	21.26	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	671107	20.31	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	450835	21.46	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	508240	22.48	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	684623	21.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	918138	23.80	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	1759045	21.29	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2168225	22.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	316144	16.66	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1511037	22.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	350832	17.37	ng/ul	0.00
70) Anthracene-d10	18.53	188	1972662m	23.19	ng/ul	0.00
76) Pyrene-d10	20.86	212	2155540	24.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	1510713	21.31	ng/ul	-0.04

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.69	88	7542	0.63	ng/uL#	81
4) Benzaldehyde	7.73	77	48221	1.88	ng/ul#	81
6) Phenol	7.83	94	78387	1.98	ng/ul#	33
8) Bis(2-Chloroethyl)ether	8.06	93	69328	2.12	ng/ul#	81
10) 2-Chlorophenol	8.22	128	81497	2.07	ng/ul#	69
11) 2-Methylphenol	9.16	108	62918	1.98	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.25	45	127802	2.23	ng/ul#	89
14) Acetophenone	9.54	105	98014	2.03	ng/ul#	76
15) N-Nitroso-di-n-propylamine	9.54	70	60291	2.11	ng/ul#	57
16) 4-Methylphenol	9.51	108	66719	1.94	ng/ul	99
17) Hexachloroethane	9.83	117	40231	2.11	ng/ul#	59
20) Nitrobenzene	9.93	77	85973	2.18	ng/ul#	97
21) Isophorone	10.49	82	166038	2.18	ng/ul	97
23) 2-Nitrophenol	10.70	139	50383	2.14	ng/ul#	86
24) 2,4-Dimethylphenol	10.78	107	80926	2.09	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.99	93	76047	2.07	ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	67326	2.10	ng/ul#	79
28) Naphthalene	11.68	128	218039	2.25	ng/ul	99
30) 4-Chloroaniline	11.78	127	83193	2.27	ng/ul	95
31) Hexachlorobutadiene	12.03	225	46272	2.11	ng/ul	97
32) Caprolactam	12.57	113	21059	1.81	ng/ul	92
33) 4-Chloro-3-methylphenol	12.95	107	67248	2.10	ng/ul#	85
34) 2-Methylnaphthalene	13.34	142	148241	2.22	ng/ul	95

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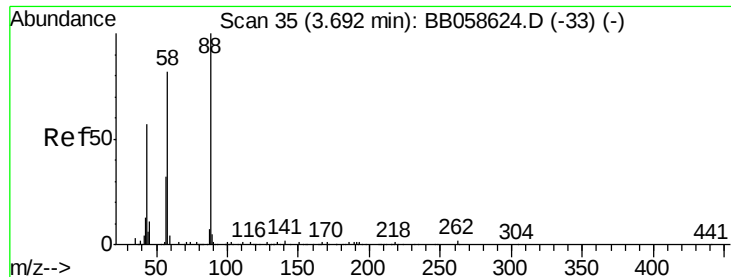
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 12:50:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	78715	2.06	ng/ul#	96
37) Hexachlorocyclopentadiene	13.74	237	26381	1.10	ng/ul	98
38) 2,4,6-Trichlorophenol	13.97	196	45188	1.95	ng/ul	92
39) 2,4,5-Trichlorophenol	14.03	196	46786	1.90	ng/ul	98
40) 1,1'-Biphenyl	14.38	154	175247	2.10	ng/ul#	97
41) 2-Chloronaphthalene	14.41	162	134831	2.03	ng/ul	99
42) 2-Nitroaniline	14.59	65	48278	1.89	ng/ul#	68
44) Dimethylphthalate	14.99	163	170640	2.07	ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	39634	1.90	ng/ul	92
47) Acenaphthylene	15.28	152	214211	2.27	ng/ul	97
48) 3-Nitroaniline	14.61	138	47387	1.74	ng/ul#	36
49) Acenaphthene	15.65	153	139904	2.16	ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	13544	0.91	ng/ul#	61
52) 4-Nitrophenol	15.78	109	28376	1.84	ng/ul	82
53) Dibenzofuran	15.99	168	191067	2.07	ng/ul	98
54) 2,4-Dinitrotoluene	15.94	165	54945	1.89	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	16.22	232	39187	1.82	ng/ul#	69
56) Diethylphthalate	16.42	149	195830	2.28	ng/ul	94
58) Fluorene	16.67	166	159368	2.12	ng/ul	88
59) 4-Chlorophenyl-phenylether	16.65	204	81449	2.02	ng/ul	92
60) 4-Nitroaniline	16.65	138	25856	1.20	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.73	198	32082	1.59	ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	129909	2.12	ng/ul	94
65) 4-Bromophenyl-phenylether	17.57	248	47692	1.96	ng/ul#	88
66) Hexachlorobenzene	17.73	284	49585	2.03	ng/ul#	67
67) Atrazine	17.84	200	50618	2.17	ng/ul	92
68) Pentachlorophenol	18.07	266	24879	1.44	ng/ul	99
69) Phenanthrene	18.46	178	219257	2.32	ng/ul	99
71) Anthracene	18.55	178	220928	2.28	ng/ul	99
72) Carbazole	18.82	167	188893	2.34	ng/ul#	96
73) Di-n-butylphthalate	19.40	149	318150	2.41	ng/ul	98
74) Fluoranthene	20.52	202	242639	2.52	ng/ul	99
77) Pyrene	20.88	202	237418	2.25	ng/ul#	93
78) Butylbenzylphthalate	21.79	149	147953	2.16	ng/ul#	93
79) 3,3'-Dichlorobenzidine	22.67	252	43414	1.22	ng/ul#	93
80) Benzo(a)anthracene	22.77	228	233677	2.27	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	22.67	149	186723	2.05	ng/ul	99
82) Chrysene	22.83	228	198566	2.06	ng/ul	97
84) Di-n-octyl phthalate	22.67	149	186723	2.31	ng/ul#	40
85) Benzo(b)fluoranthene	24.91	252	178550	1.74	ng/ul	99
86) Benzo(k)fluoranthene	24.97	252	182795	2.30	ng/ul#	94
88) Benzo(a)pyrene	25.72	252	160357	1.86	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.12	276	118352	1.57	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.16	278	90653	1.45	ng/ul#	91
91) Benzo(g,h,i)perylene	30.13	276	96602	1.62	ng/ul#	91

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



#2

1,4-Dioxane

Concen: 0.63 ng/uL

RT: 3.69 min Scan# 35

Delta R.T. 0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

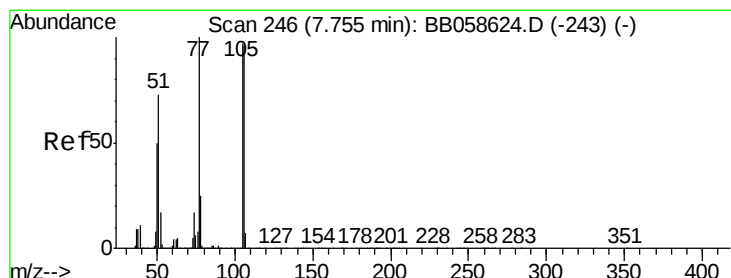
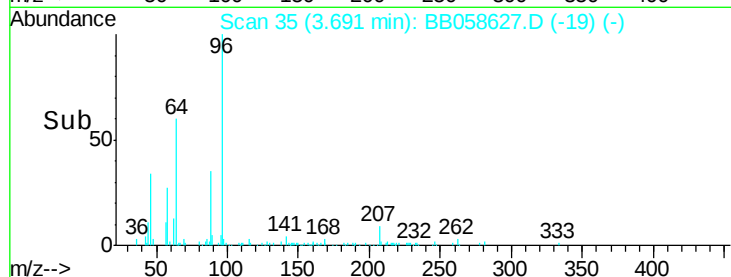
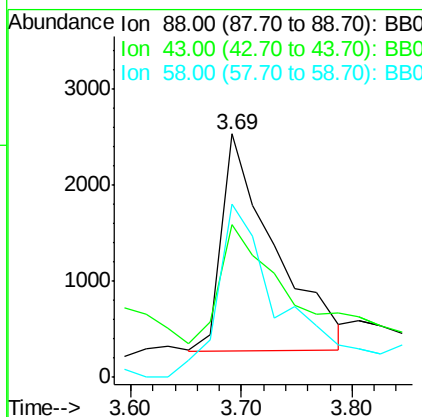
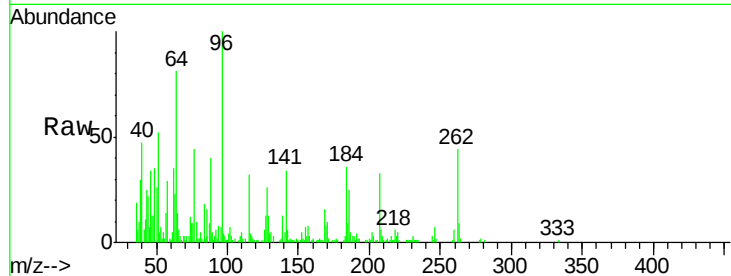
ClientSampleId :

MDL-02-S

Tgt Ion:	88	Resp:	7542
Ion Ratio	Lower	Upper	
88	100		
43	58.3	22.6	34.0#
58	68.2	57.3	85.9

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#4

Benzaldehyde

Concen: 1.88 ng/uL

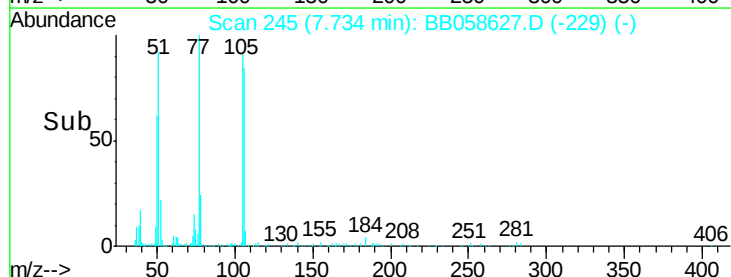
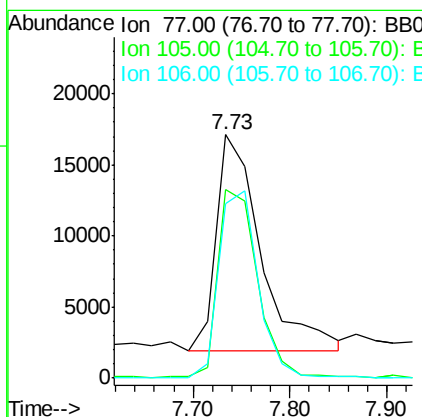
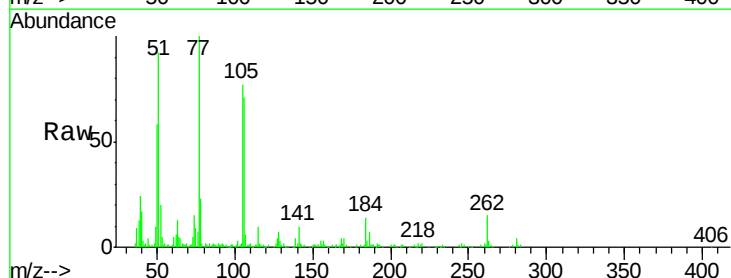
RT: 7.73 min Scan# 245

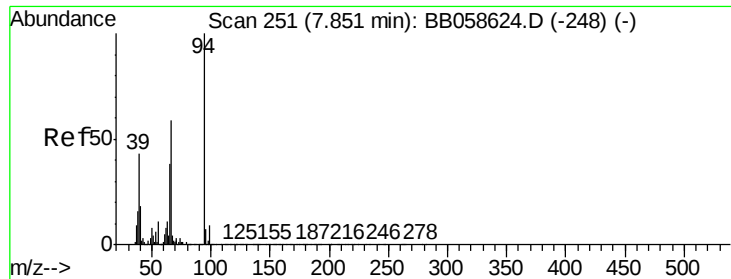
Delta R.T. 0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion:	77	Resp:	48221
Ion Ratio	Lower	Upper	
77	100		
105	77.4	76.9	115.3
106	71.4	71.8	107.8#





#6

Phenol

Concen: 1.98 ng/ul

RT: 7.83 min Scan# 250

Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

ClientSampleId :

MDL-02-S

Tgt Ion: 94 Resp: 78387

Ion Ratio Lower Upper

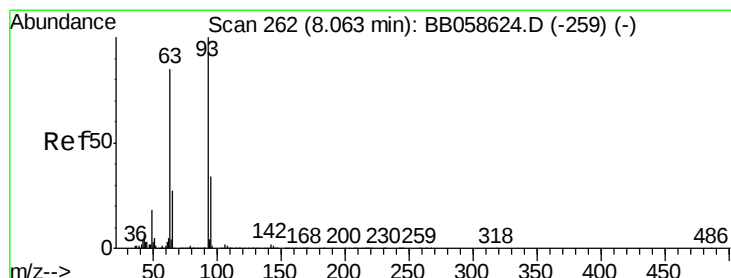
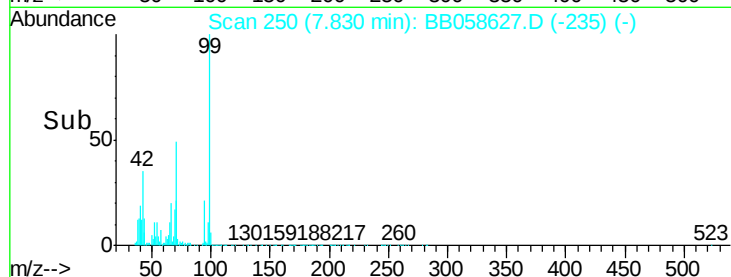
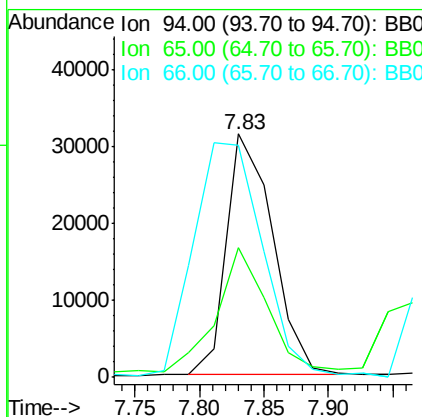
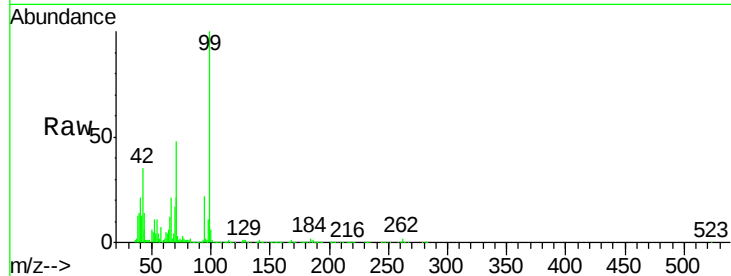
94 100

65 53.4 23.9 35.9#

66 95.3 33.5 50.3#

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#8

Bis(2-Chloroethyl)ether

Concen: 2.12 ng/ul

RT: 8.06 min Scan# 262

Delta R.T. 0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

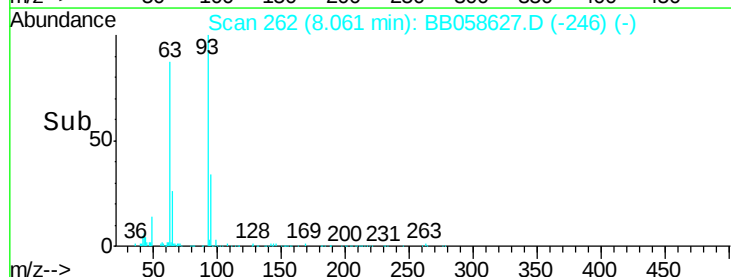
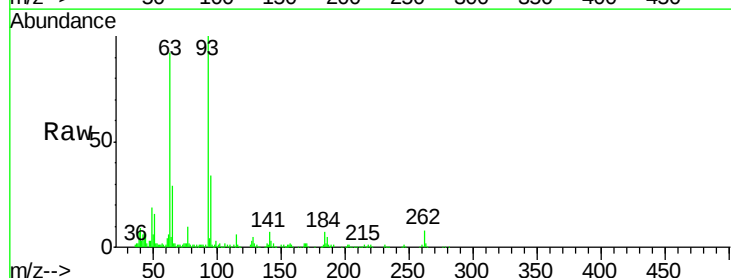
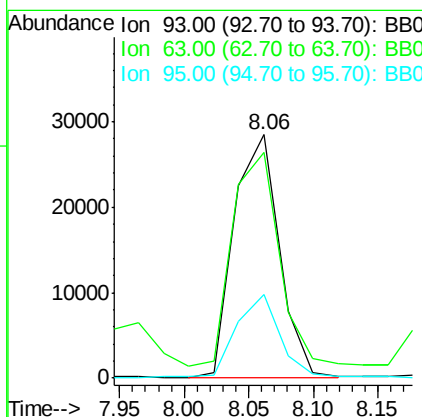
Tgt Ion: 93 Resp: 69328

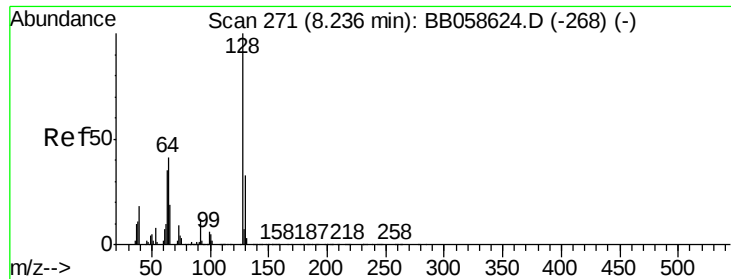
Ion Ratio Lower Upper

93 100

63 92.4 57.3 85.9#

95 34.4 25.1 37.7





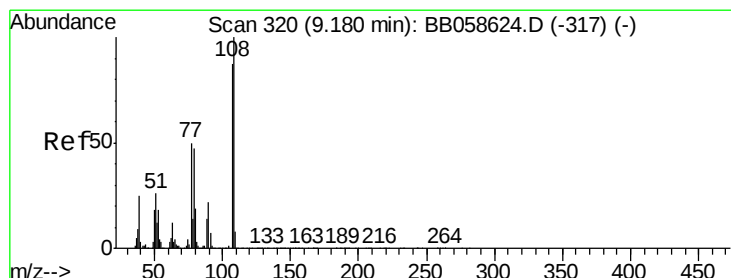
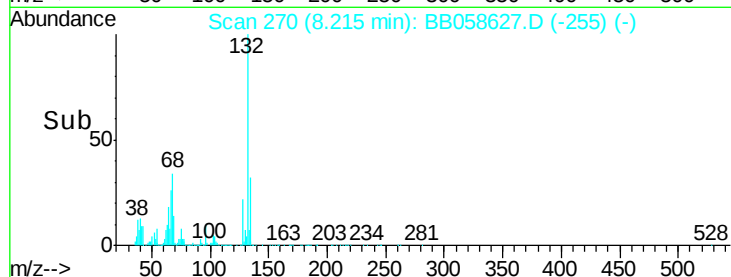
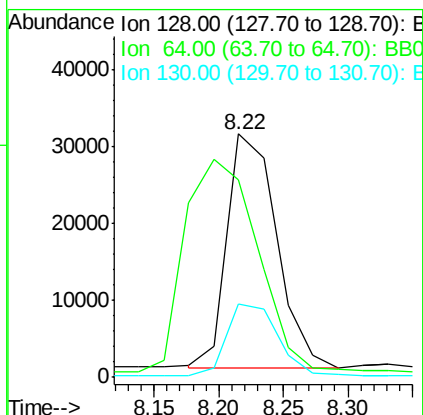
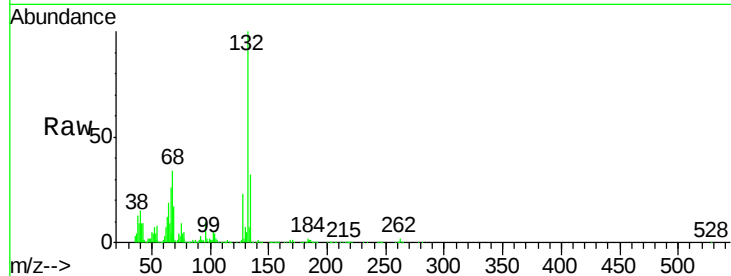
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2-Chlorophenol
Concen: 2.07 ng/ul
RT: 8.22 min Scan# 270
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Lower	Upper
128	100		
64	80.9	37.5	56.3
130	30.3	25.0	37.4

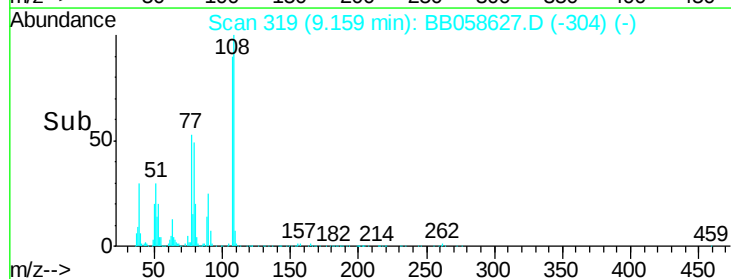
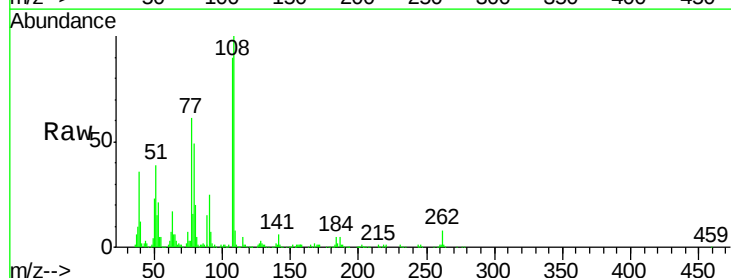
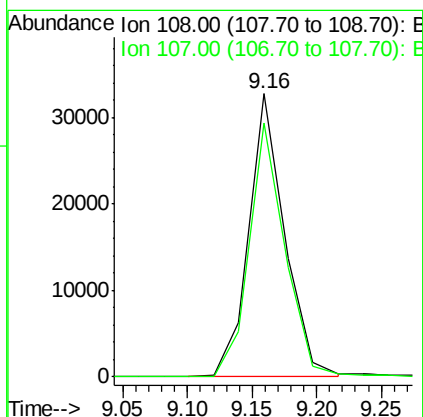
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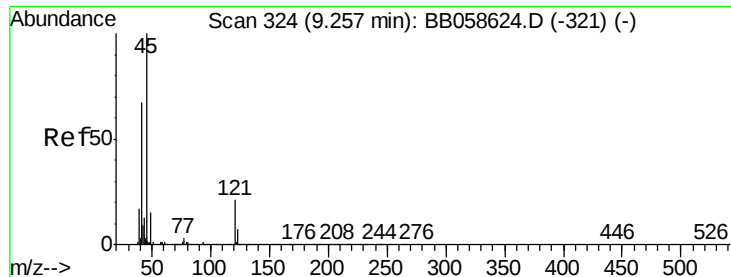
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#11
2-Methylphenol
Concen: 1.98 ng/ul
RT: 9.16 min Scan# 319
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Lower	Upper
108	100		
107	89.9	71.8	107.6





