

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
 Data File : BB058626.D
 Acq On : 13 Oct 2016 10:45
 Operator : UM/SJ
 Sample : MDL-01-S
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_B
 ClientSampleID :
 MDL-01-S

Manual Integrations
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Quant Time: Oct 13 11:31:24 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	499908	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1888736	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1150408	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1786220	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1885887	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1445310	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	58684	5.32	ng/uL	0.02
5) Phenol-d5	7.81	99	863312	23.77	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	612728	25.19	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	948368	25.17	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	721536	24.00	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	487054	24.94	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	545020	25.94	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	737748	24.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	976727	27.24	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	1899024	24.83	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2338236	25.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	351910	20.03	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1648011	26.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	399185	21.05	ng/ul	0.00
70) Anthracene-d10	18.53	188	2216782m	