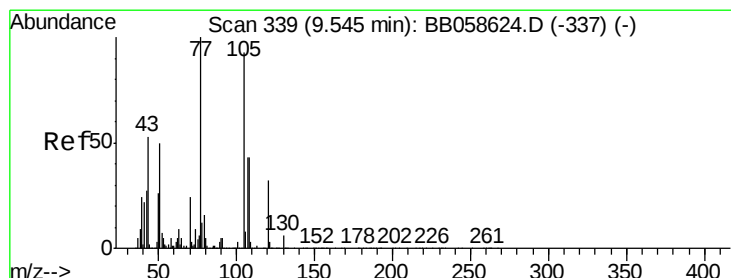
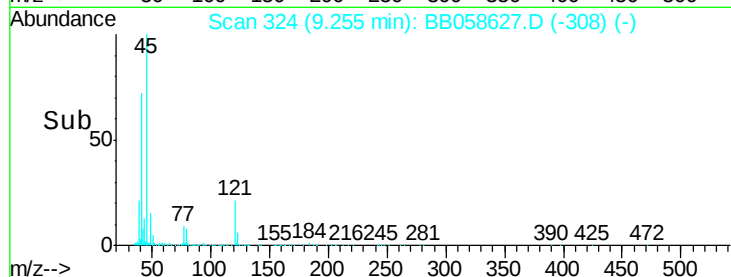
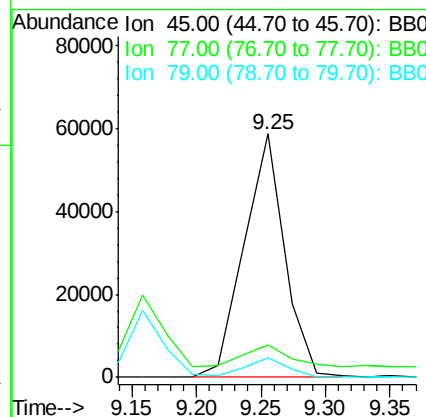
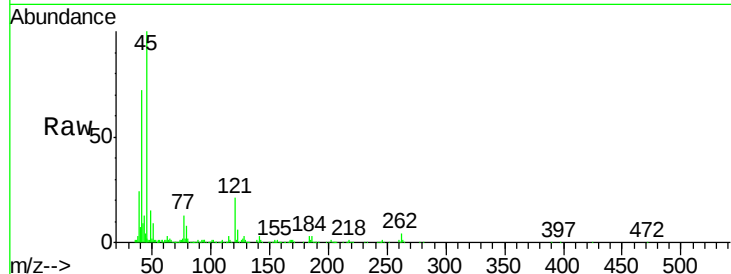
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.23 ng/ul
RT: 9.25 min Scan# 324
Delta R.T. 0.02 min
Lab File: BB058627.D
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Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	14.1	21.1#
79	7.9	10.4	15.6#

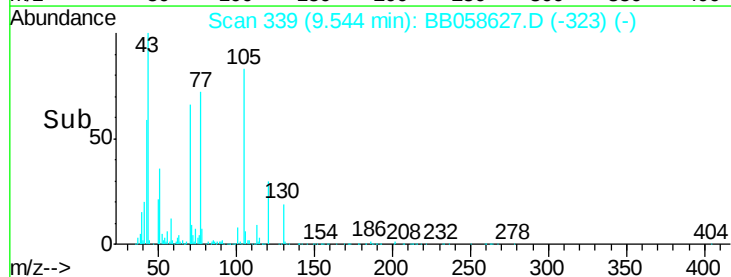
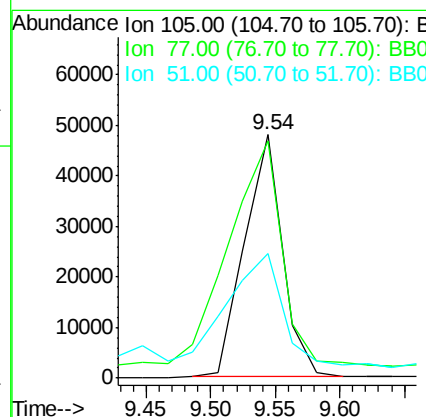
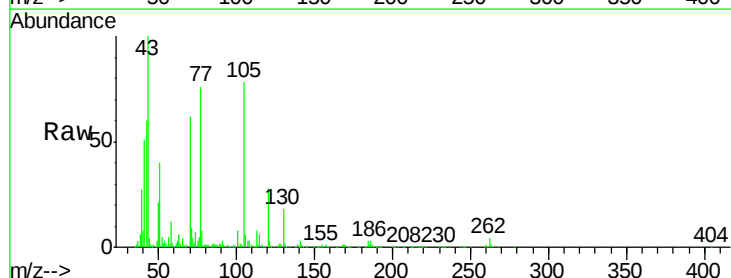
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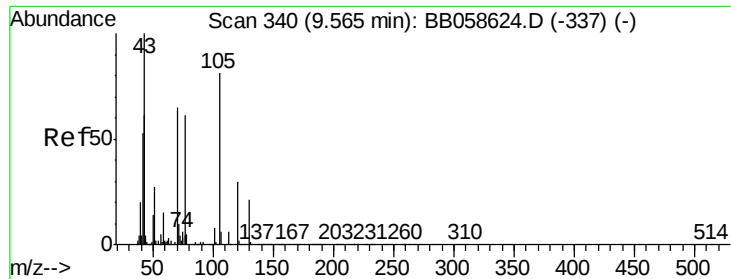
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#14
Acetophenone
Concen: 2.03 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. 0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Lower	Upper
105	100		
77	97.3	65.9	98.9
51	51.2	22.2	33.2#





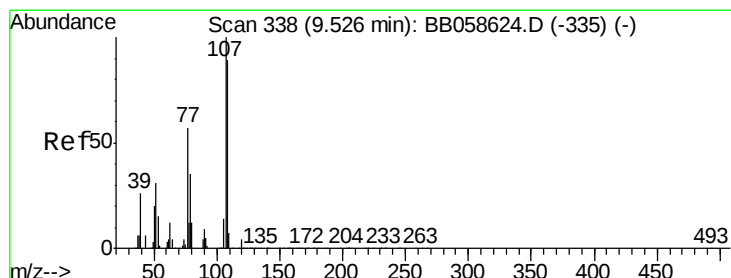
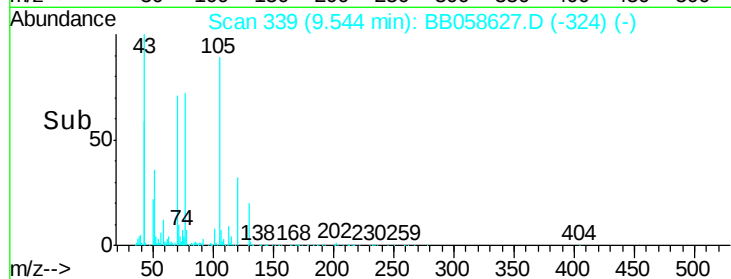
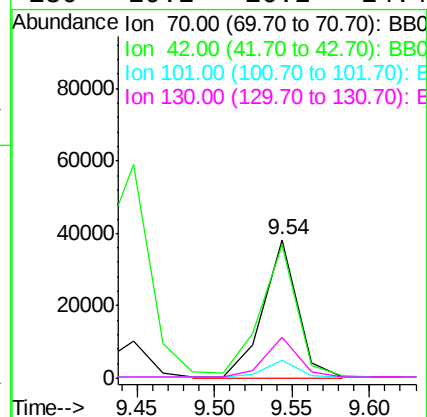
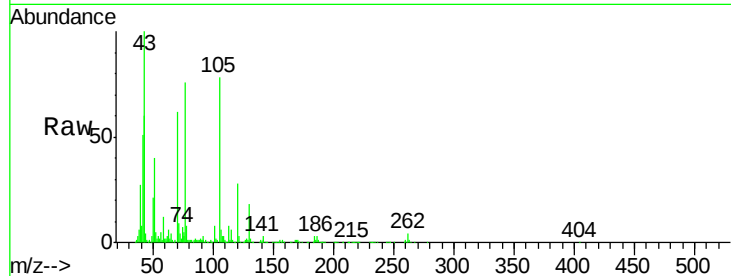
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N-Nitroso-di-n-propylamine
Concen: 2.11 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Lower	Upper
70	100		
42	96.1	43.4	65.2#
101	12.6	7.8	11.6#
130	29.2	16.2	24.4#

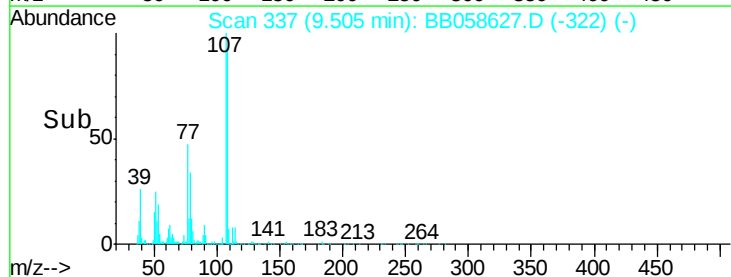
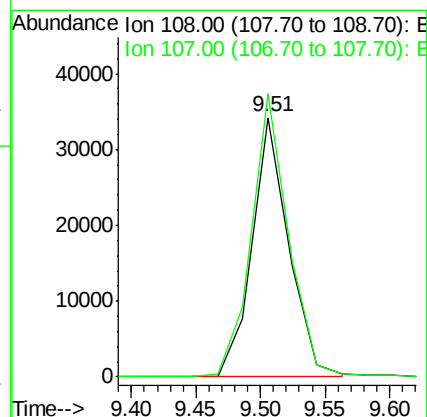
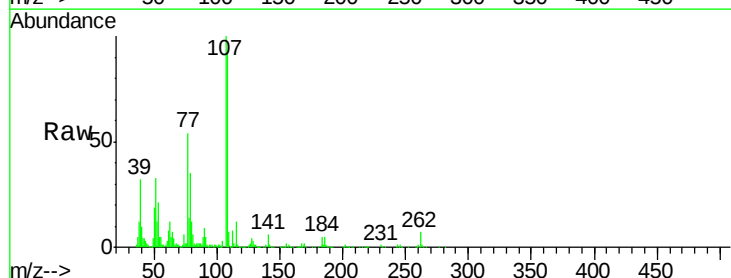
Manual Integrations
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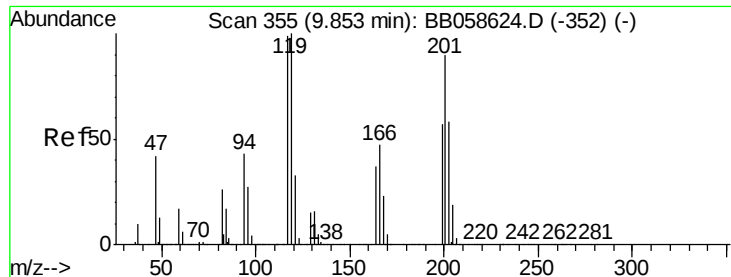
sohil
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#16
4-Methylphenol
Concen: 1.94 ng/ul
RT: 9.51 min Scan# 337
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Lower	Upper
108	100		
107	109.1	87.8	131.8





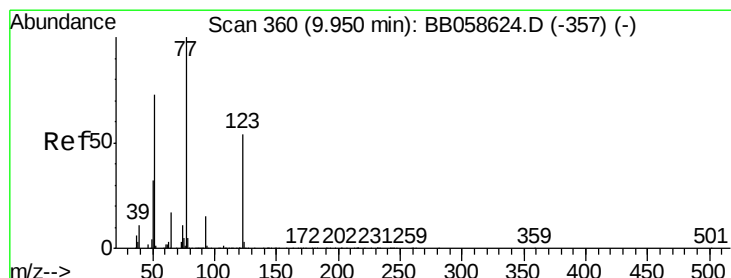
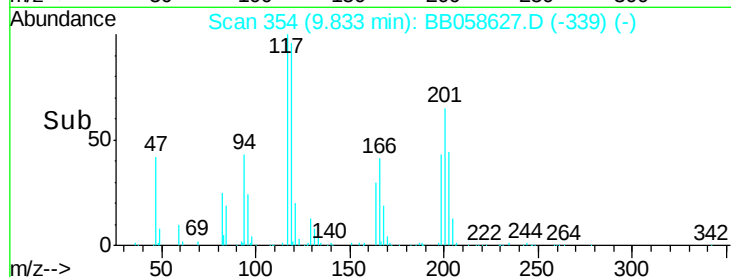
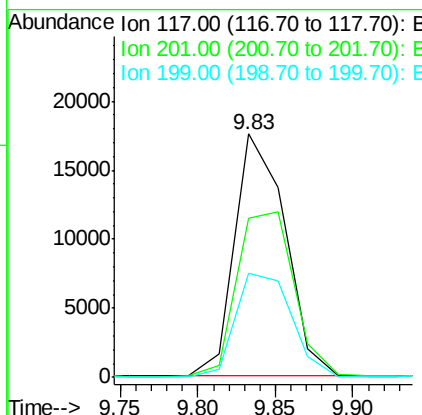
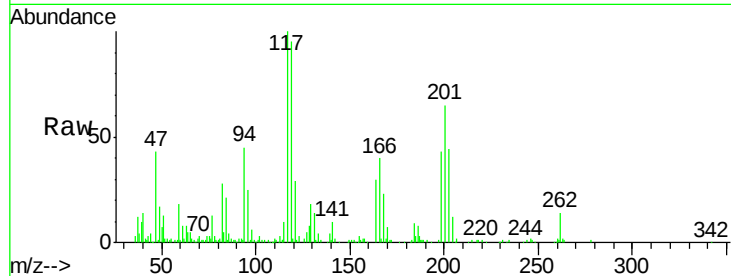
#17
Hexachloroethane
Concen: 2.11 ng/ul
RT: 9.83 min Scan# 354
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40231		
201	65.2	90.3	135.5#	
199	42.5	58.5	87.7#	

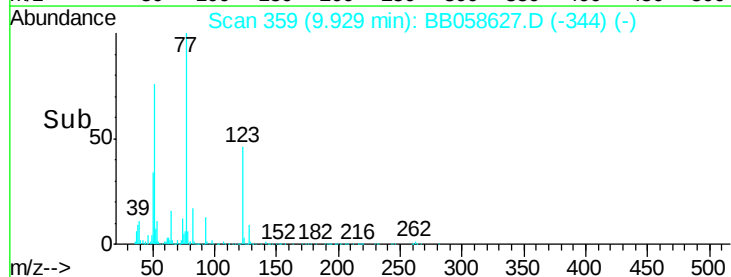
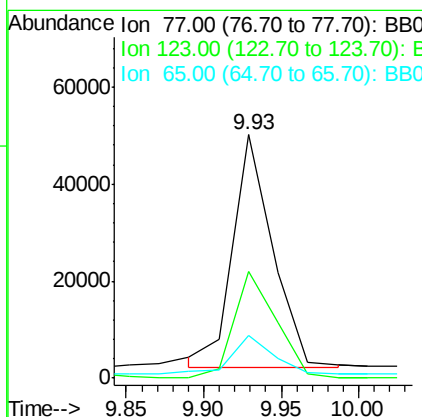
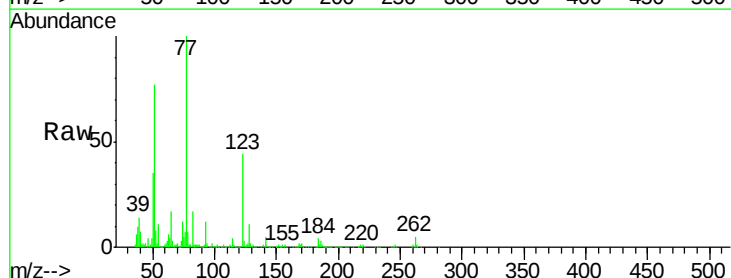
Manual Integrations
APPROVED

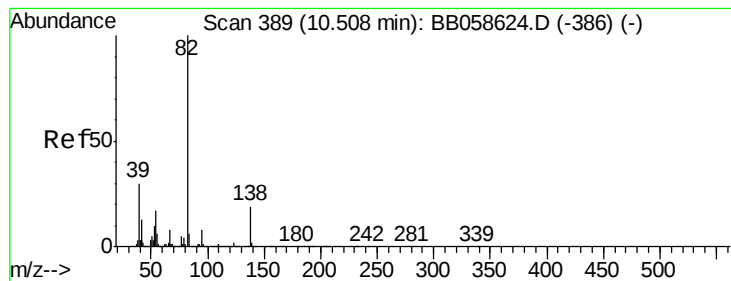
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#20
Nitrobenzene
Concen: 2.18 ng/ul
RT: 9.93 min Scan# 359
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	85973		
123	43.9	34.2	51.4	
65	17.3	11.0	16.6#	





#21

Isophorone

Concen: 2.18 ng/ul

RT: 10.49 min Scan# 388

Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

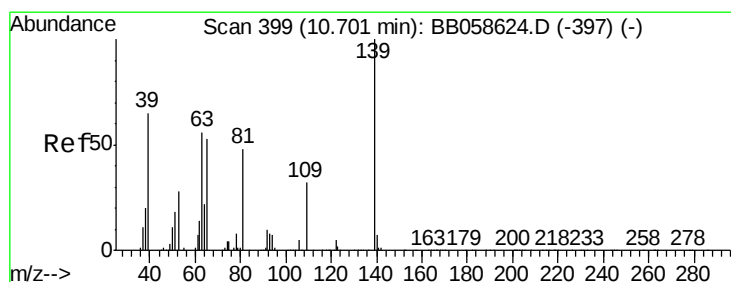
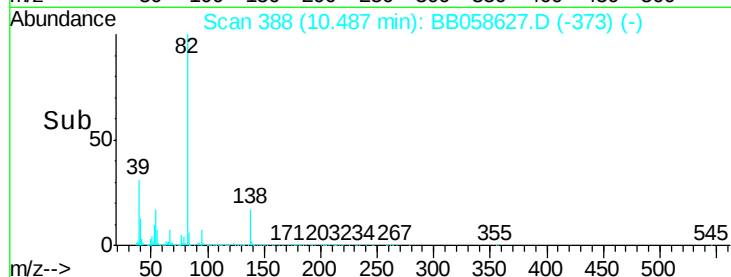
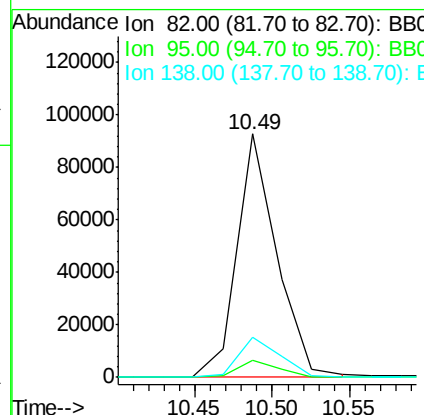
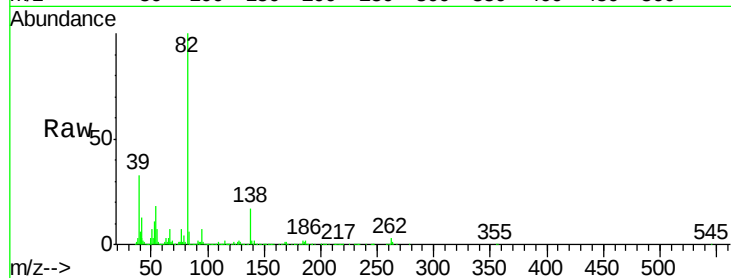
ClientSampleId :

MDL-02-S

Tgt Ion:	82	Resp:	166038
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.9	10.3
138	16.6	13.8	20.8

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#23

2-Nitrophenol

Concen: 2.14 ng/ul

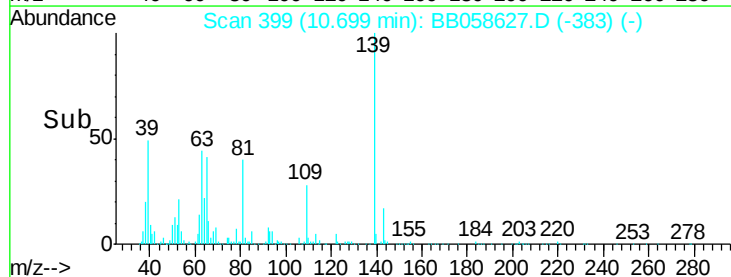
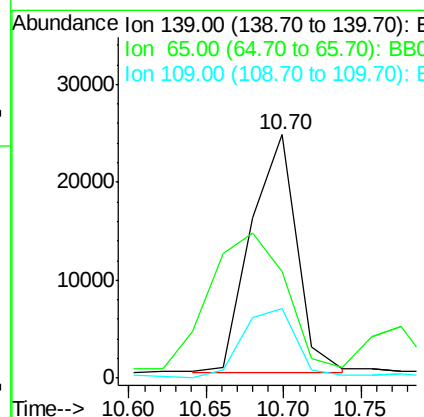
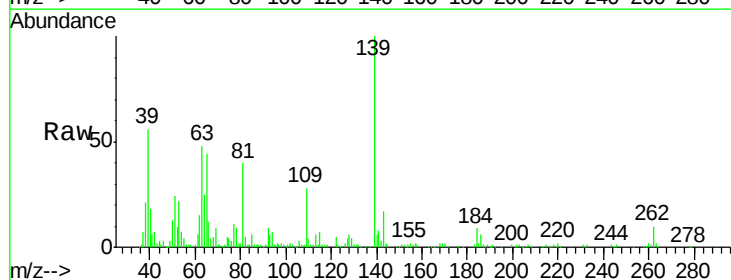
RT: 10.70 min Scan# 399

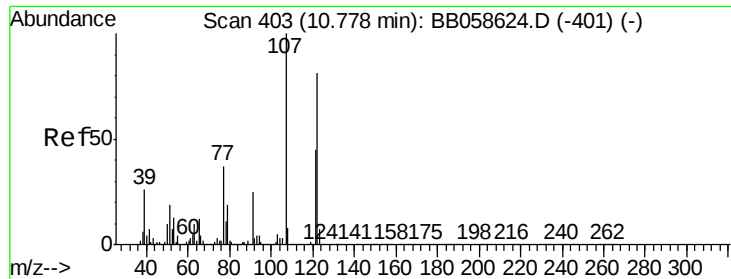
Delta R.T. 0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion:	139	Resp:	50383
Ion Ratio	Lower	Upper	
139	100		
65	44.0	44.2	66.4#
109	28.4	28.2	42.4





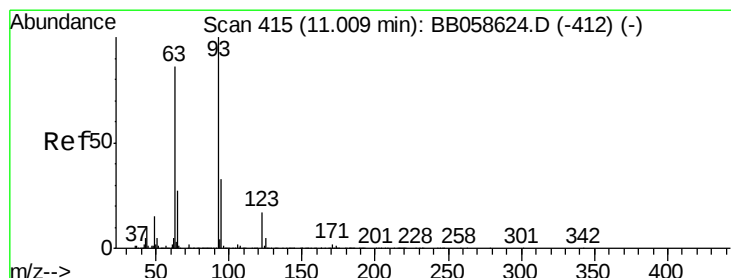
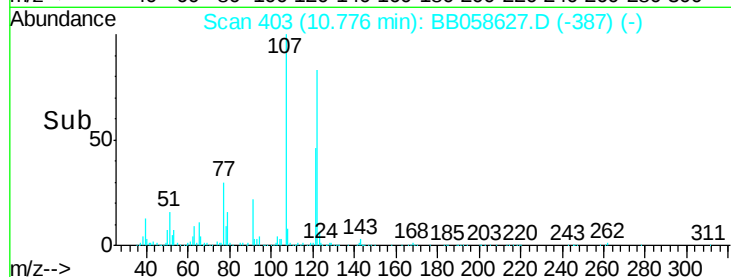
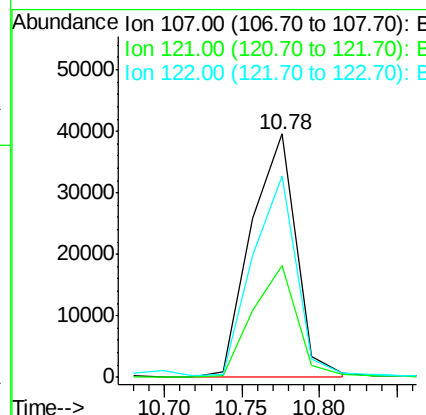
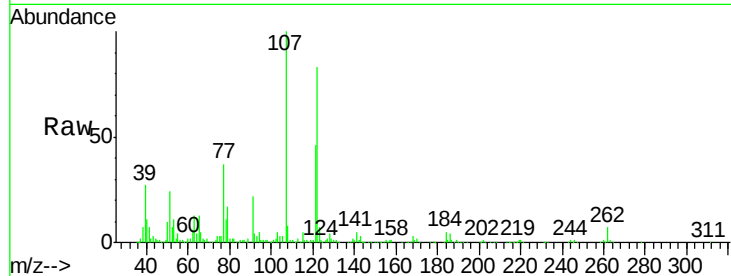
#24
2,4-Dimethylphenol
Concen: 2.09 ng/ul
RT: 10.78 min Scan# 403
Delta R.T. 0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Lower	Upper
107	100		
121	45.8	37.1	55.7
122	82.8	62.8	94.2

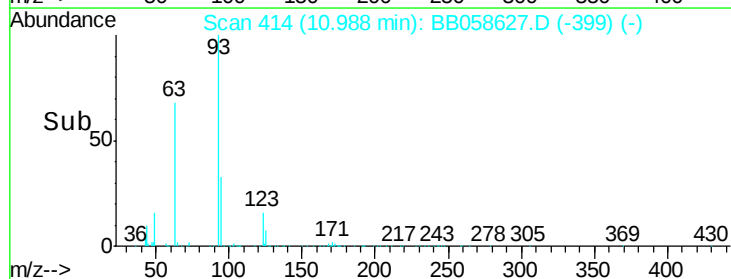
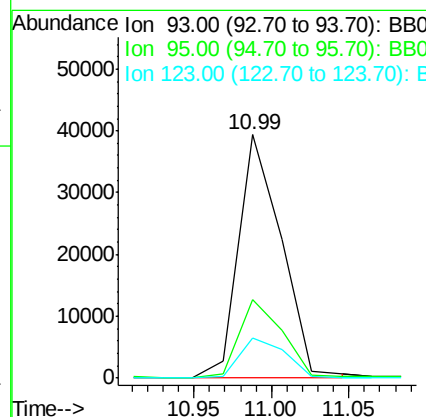
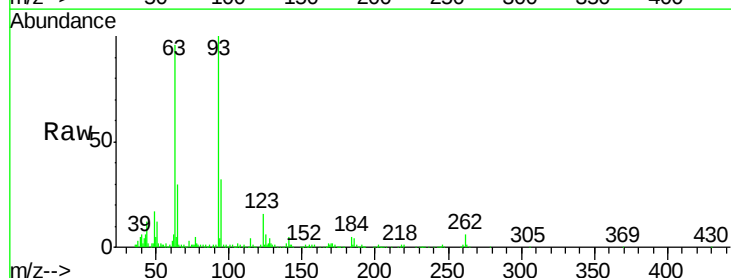
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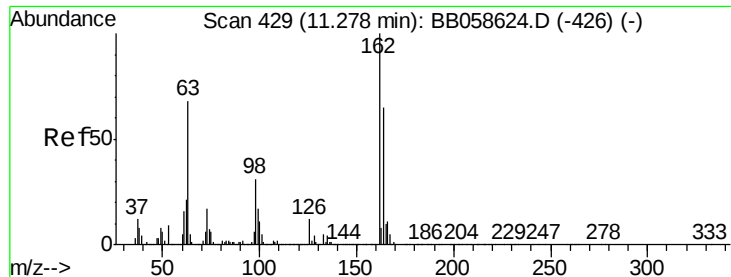
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#25
Bis(2-Chloroethoxy)methane
Concen: 2.07 ng/ul
RT: 10.99 min Scan# 414
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.0
123	16.3	8.3	12.5





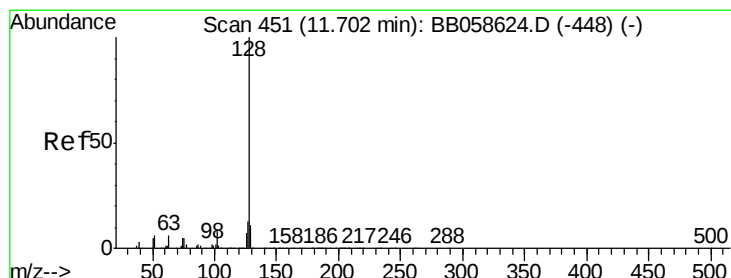
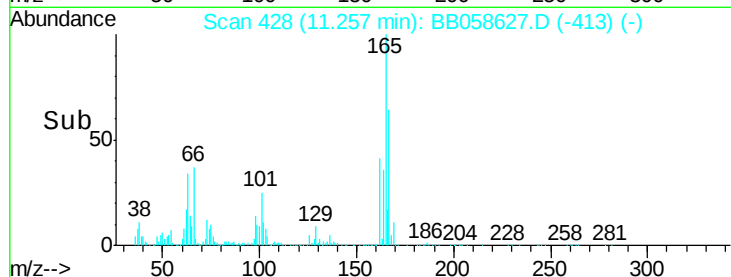
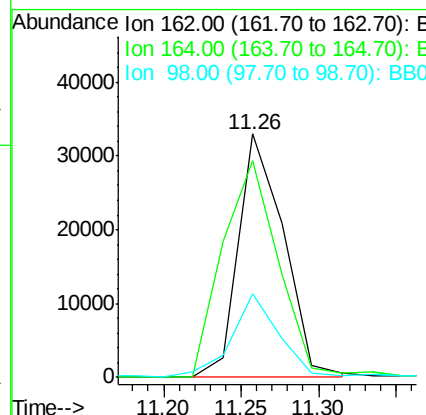
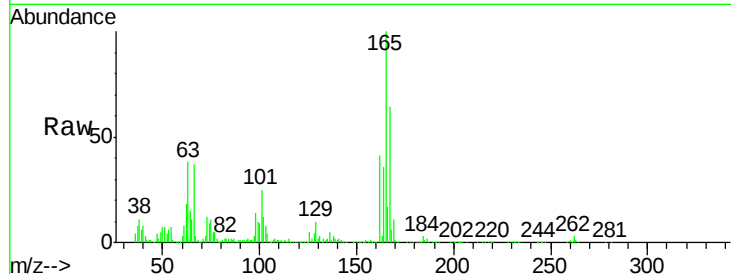
#27
2,4-Dichlorophenol
Concen: 2.10 ng/ul
RT: 11.26 min Scan# 428
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	89.0	51.6	77.4#
98	34.1	28.4	42.6

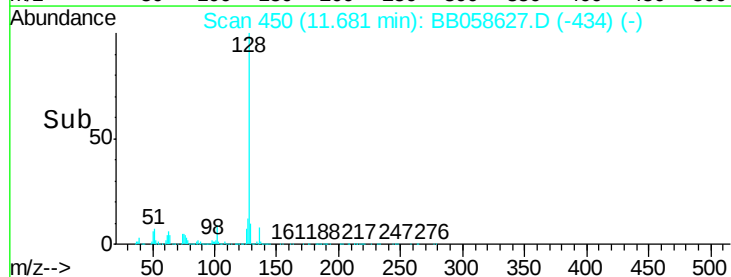
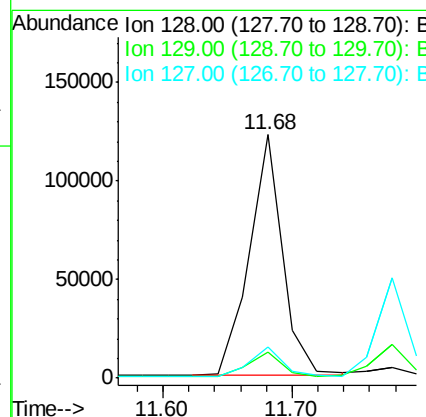
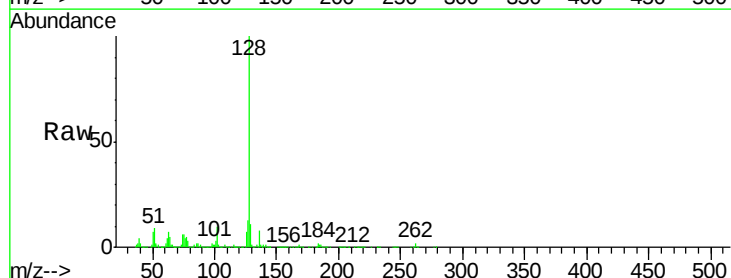
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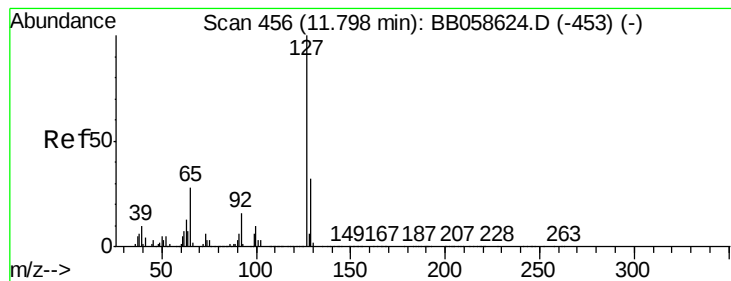
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#28
Naphthalene
Concen: 2.25 ng/ul
RT: 11.68 min Scan# 450
Delta R.T. 0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.6	12.8
127	12.9	10.6	15.8





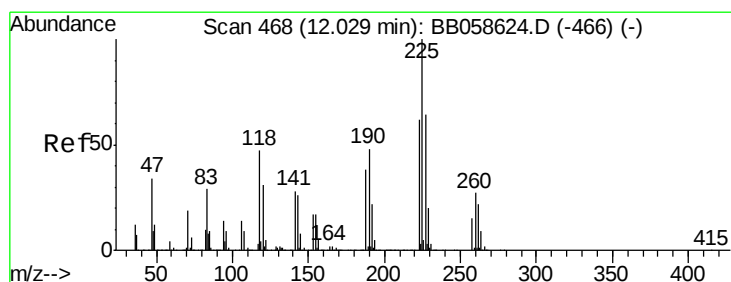
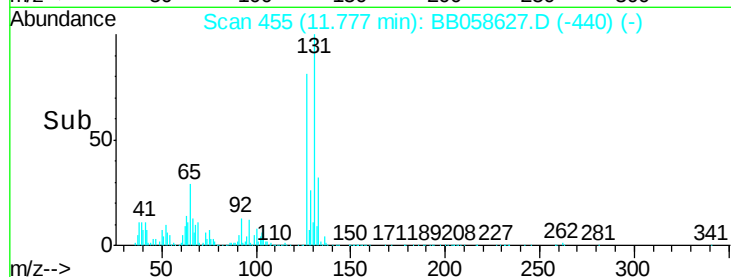
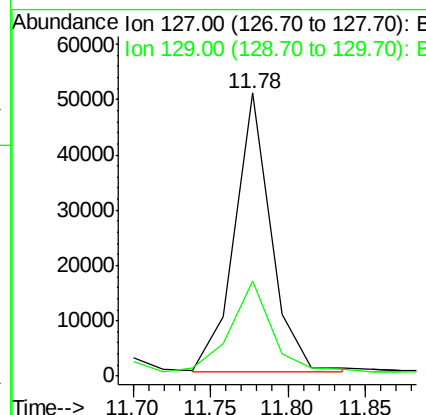
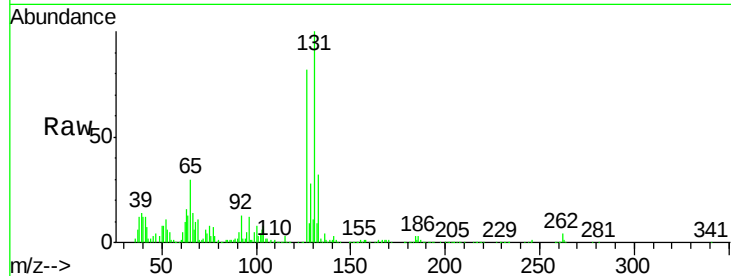
#30
4-Chloroaniline
Concen: 2.27 ng/ul
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	24.6	37.0

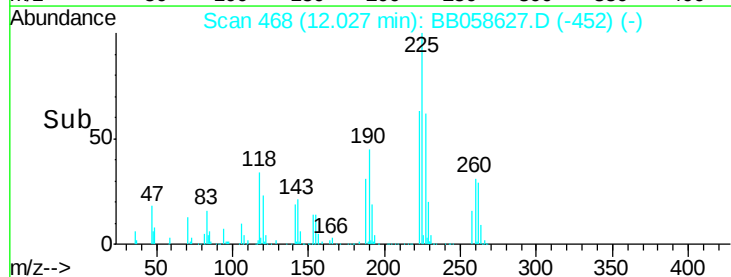
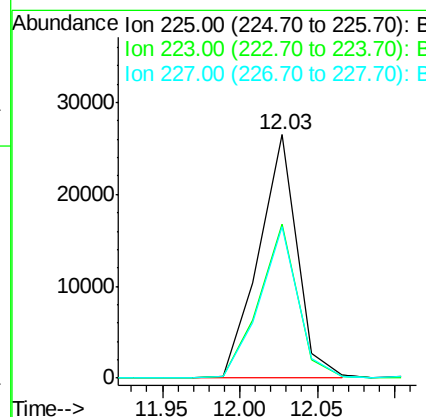
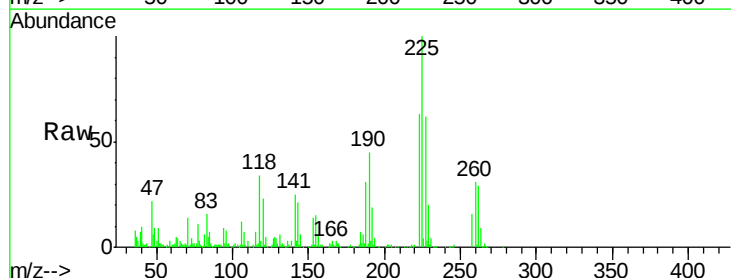
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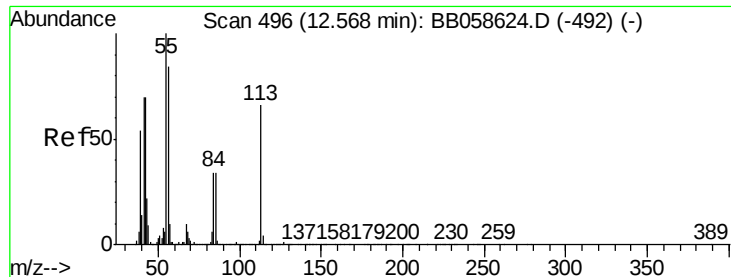
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#31
Hexachlorobutadiene
Concen: 2.11 ng/ul
RT: 12.03 min Scan# 468
Delta R.T. 0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.2	76.8
227	62.0	52.5	78.7





#32

Caprolactam

Concen: 1.81 ng/ul

RT: 12.57 min Scan# 496

Delta R.T. 0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

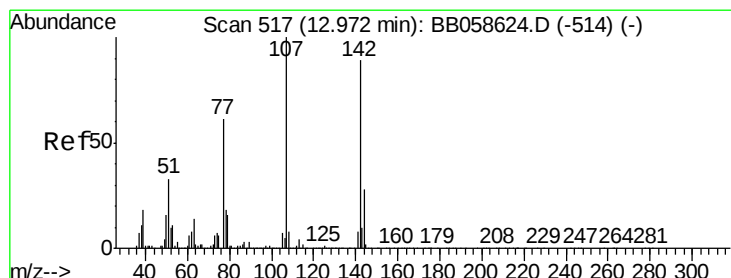
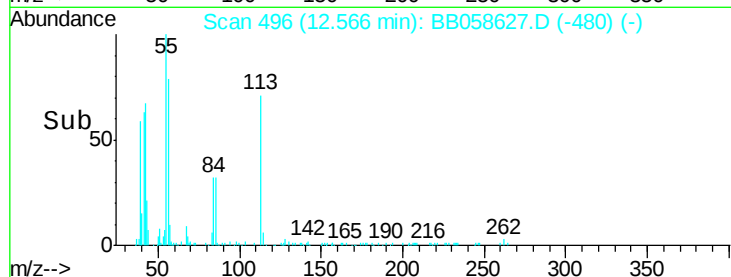
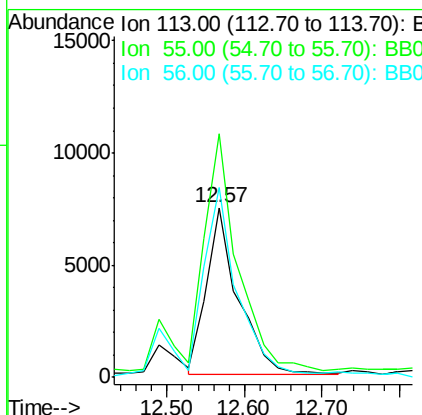
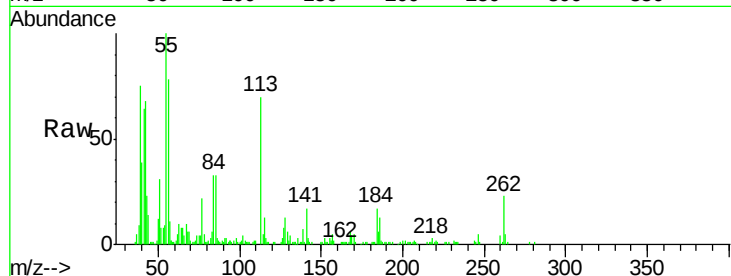
ClientSampleId :

MDL-02-S

Tgt Ion:	113	Resp:	21059
Ion Ratio	Lower	Upper	
113	100		
55	143.2	121.9	182.9
56	112.0	97.4	146.0

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#33

4-Chloro-3-methylphenol

Concen: 2.10 ng/ul

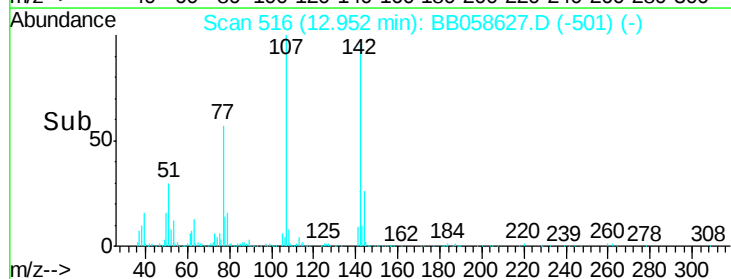
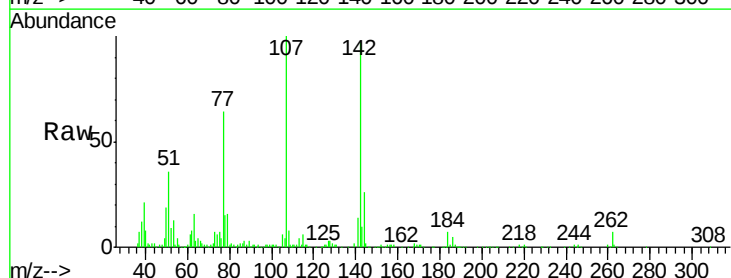
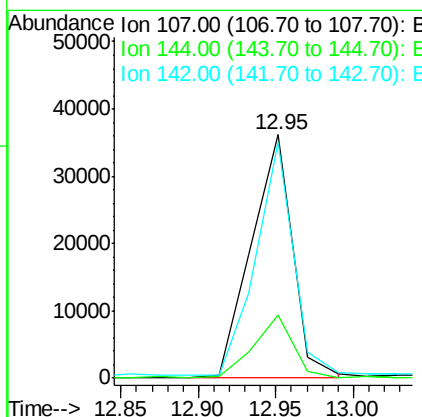
RT: 12.95 min Scan# 516

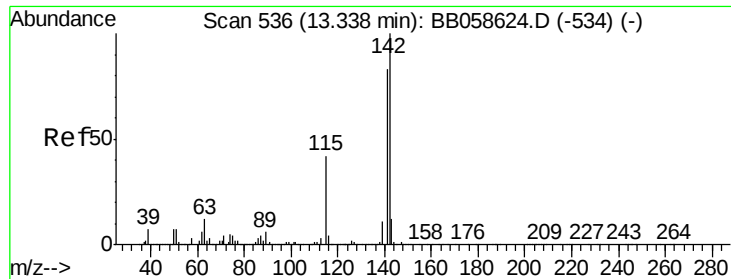
Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion:	107	Resp:	67248
Ion Ratio	Lower	Upper	
107	100		
144	25.9	21.1	31.7
142	97.1	64.1	96.1#





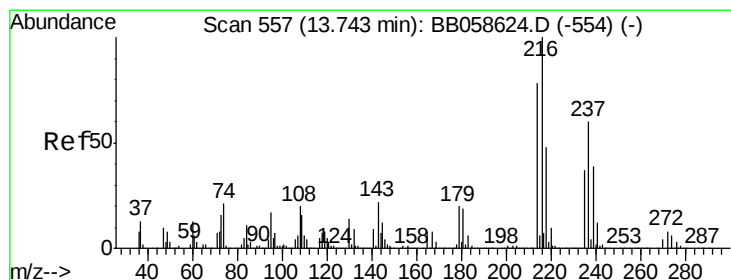
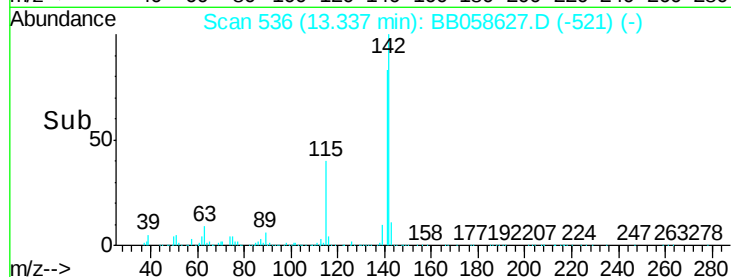
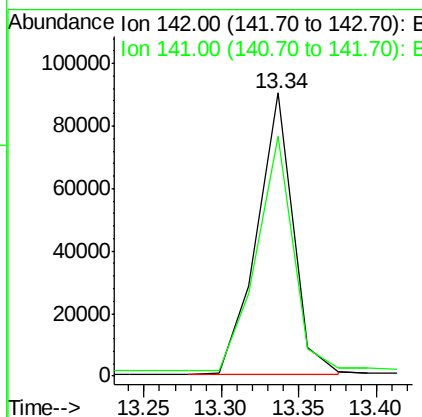
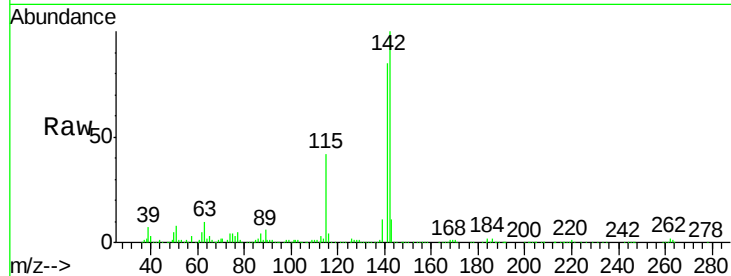
#34
2-Methylnaphthalene
Concen: 2.22 ng/ul
RT: 13.34 min Scan# 536
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampled :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	148241		
141	84.6	71.3	106.9	

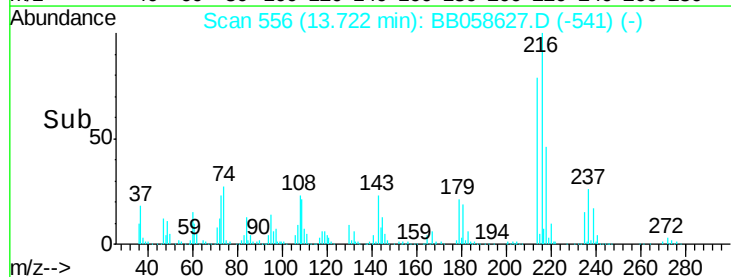
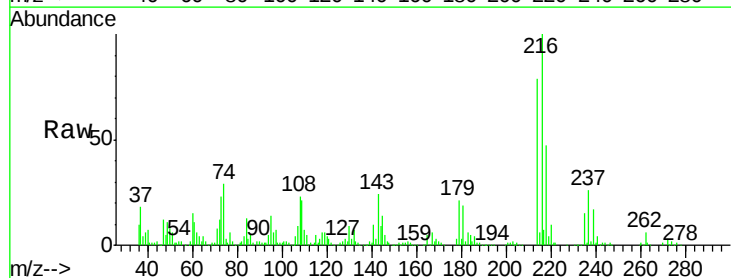
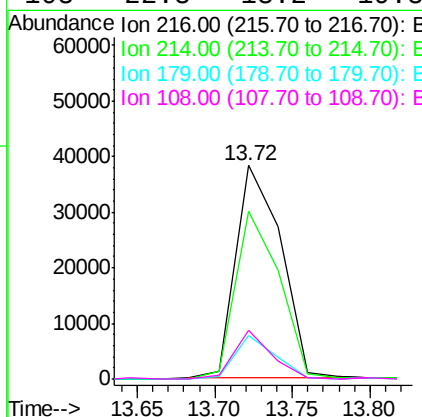
Manual Integrations
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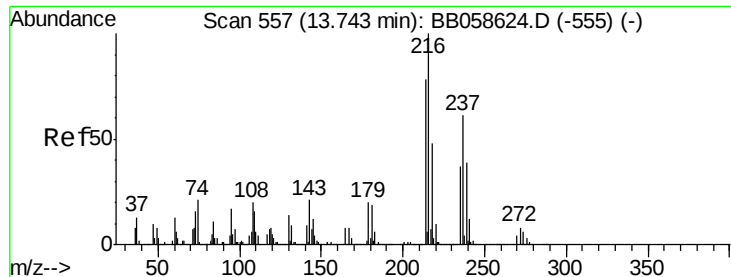
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 2.06 ng/ul
RT: 13.72 min Scan# 556
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	78715		
214	78.6	64.8	97.2	
179	20.6	16.7	25.1	
108	22.8	13.2	19.8	#





#37

Hexachlorocyclopentadiene

Concen: 1.10 ng/ul

RT: 13.74 min Scan# 557

Delta R.T. 0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

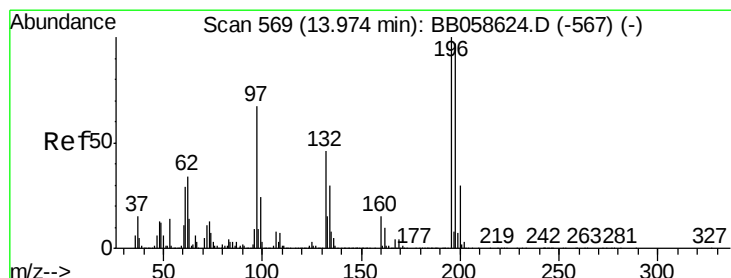
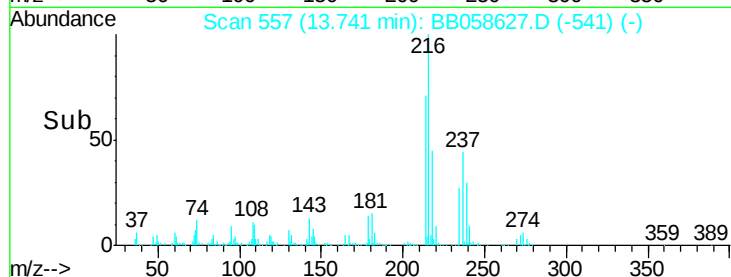
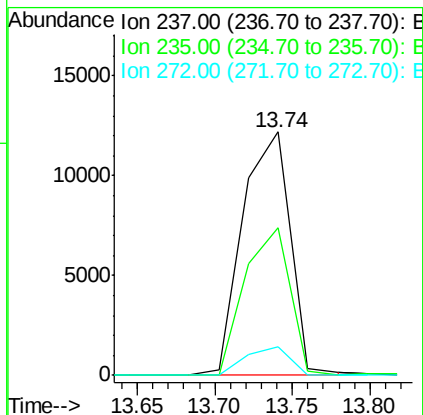
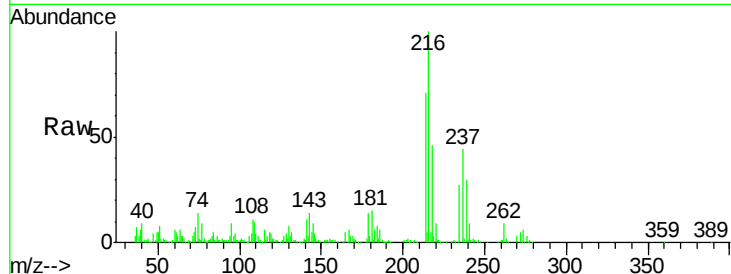
ClientSampleId :

MDL-02-S

Tgt Ion:	237	Resp:	26381
Ion Ratio	Lower	Upper	
237	100		
235	60.7	49.6	74.4
272	11.9	10.4	15.6

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#38

2,4,6-Trichlorophenol

Concen: 1.95 ng/ul

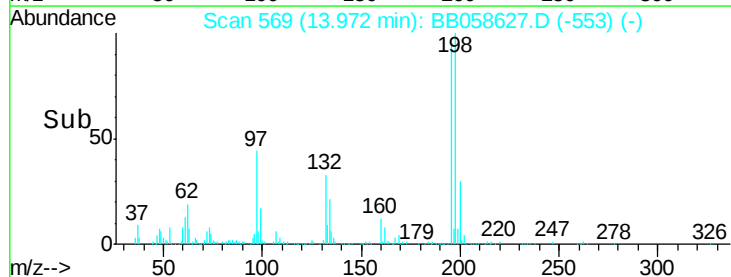
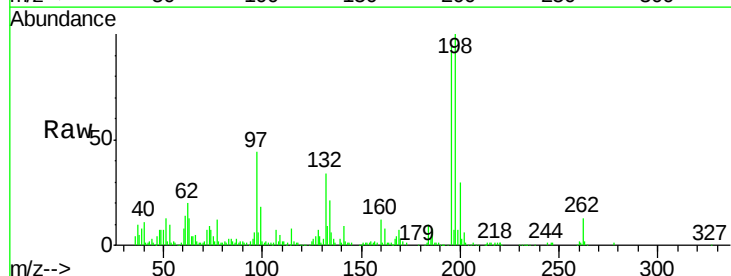
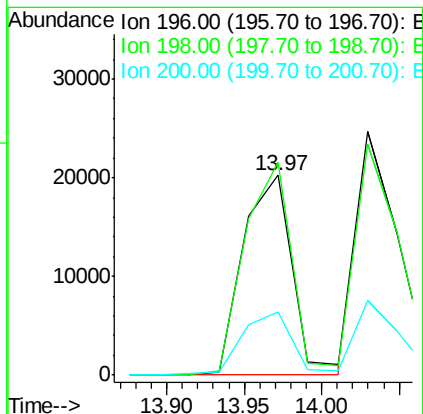
RT: 13.97 min Scan# 569

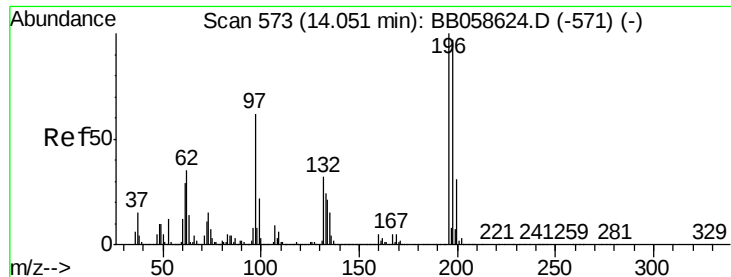
Delta R.T. 0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion:	196	Resp:	45188
Ion Ratio	Lower	Upper	
196	100		
198	106.4	76.9	115.3
200	31.9	25.1	37.7





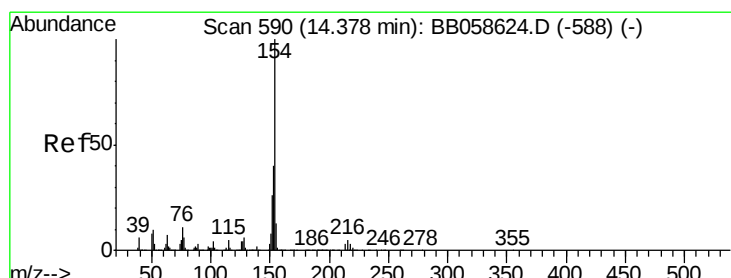
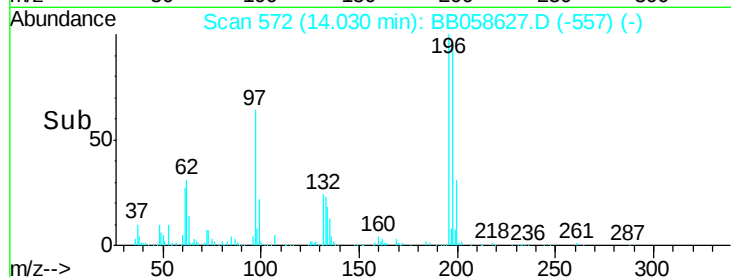
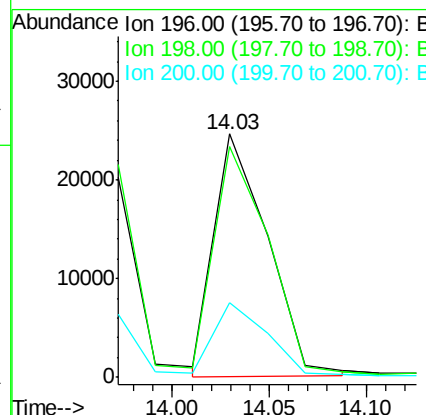
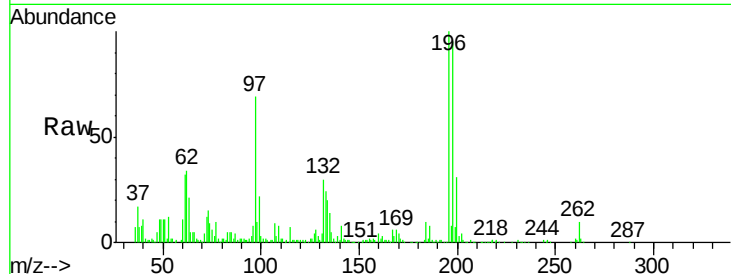
#39
 2,4,5-Trichlorophenol
 Concen: 1.90 ng/ul
 RT: 14.03 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Instrument :
 BNA_B
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	46786		
198	94.6	76.8	115.2	
200	30.9	27.0	40.4	

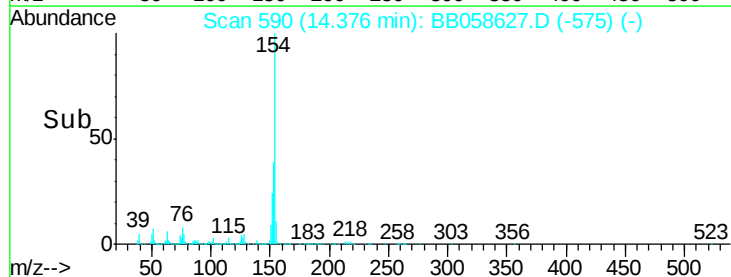
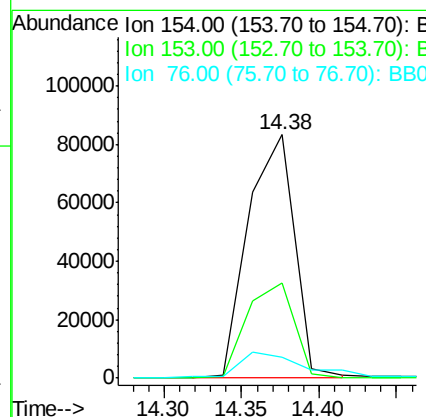
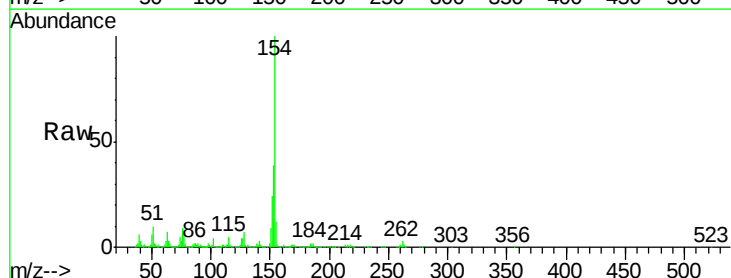
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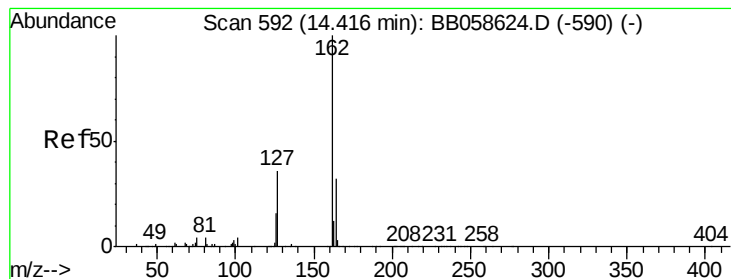
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#40
 1,1'-Biphenyl
 Concen: 2.10 ng/ul
 RT: 14.38 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	175247		
153	39.0	31.3	46.9	
76	8.6	10.0	15.0	





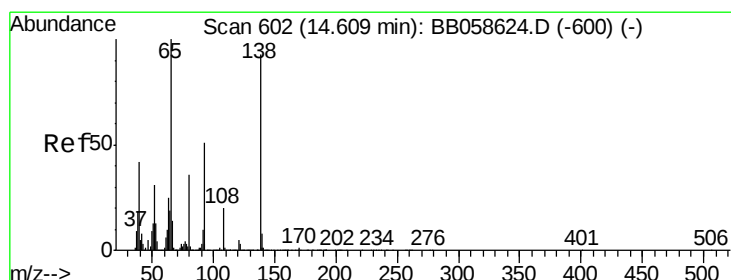
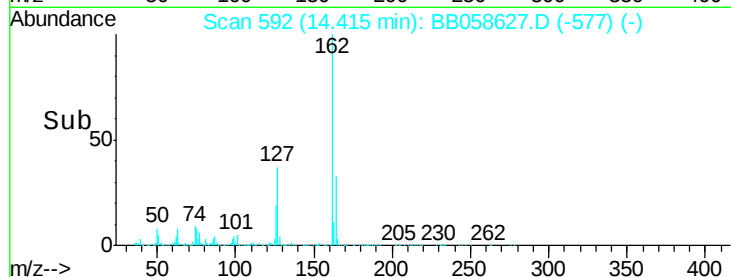
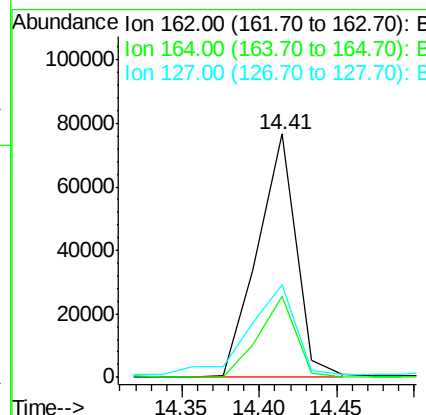
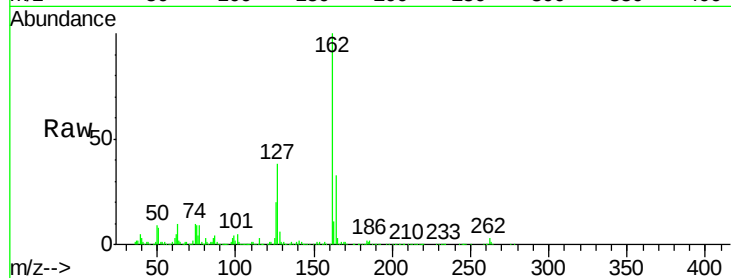
#41
 2-Chloronaphthalene
 Concen: 2.03 ng/ul
 RT: 14.41 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Instrument :
 BNA_B
 ClientSampled :
 MDL-02-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	33.1	26.9	40.3
127	37.9	31.2	46.8

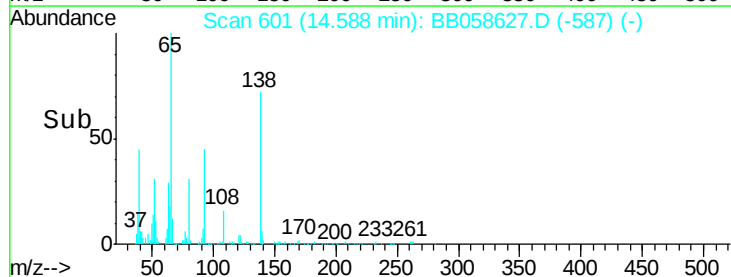
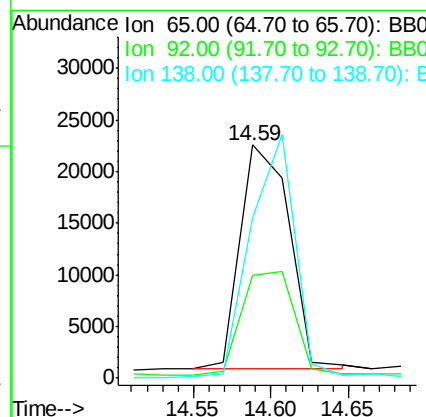
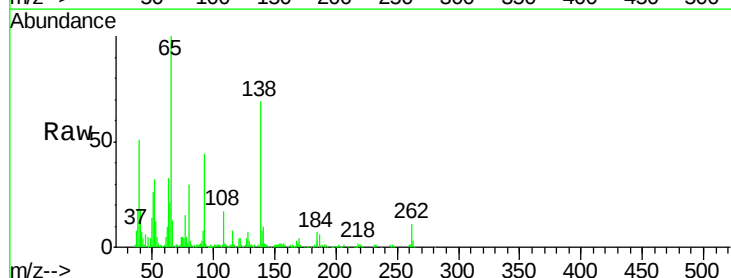
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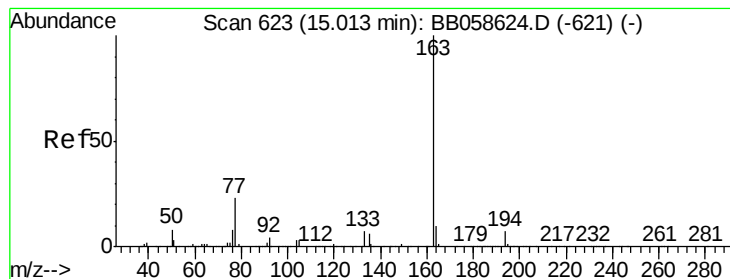
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#42
 2-Nitroaniline
 Concen: 1.89 ng/ul
 RT: 14.59 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	44.0	55.6	83.4#
138	69.1	81.3	121.9#





#44

Dimethylphthalate

Concen: 2.07 ng/ul

RT: 14.99 min Scan# 622

Delta R.T. -0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

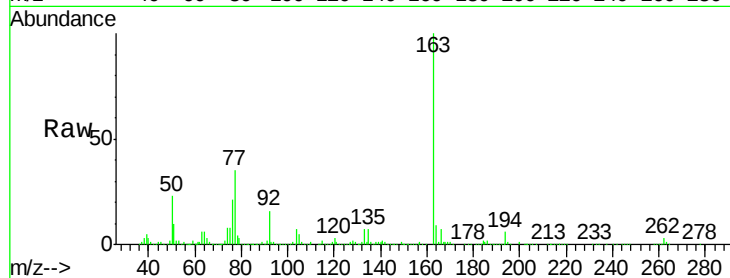
ClientSampled :

MDL-02-S

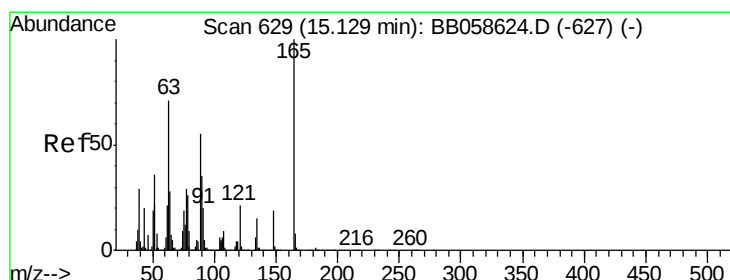
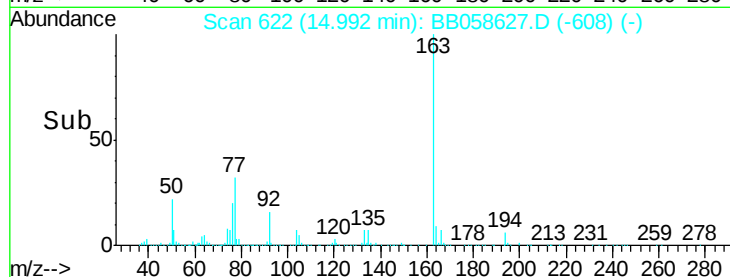
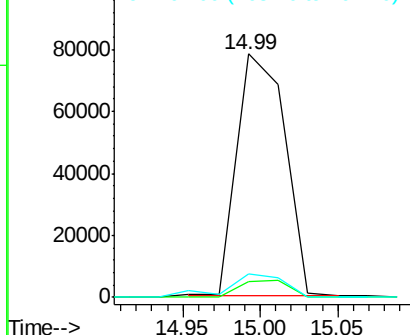
Tgt Ion:	163	Resp:	170640
Ion Ratio		Lower	Upper
163	100		
194	6.3	3.4	5.2#
164	9.4	7.8	11.8

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 1.90 ng/ul

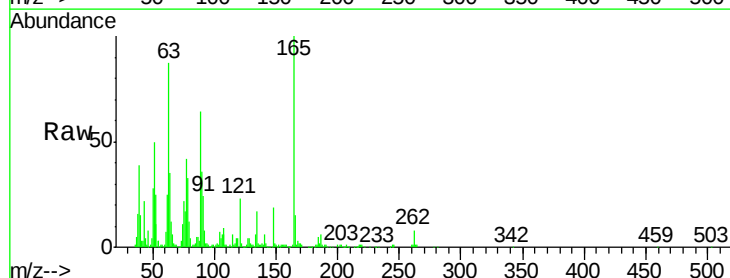
RT: 15.11 min Scan# 628

Delta R.T. -0.00 min

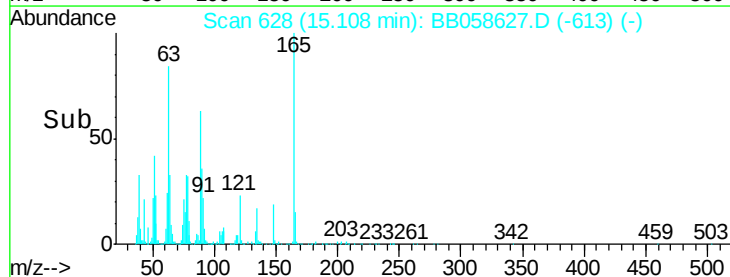
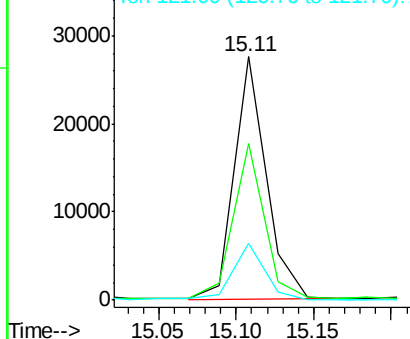
Lab File: BB058627.D

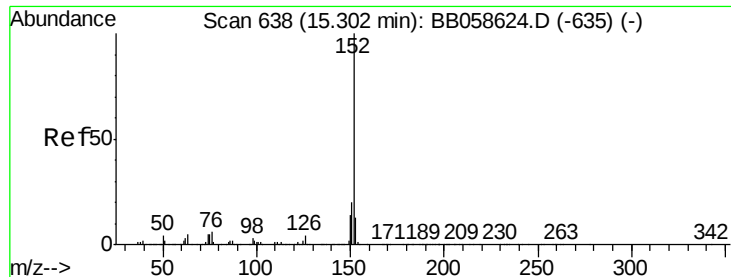
Acq: 13 Oct 2016 11:26

Tgt Ion:	165	Resp:	39634
Ion Ratio		Lower	Upper
165	100		
89	64.3	46.6	69.8
121	23.2	16.0	24.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BB0
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 2.27 ng/ul

RT: 15.28 min Scan# 637

Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

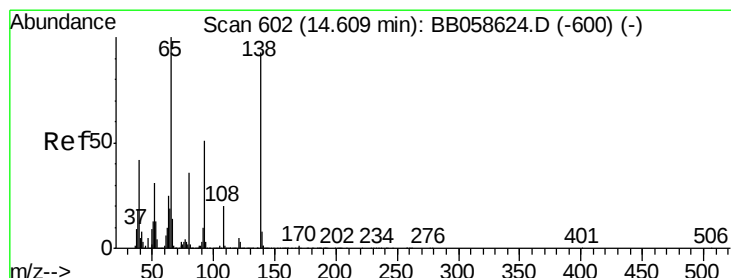
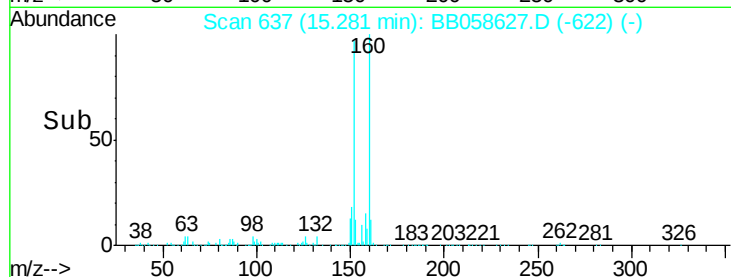
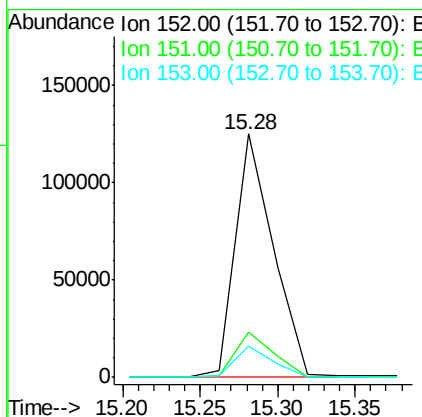
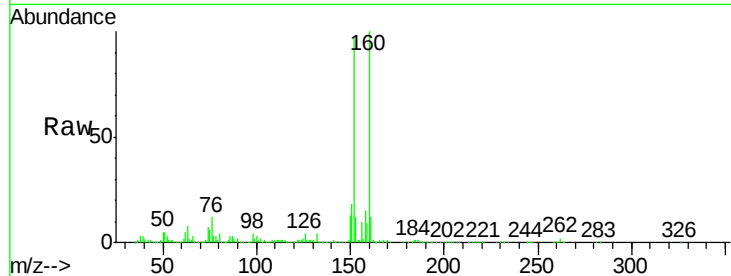
ClientSampleId :

MDL-02-S

Tgt Ion:	152	Resp:	214211
Ion Ratio	Lower	Upper	
152	100		
151	18.8	16.0	24.0
153	12.8	11.0	16.6

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#48

3-Nitroaniline

Concen: 1.74 ng/ul

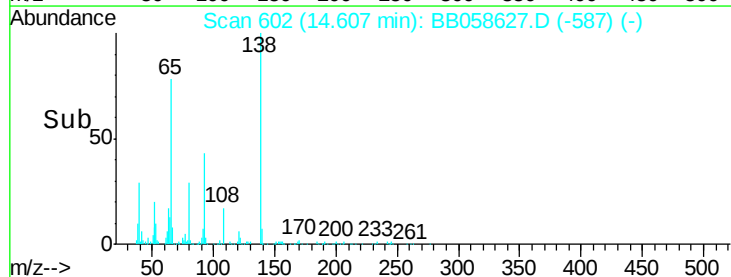
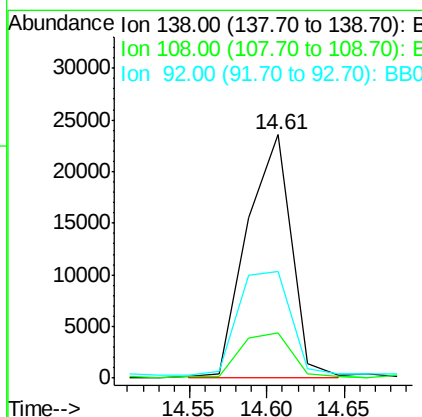
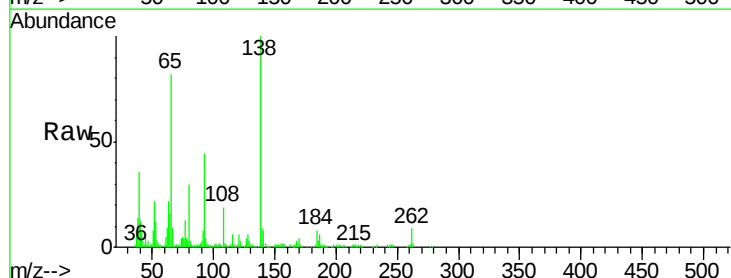
RT: 14.61 min Scan# 602

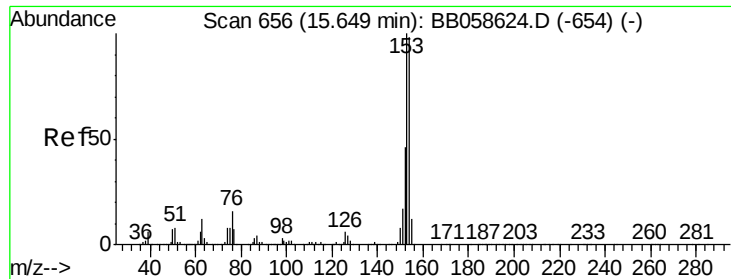
Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion:	138	Resp:	47387
Ion Ratio	Lower	Upper	
138	100		
108	18.6	9.4	14.0#
92	44.0	96.6	145.0#





#49

Acenaphthene

Concen: 2.16 ng/ul

RT: 15.65 min Scan# 656

Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

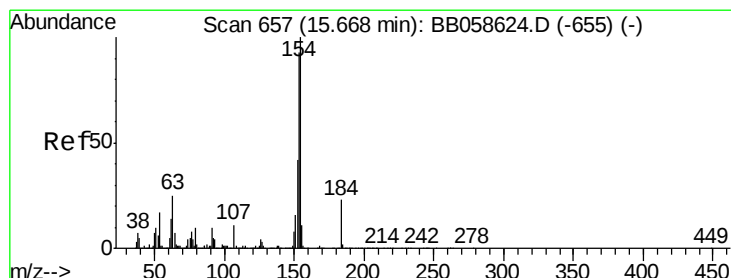
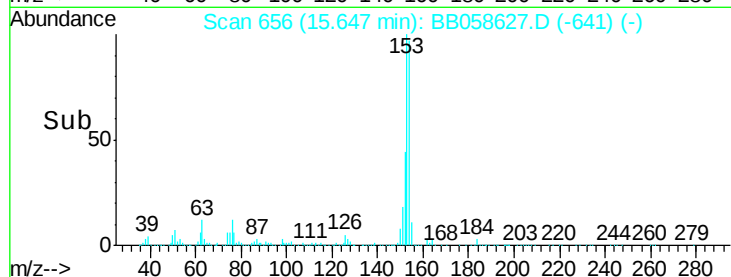
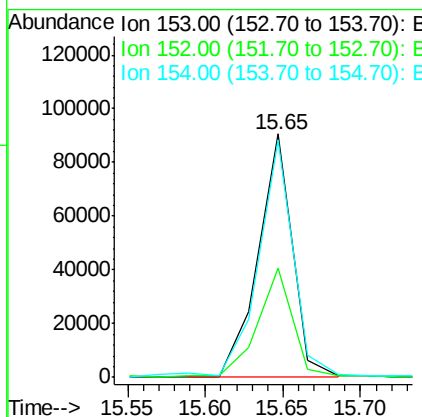
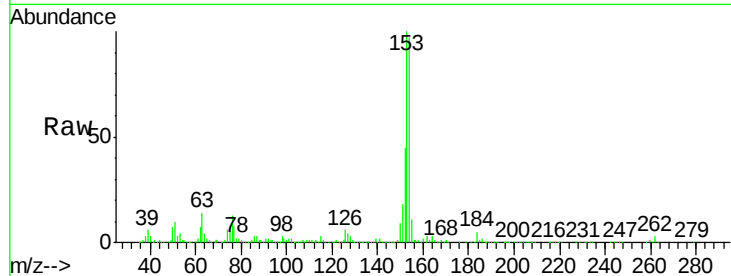
ClientSampleId :

MDL-02-S

Tgt Ion:	153	Resp:	139904
Ion Ratio		Lower	Upper
153	100		
152	44.9	37.8	56.6
154	97.3	71.4	107.0

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#50

2,4-Dinitrophenol

Concen: 0.91 ng/ul

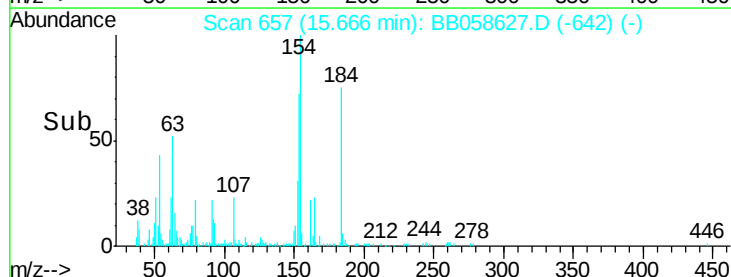
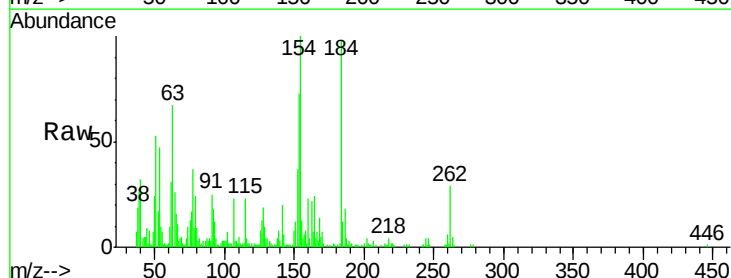
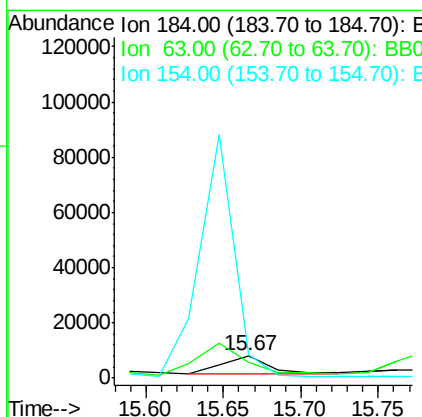
RT: 15.67 min Scan# 657

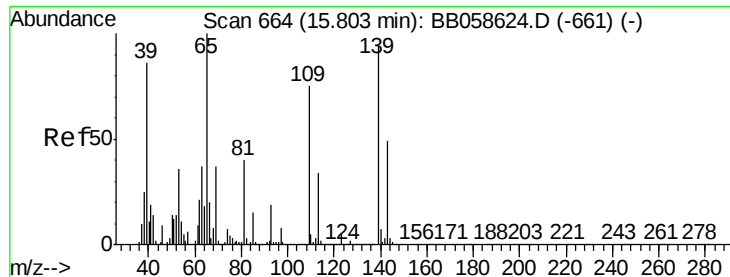
Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion:	184	Resp:	13544
Ion Ratio		Lower	Upper
184	100		
63	68.4	43.4	65.0#
154	102.4	48.2	72.4#





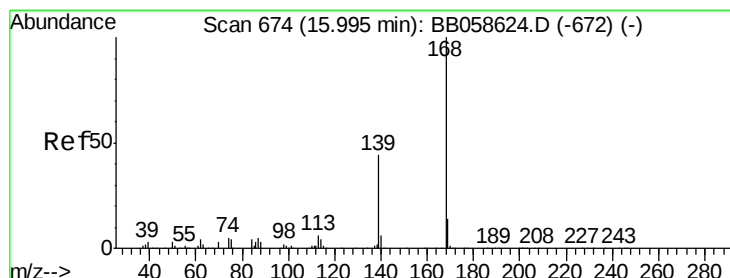
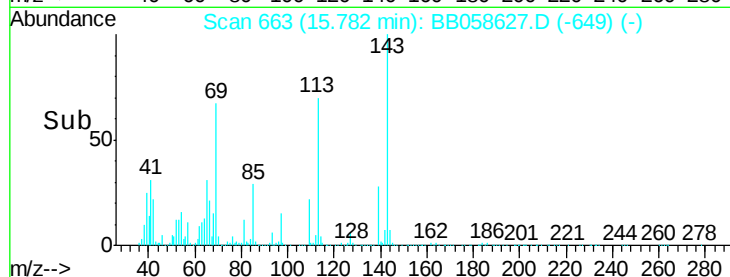
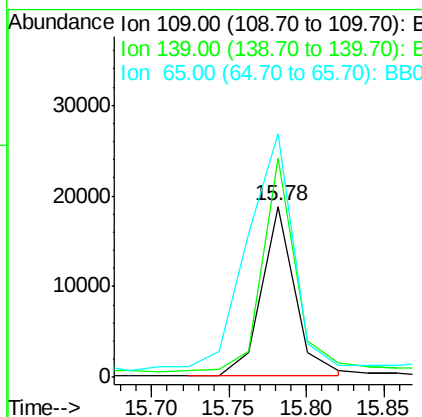
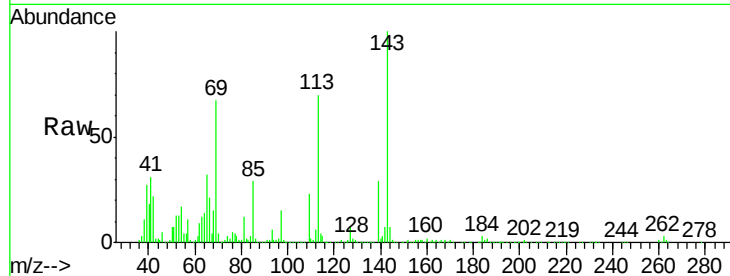
#52
4-Nitrophenol
Concen: 1.84 ng/ul
RT: 15.78 min Scan# 663
Delta R.T. -0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	28376		
139	128.1	88.7	133.1	
65	142.2	96.4	144.6	

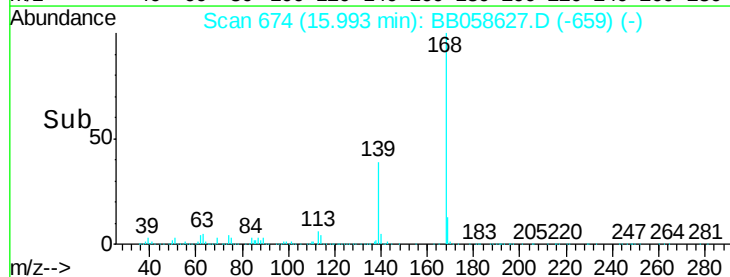
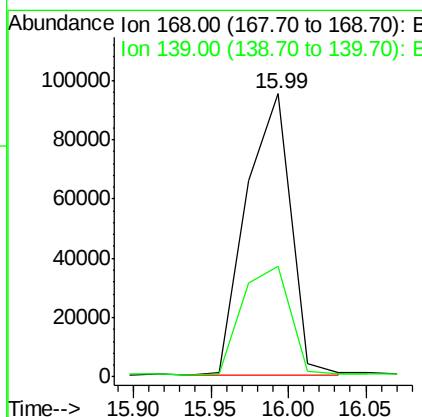
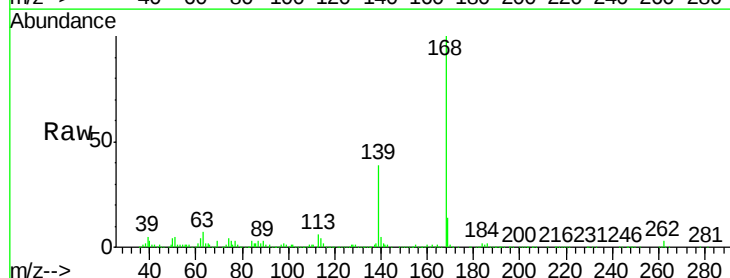
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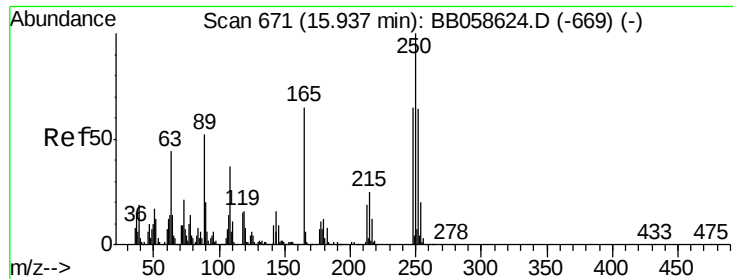
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#53
Dibenzofuran
Concen: 2.07 ng/ul
RT: 15.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	191067		
139	39.0	30.1	45.1	





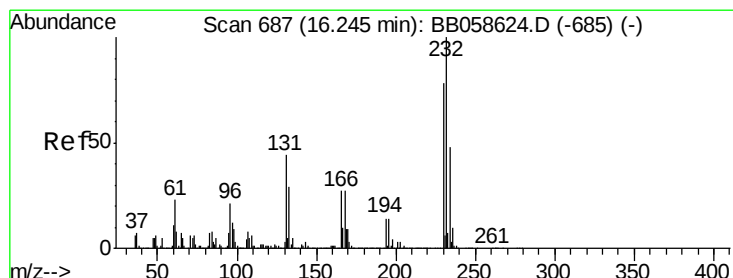
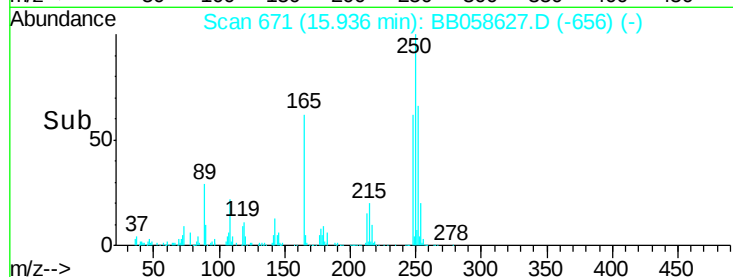
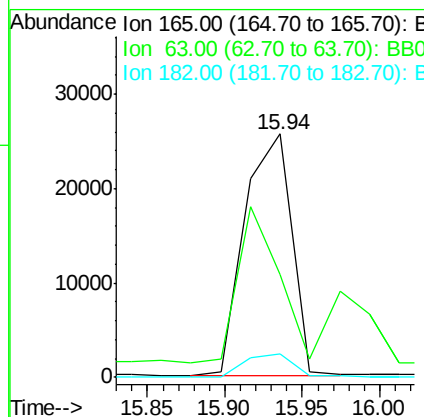
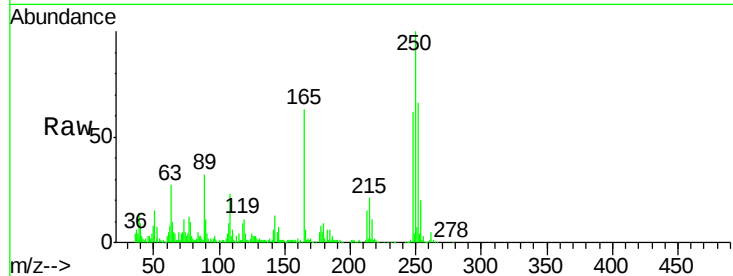
#54
 2,4-Dinitrotoluene
 Concen: 1.89 ng/ul
 RT: 15.94 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Instrument :
 BNA_B
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.3	36.2	54.2
182	9.9	2.2	3.4#

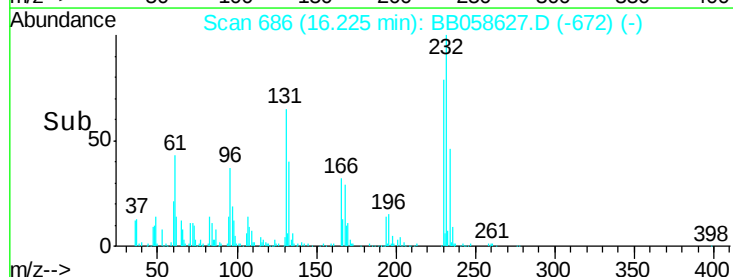
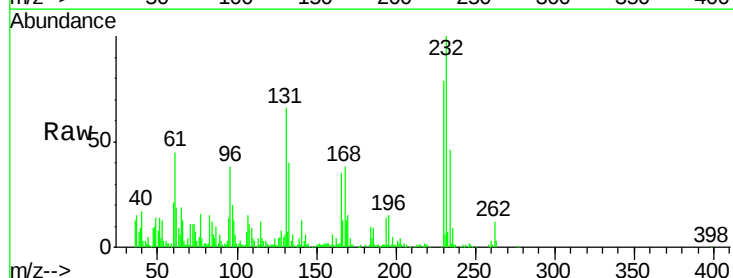
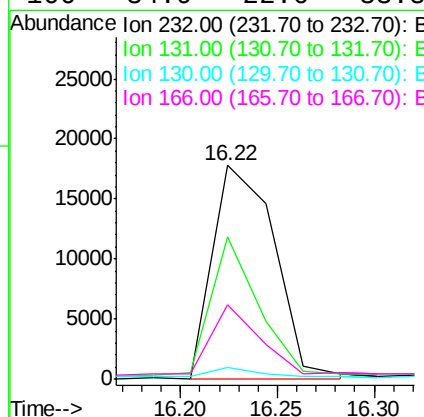
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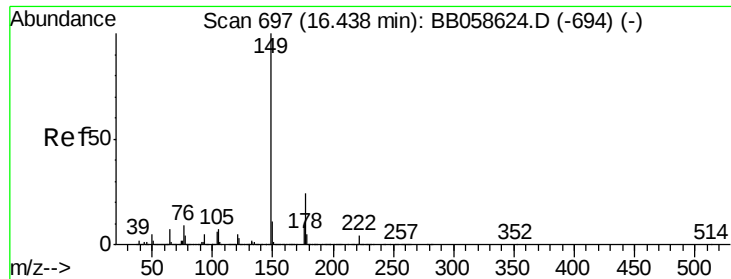
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 1.82 ng/ul
 RT: 16.22 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	66.4	31.4	47.0#
130	5.5	1.6	2.4#
166	34.9	22.6	33.8#





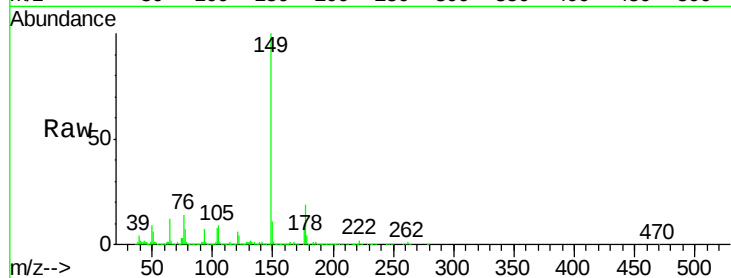
#56
Diethylphthalate
Concen: 2.28 ng/ul
RT: 16.42 min Scan# 696
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

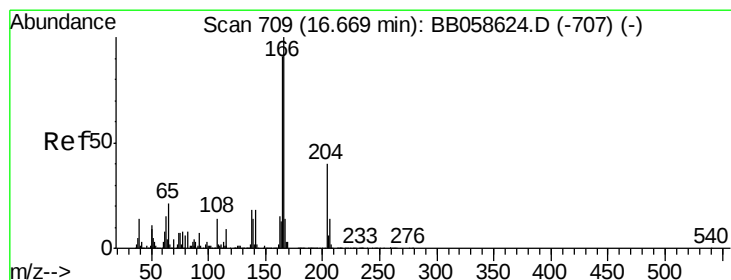
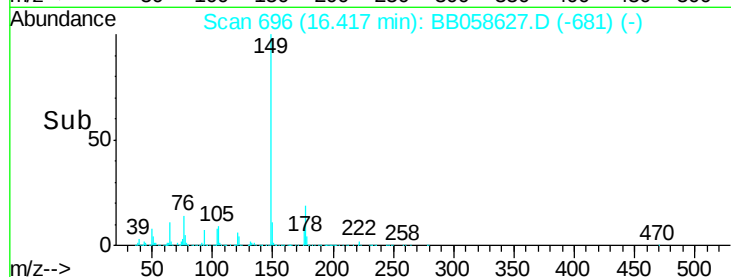
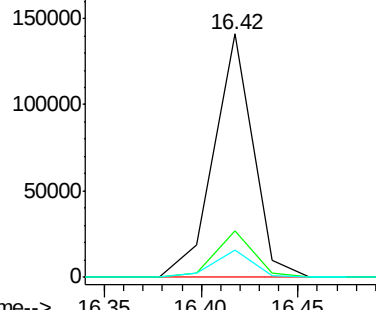
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	195830		
177	19.3	18.6	28.0	
150	11.4	10.0	15.0	

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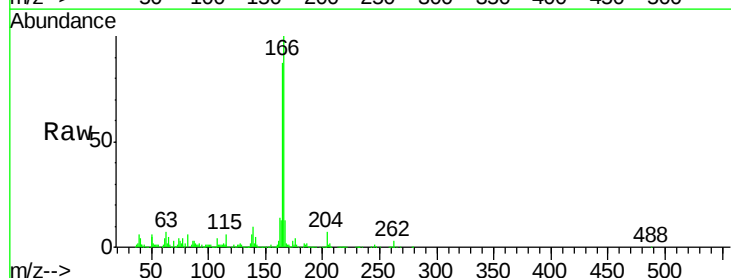


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

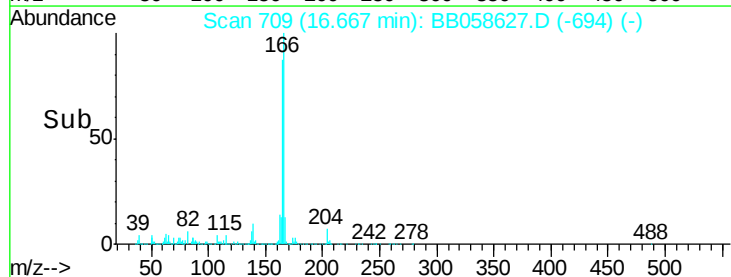
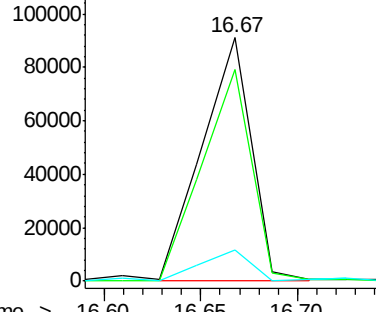


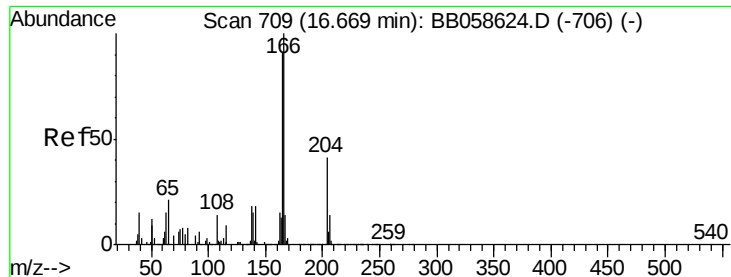
#58
Fluorene
Concen: 2.12 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	159368		
165	86.9	79.9	119.9	
167	12.8	10.5	15.7	



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





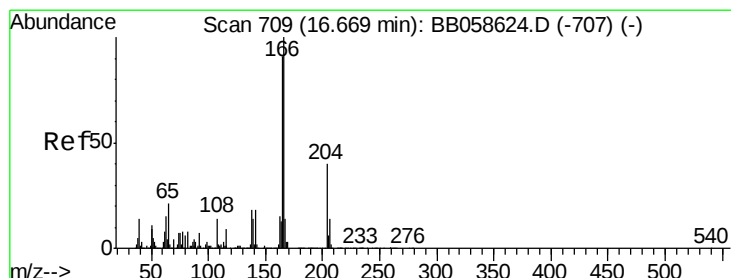
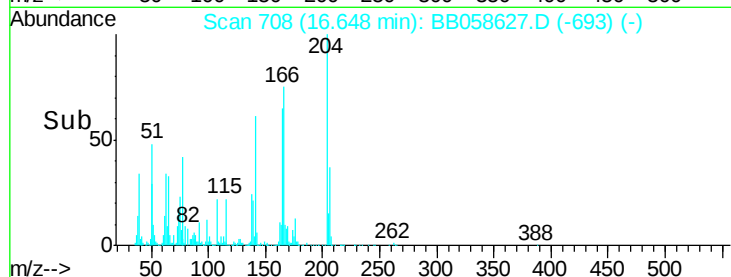
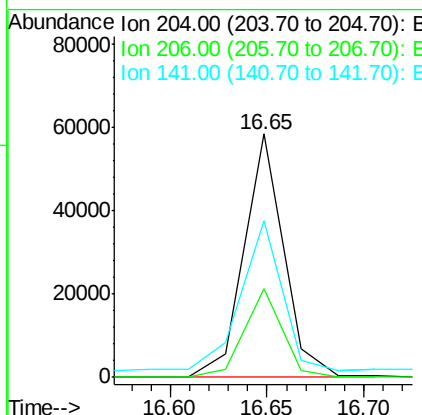
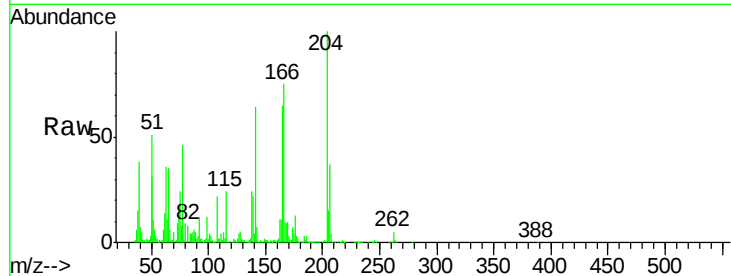
#59
 4-Chlorophenyl-phenylether
 Concen: 2.02 ng/ul
 RT: 16.65 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Instrument :
 BNA_B
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.5	25.9	38.9
141	64.2	46.1	69.1

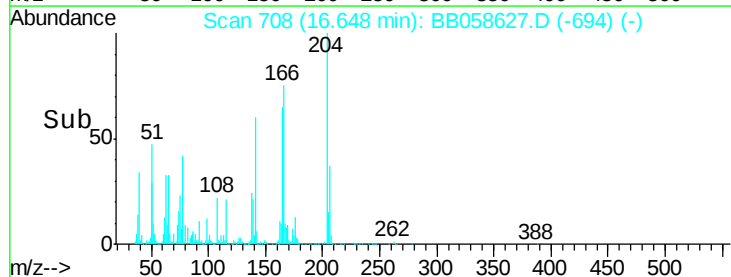
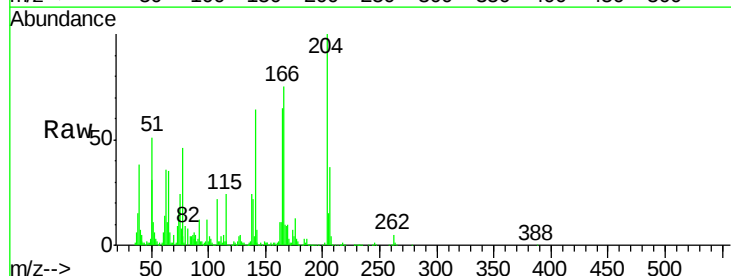
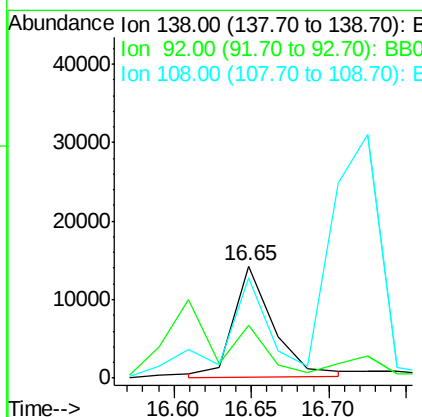
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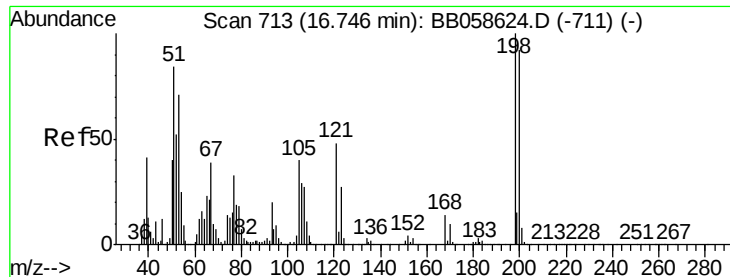
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#60
 4-Nitroaniline
 Concen: 1.20 ng/ul
 RT: 16.65 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	43.5	65.3
108	89.7	80.3	120.5





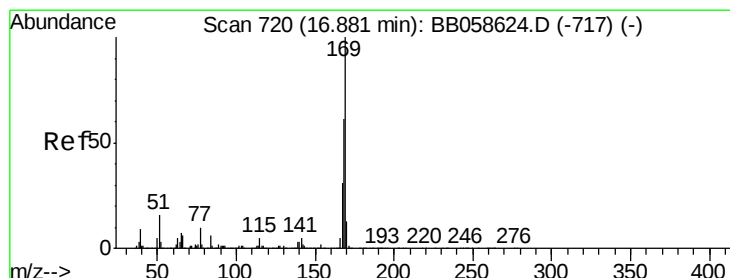
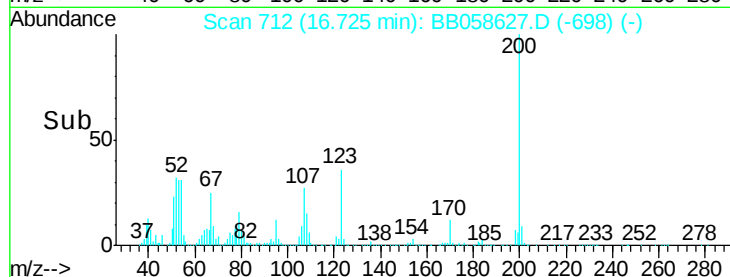
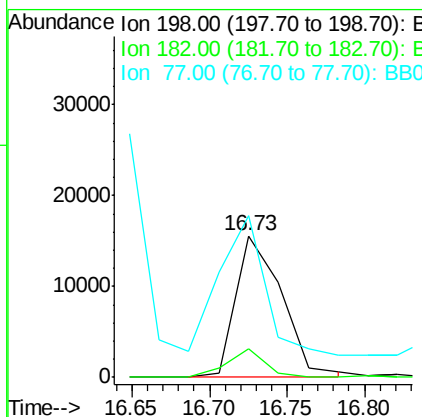
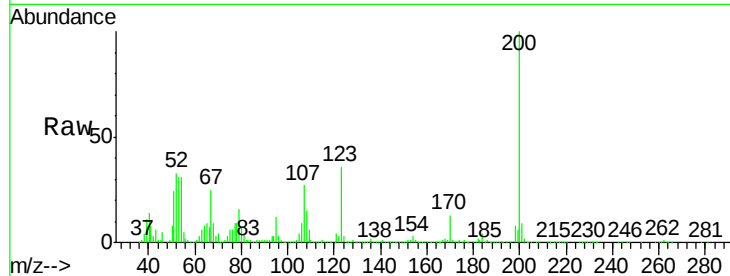
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.59 ng/ul
 RT: 16.73 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Instrument :
 BNA_B
 ClientSampleId :
 MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	32082		
182	20.3	3.3	4.9#	
77	114.7	21.8	32.6#	

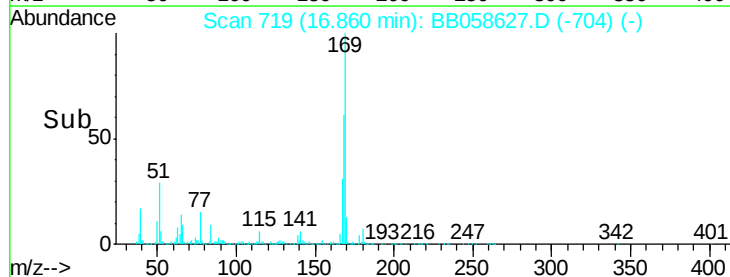
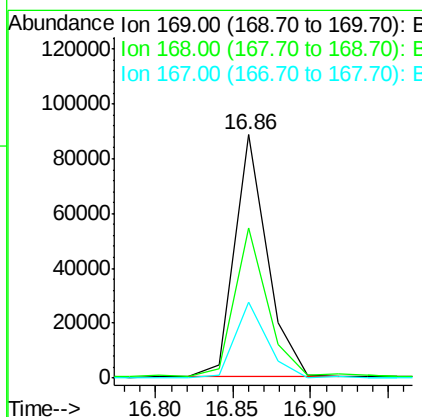
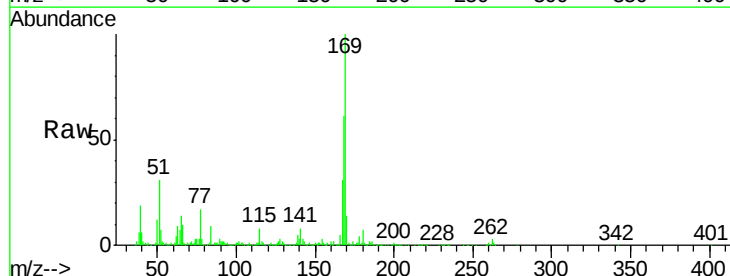
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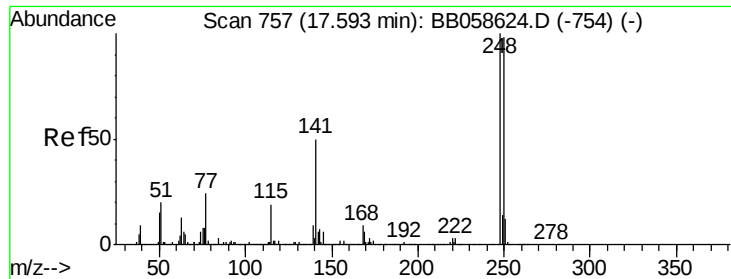
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#64
 N-Nitrosodiphenylamine
 Concen: 2.12 ng/ul
 RT: 16.86 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	129909		
168	61.5	52.6	79.0	
167	31.3	28.6	43.0	





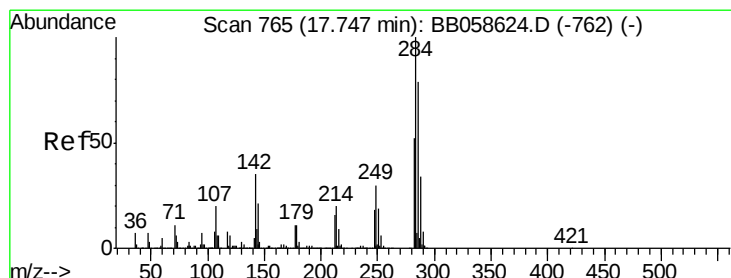
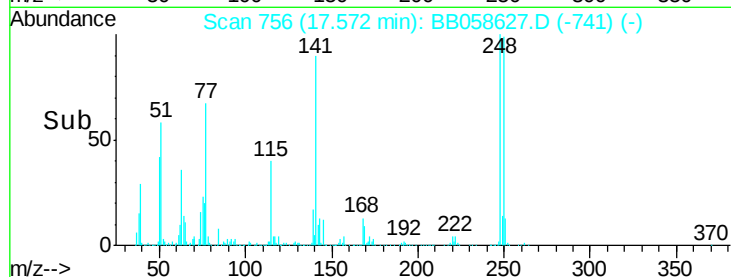
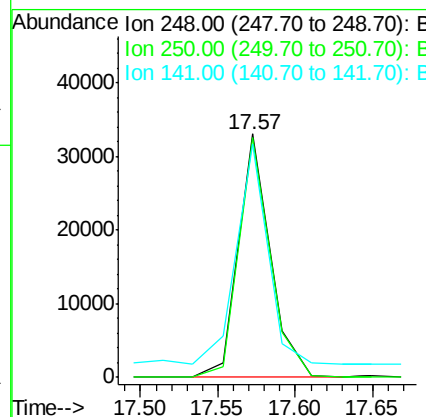
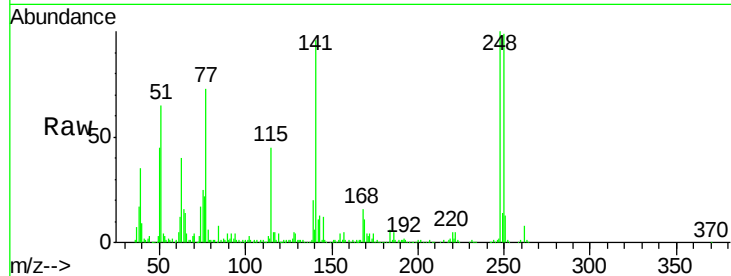
#65
 4-Bromophenyl-phenylether
 Concen: 1.96 ng/ul
 RT: 17.57 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Instrument :
 BNA_B
 ClientSampleId :
 MDL-02-S

Tgt Ion: 248 Resp: 47692
 Ion Ratio Lower Upper
 248 100
 250 98.6 79.7 119.5
 141 95.6 58.3 87.5#

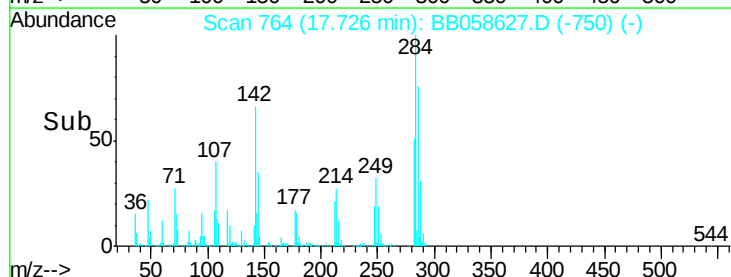
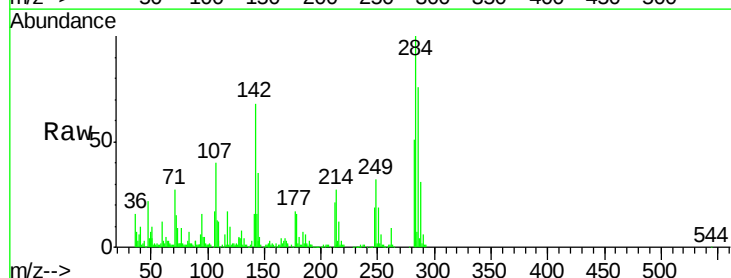
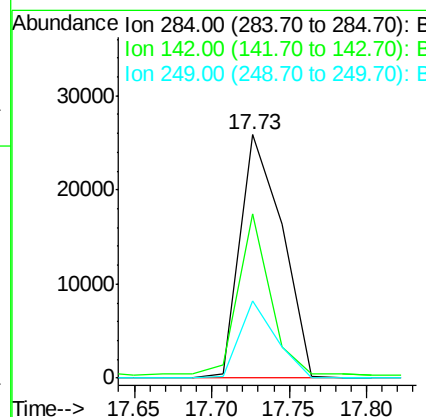
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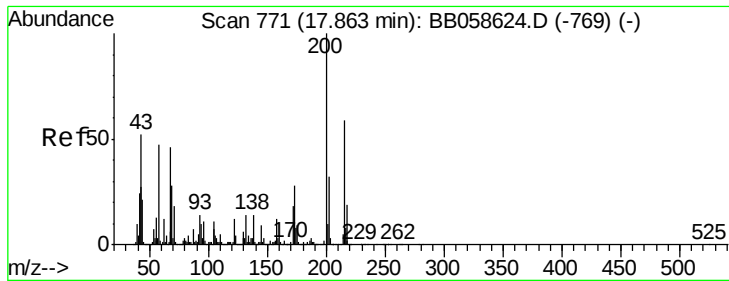
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#66
 Hexachlorobenzene
 Concen: 2.03 ng/ul
 RT: 17.73 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BB058627.D
 Acq: 13 Oct 2016 11:26

Tgt Ion: 284 Resp: 49585
 Ion Ratio Lower Upper
 284 100
 142 67.6 24.9 37.3#
 249 31.8 25.5 38.3





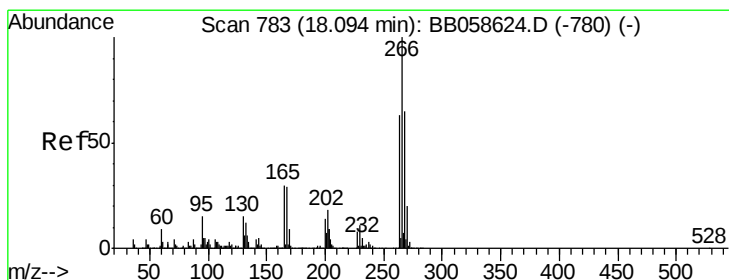
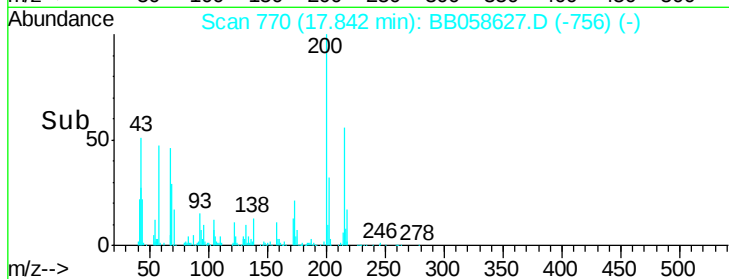
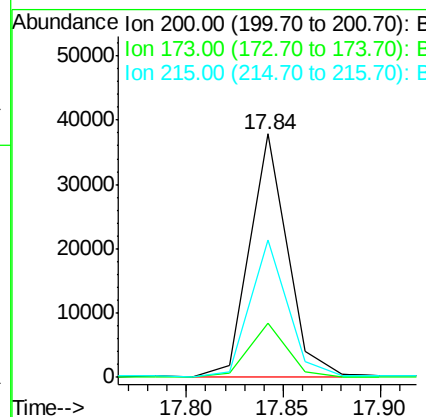
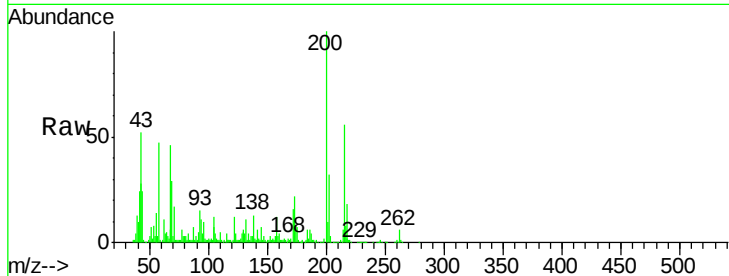
#67
Atrazine
Concen: 2.17 ng/ul
RT: 17.84 min Scan# 770
Delta R.T. -0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.2	18.9	28.3
215	56.2	39.5	59.3

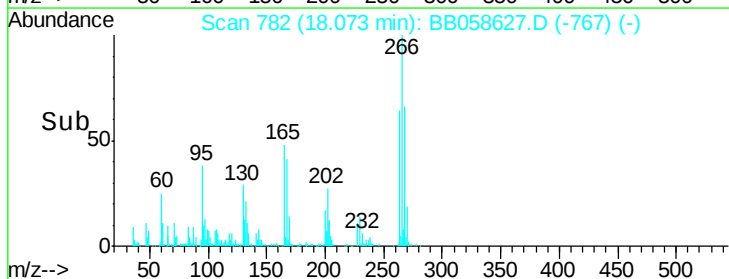
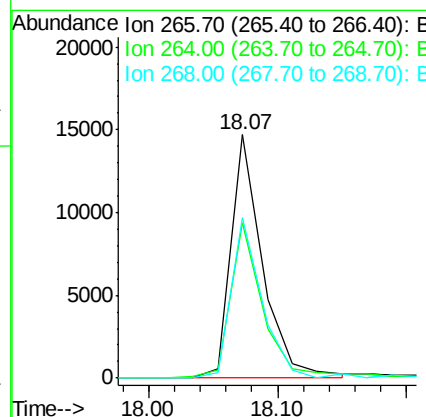
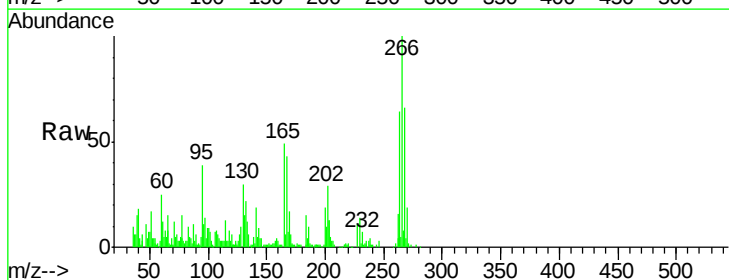
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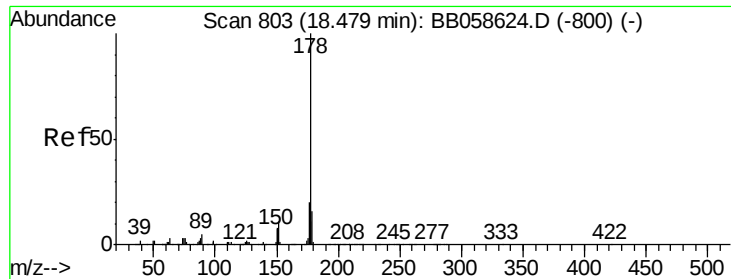
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#68
Pentachlorophenol
Concen: 1.44 ng/ul
RT: 18.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	63.6	50.6	75.8
268	65.7	51.0	76.6





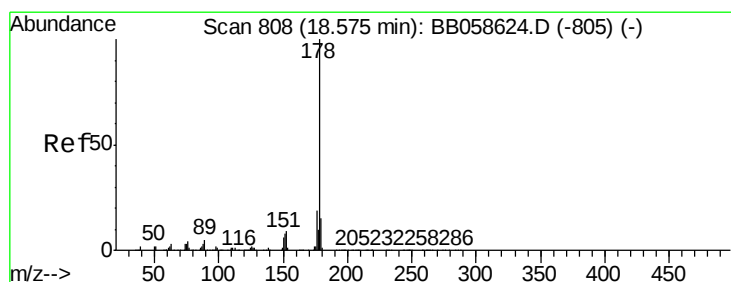
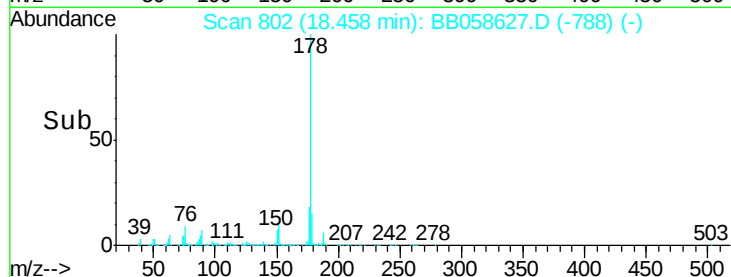
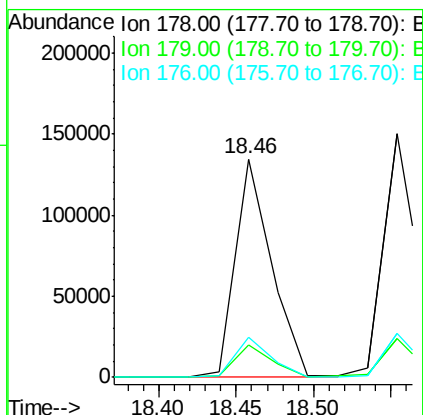
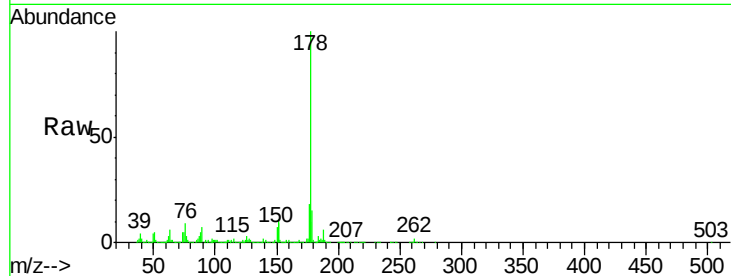
#69
Phenanthrene
Concen: 2.32 ng/ul
RT: 18.46 min Scan# 802
Delta R.T. -0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.4	15.1	22.7

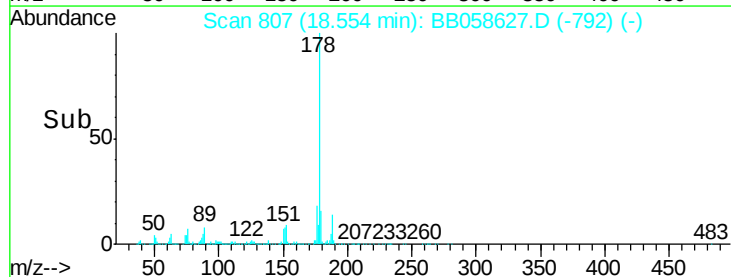
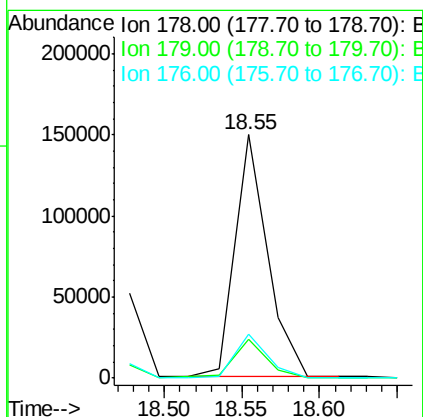
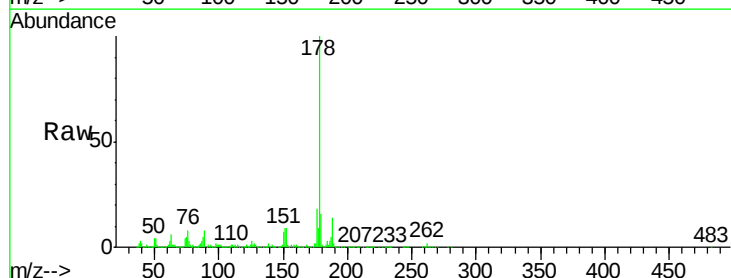
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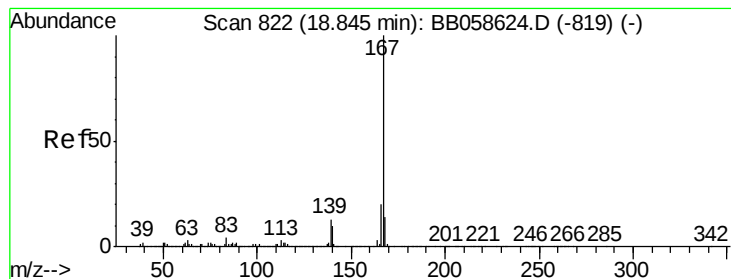
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#71
Anthracene
Concen: 2.28 ng/ul
RT: 18.55 min Scan# 807
Delta R.T. -0.00 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	17.9	14.5	21.7





#72

Carbazole

Concen: 2.34 ng/ul

RT: 18.82 min Scan# 821

Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

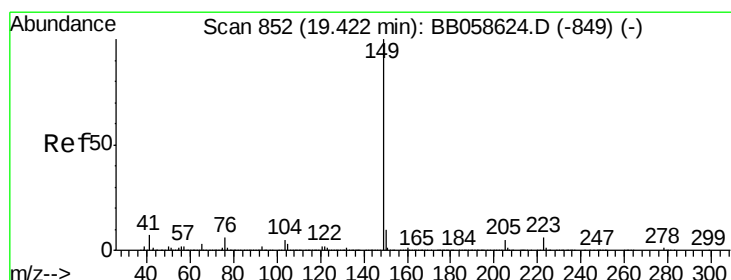
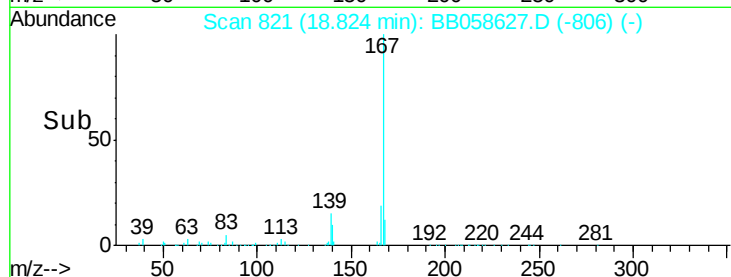
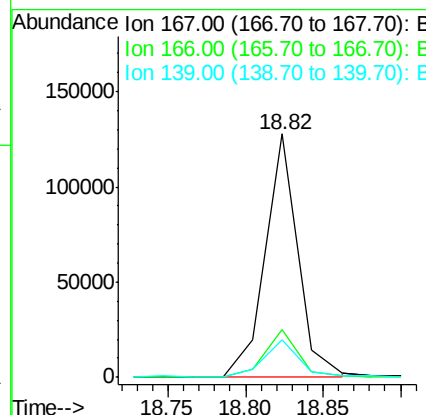
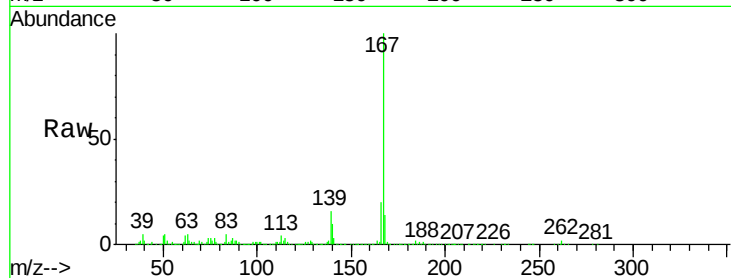
ClientSampleId :

MDL-02-S

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	188893		
166	19.8	16.6	25.0	
139	15.6	10.2	15.4	

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#73

Di-n-butylphthalate

Concen: 2.41 ng/ul

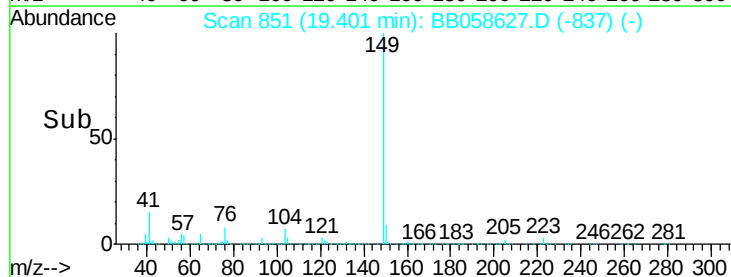
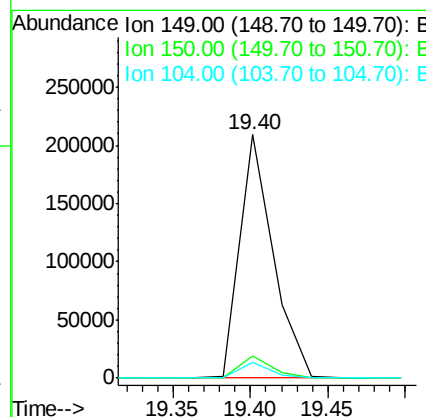
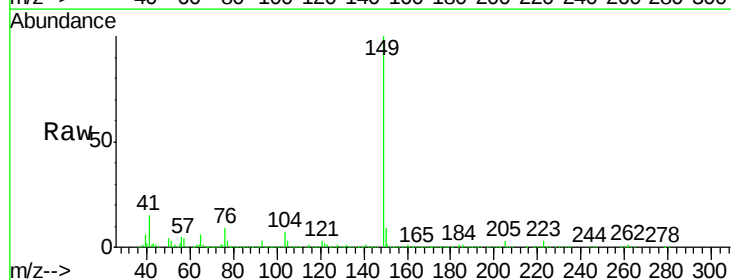
RT: 19.40 min Scan# 851

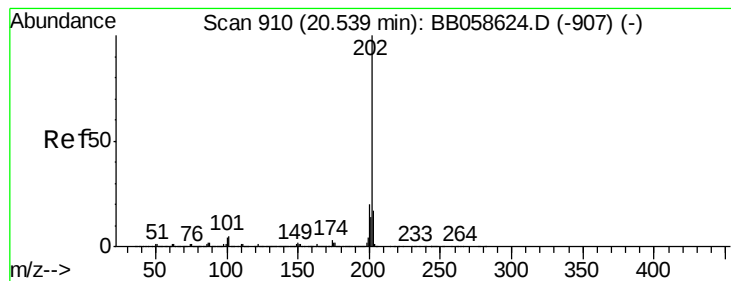
Delta R.T. -0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	318150		
150	9.2	7.6	11.4	
104	6.6	4.6	7.0	





#74

Fluoranthene

Concen: 2.52 ng/ul

RT: 20.52 min Scan# 909

Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

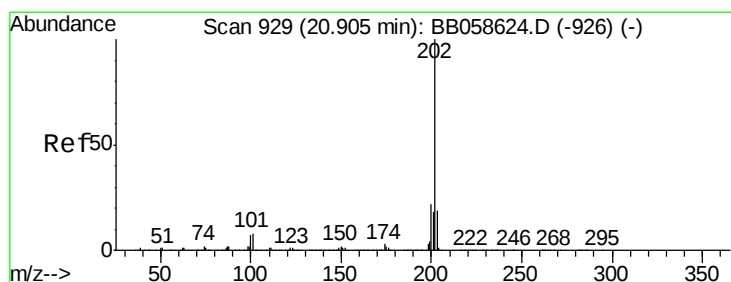
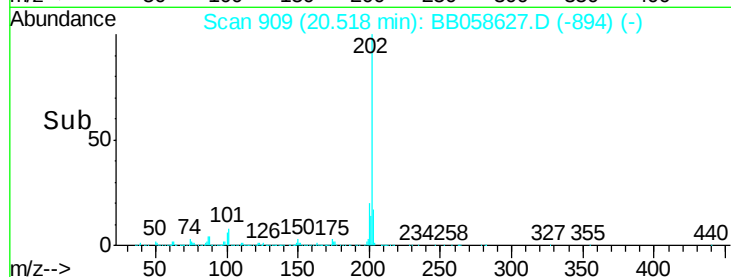
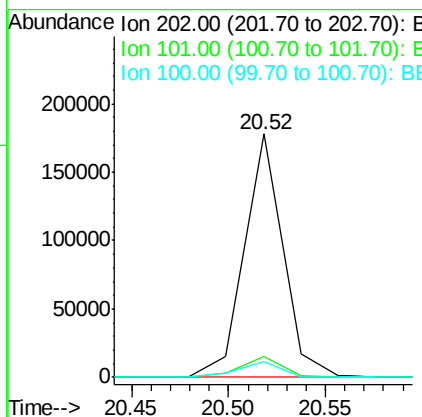
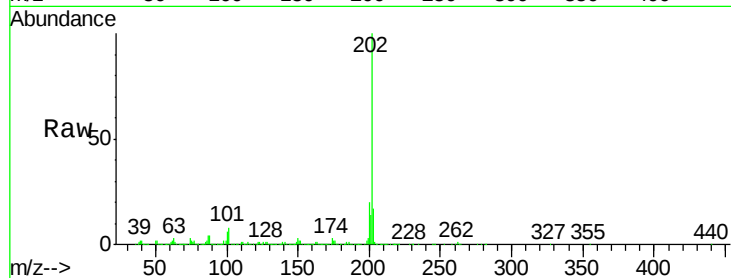
ClientSampleId :

MDL-02-S

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		242639		
101	8.4	6.9	10.3		
100	6.3	5.4	8.0		

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#77

Pyrene

Concen: 2.25 ng/ul

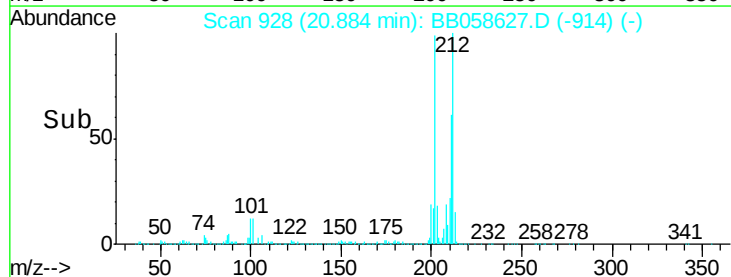
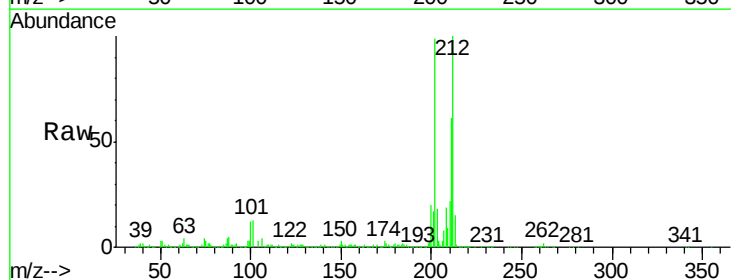
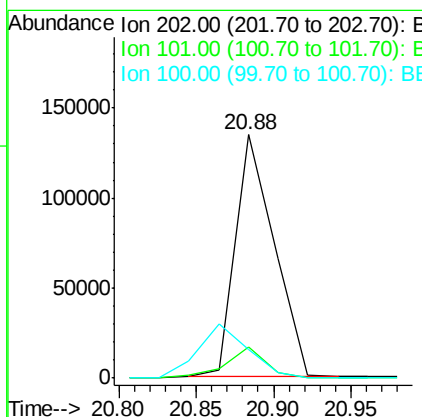
RT: 20.88 min Scan# 928

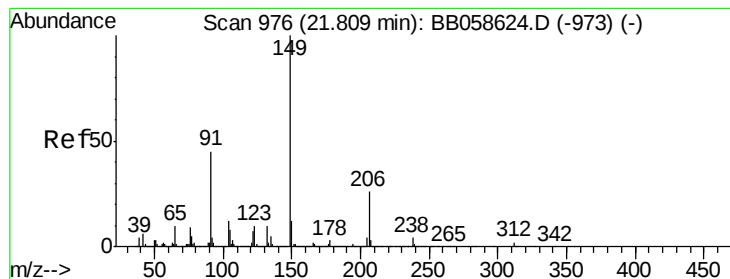
Delta R.T. -0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		237418		
101	12.6	8.4	12.6#		
100	11.8	6.9	10.3#		





#78

Butylbenzylphthalate

Concen: 2.16 ng/ul

RT: 21.79 min Scan# 975

Delta R.T. -0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

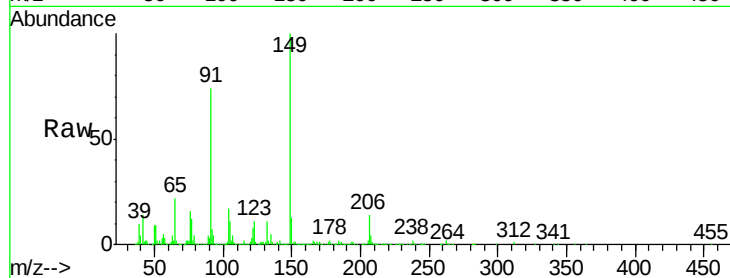
ClientSampleId :

MDL-02-S

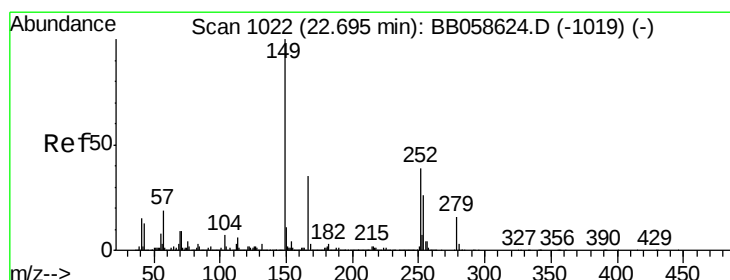
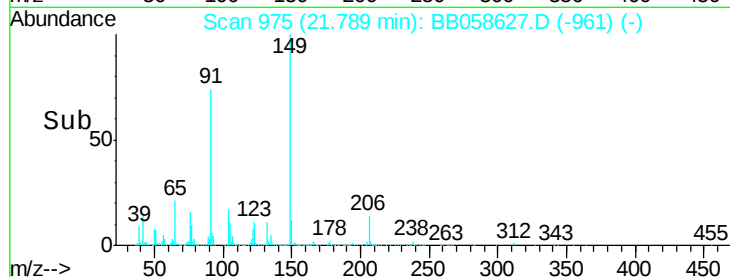
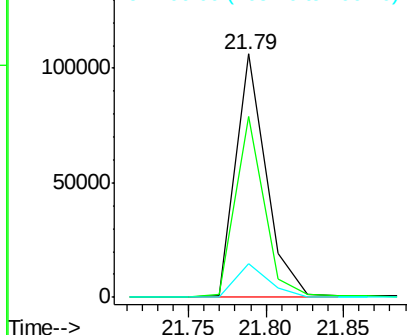
Tgt Ion:	149	Resp:	147953
Ion Ratio	Lower	Upper	
149	100		
91	74.5	57.3	85.9
206	13.7	18.6	27.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BB0
Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 1.22 ng/ul

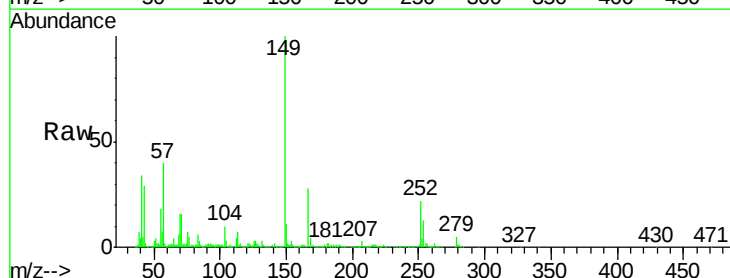
RT: 22.67 min Scan# 1021

Delta R.T. -0.02 min

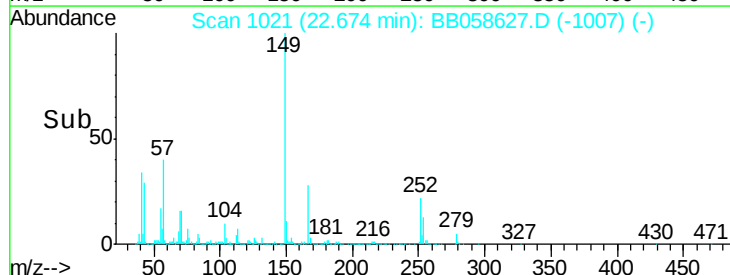
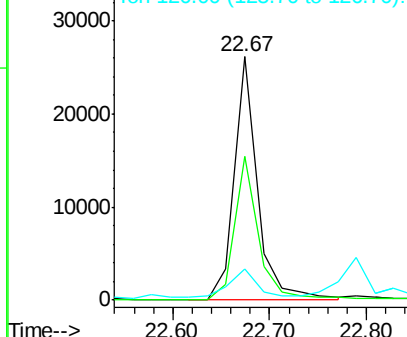
Lab File: BB058627.D

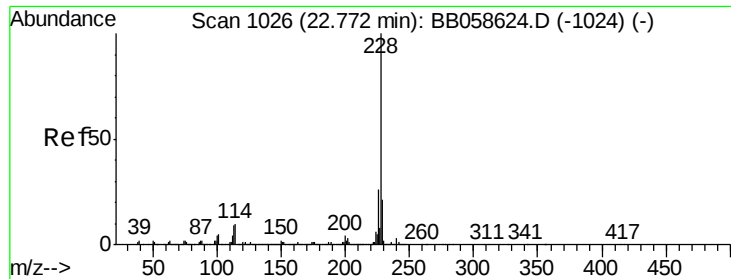
Acq: 13 Oct 2016 11:26

Tgt Ion:	252	Resp:	43414
Ion Ratio	Lower	Upper	
252	100		
254	58.9	51.0	76.4
126	12.7	7.1	10.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 2.27 ng/ul

RT: 22.77 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

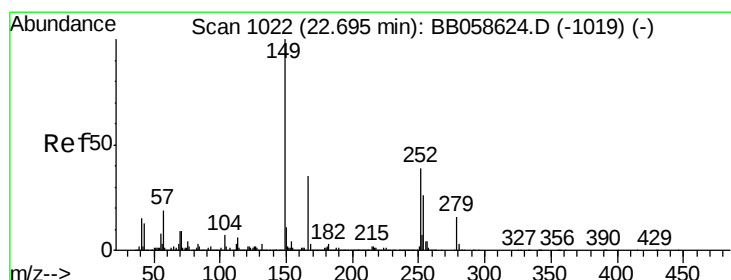
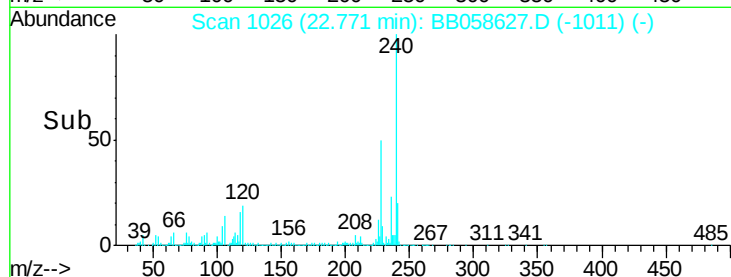
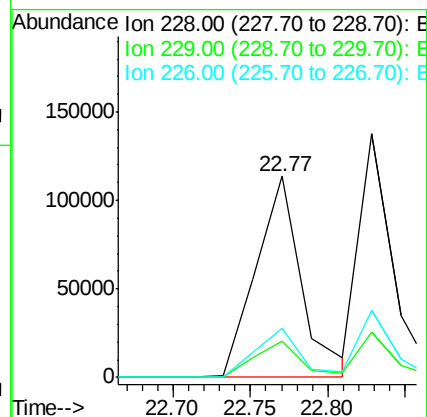
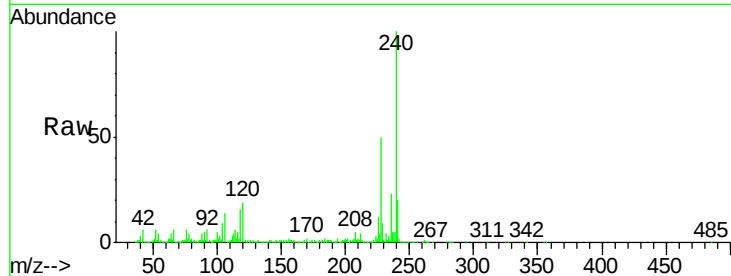
ClientSampleId :

MDL-02-S

Tgt Ion:	228	Resp:	233677
Ion Ratio	Lower	Upper	
228	100		
229	18.4	15.6	23.4
226	24.7	21.8	32.8

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#81

Bis(2-ethylhexyl)phthalate

Concen: 2.05 ng/ul

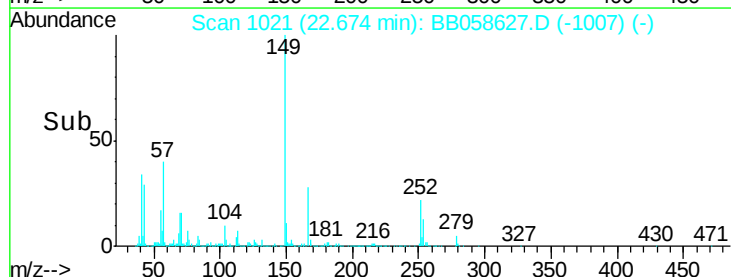
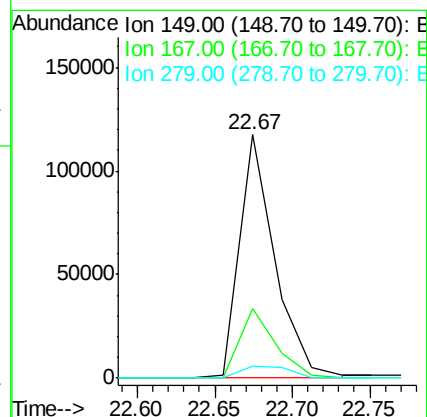
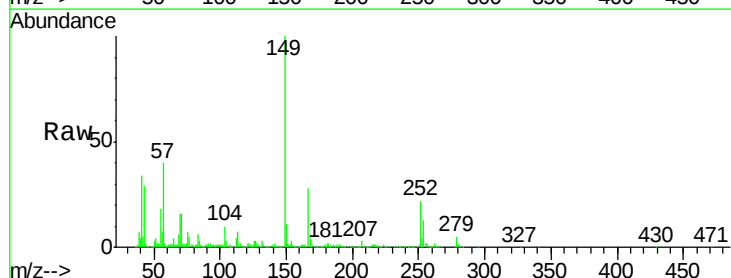
RT: 22.67 min Scan# 1021

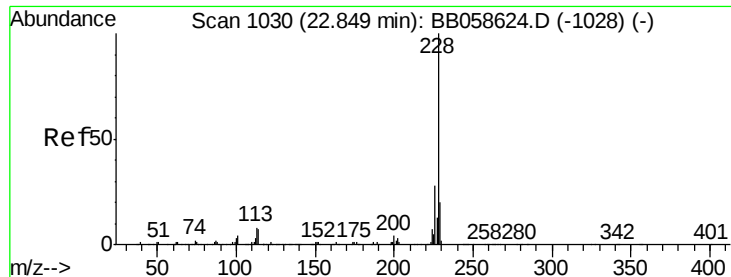
Delta R.T. -0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion:	149	Resp:	186723
Ion Ratio	Lower	Upper	
149	100		
167	28.3	23.2	34.8
279	4.9	4.1	6.1





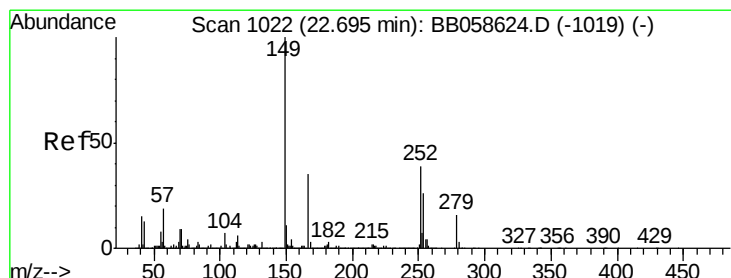
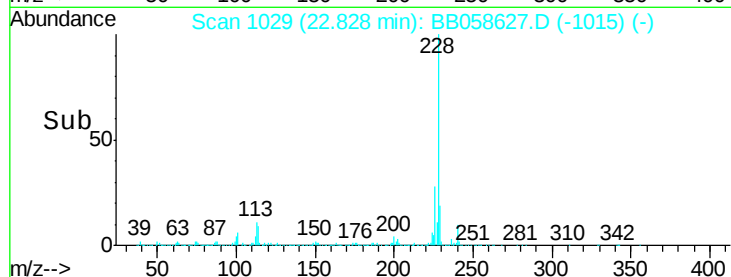
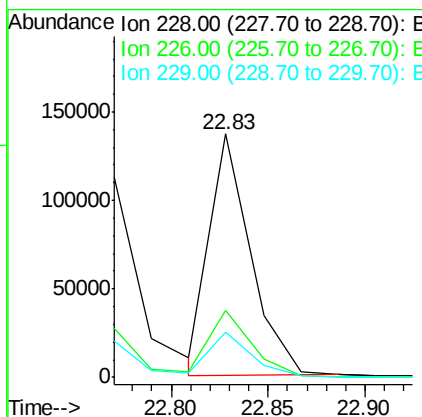
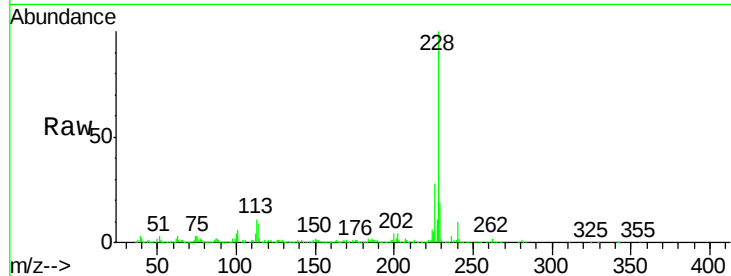
#82
Chrysene
Concen: 2.06 ng/ul
RT: 22.83 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	23.4	35.2
229	18.7	15.5	23.3

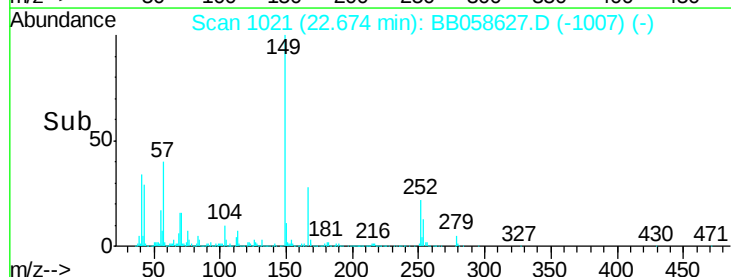
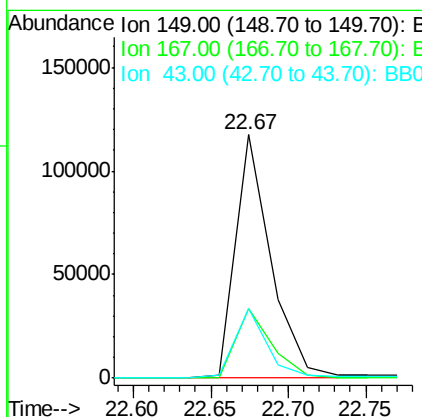
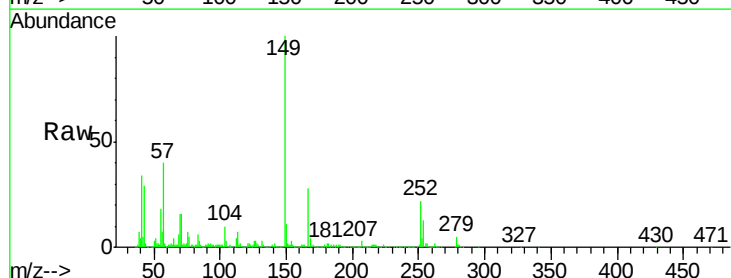
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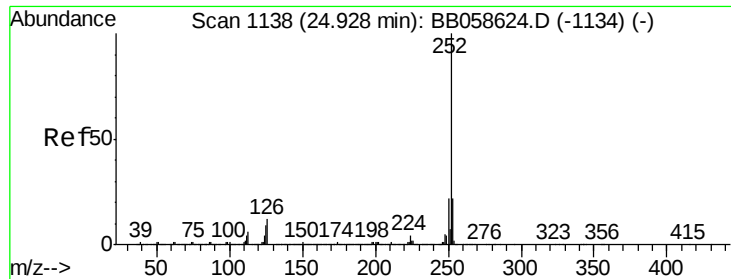
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#84
Di-n-octyl phthalate
Concen: 2.31 ng/ul
RT: 22.67 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.3	1.3	1.9#
43	28.8	6.6	10.0#





#85

Benzo(b)fluoranthene

Concen: 1.74 ng/ul

RT: 24.91 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Instrument :

BNA_B

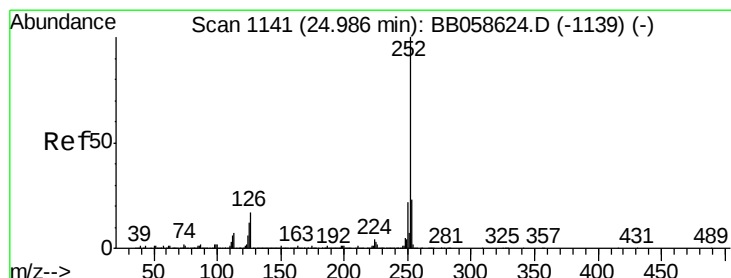
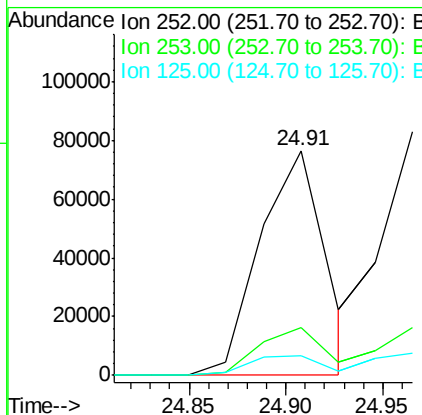
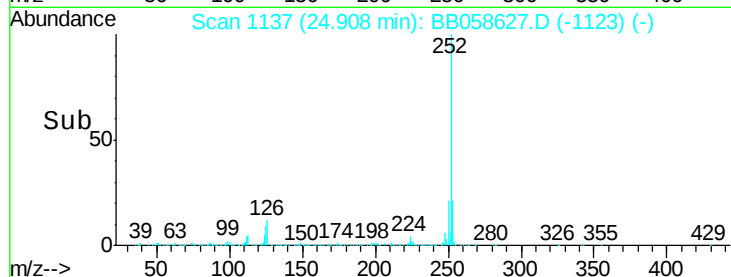
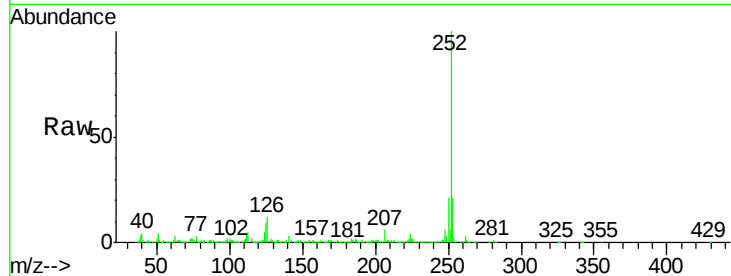
ClientSampleId :

MDL-02-S

Tgt Ion:	252	Resp:	178550
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.1	25.7
125	8.6	5.8	8.8

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#86

Benzo(k)fluoranthene

Concen: 2.30 ng/ul

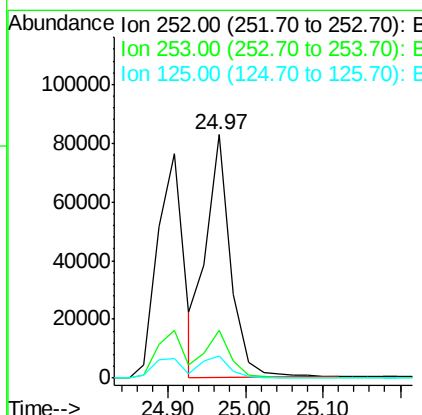
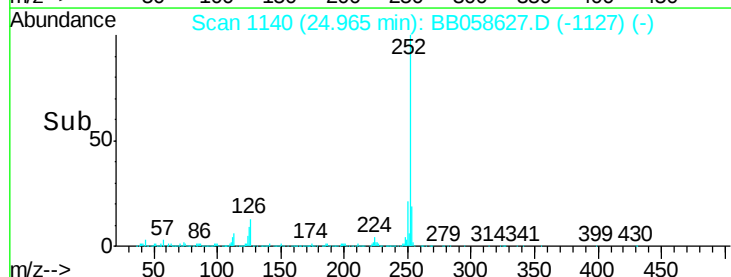
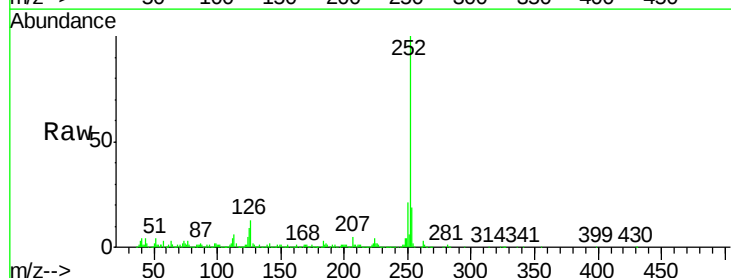
RT: 24.97 min Scan# 1140

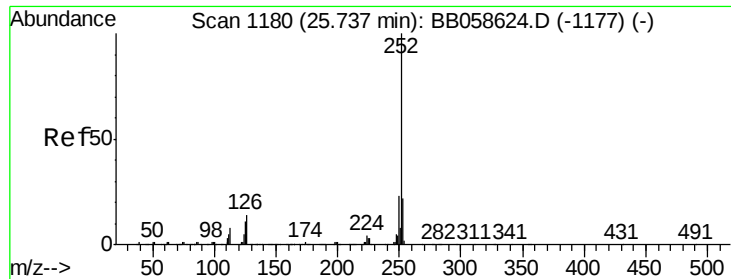
Delta R.T. -0.04 min

Lab File: BB058627.D

Acq: 13 Oct 2016 11:26

Tgt Ion:	252	Resp:	182795
Ion Ratio	Lower	Upper	
252	100		
253	19.4	17.6	26.4
125	9.0	5.7	8.5#





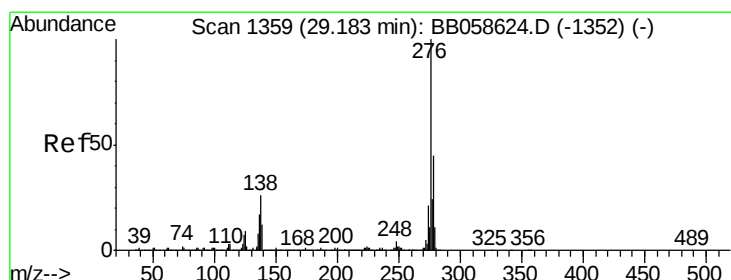
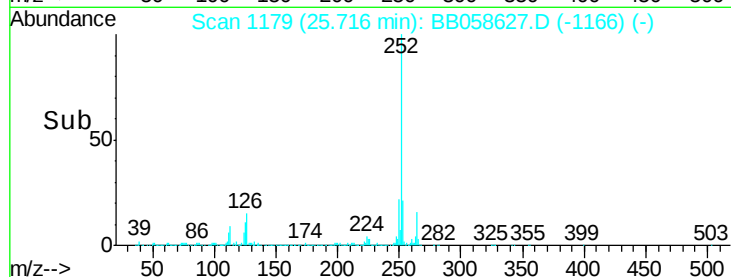
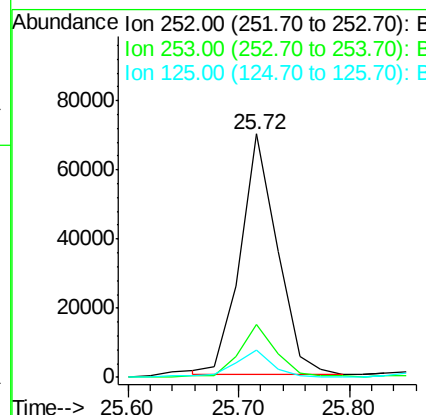
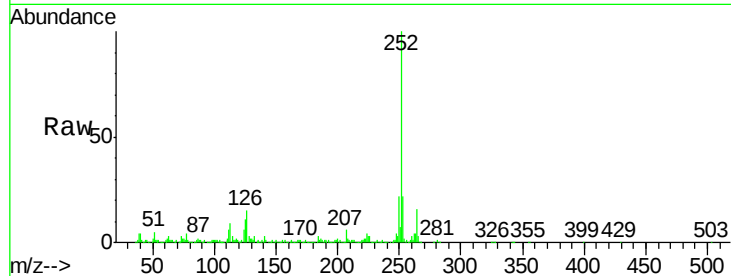
#88
Benzo(a)pyrene
Concen: 1.86 ng/ul
RT: 25.72 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	17.7	26.5
125	11.4	6.6	9.8

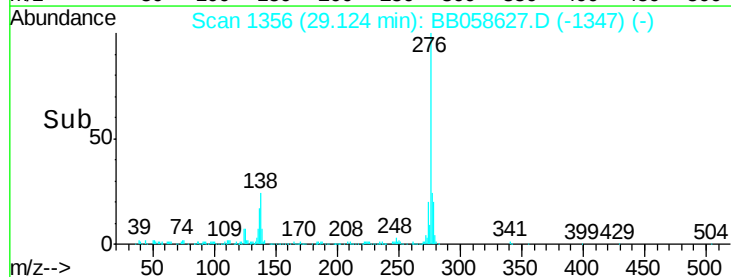
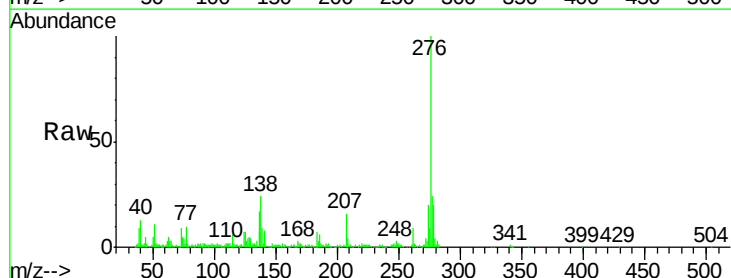
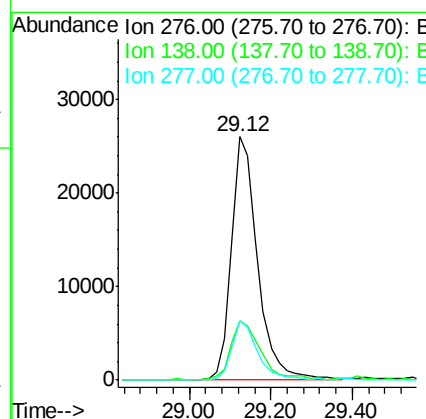
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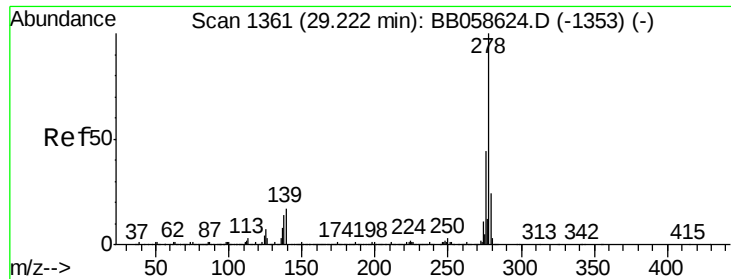
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10/13/2016 4:36:24 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 1.57 ng/ul
RT: 29.12 min Scan# 1356
Delta R.T. -0.12 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.4	13.9	20.9
277	24.4	20.1	30.1





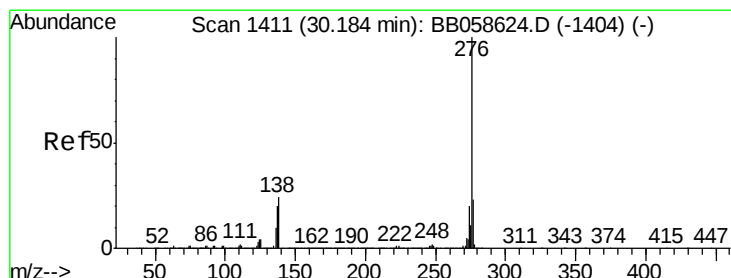
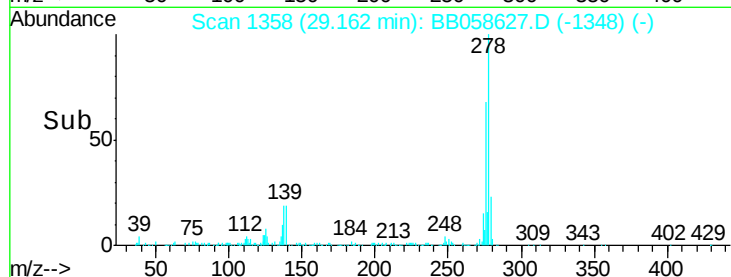
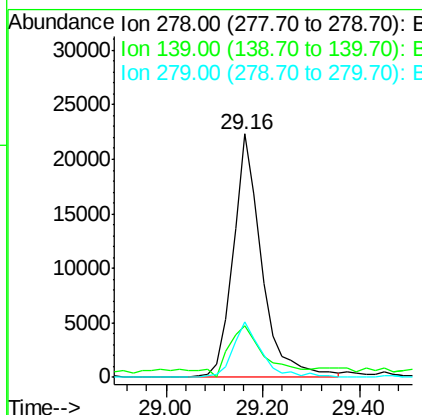
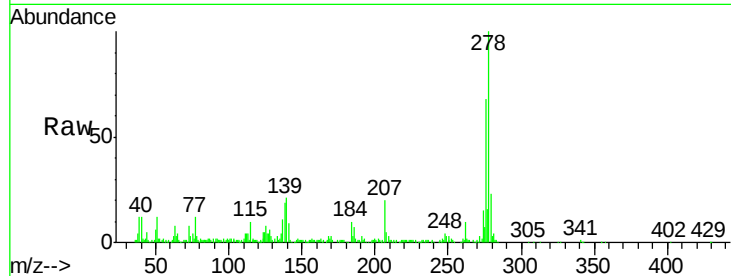
#90
Dibenzo(a,h)anthracene
Concen: 1.45 ng/ul
RT: 29.16 min Scan# 1358
Delta R.T. -0.10 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Instrument :
BNA_B
ClientSampleId :
MDL-02-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	9.5	14.3#
279	22.9	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 1.62 ng/ul
RT: 30.13 min Scan# 1408
Delta R.T. -0.12 min
Lab File: BB058627.D
Acq: 13 Oct 2016 11:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	13.5	20.3#
277	20.1	19.3	28.9

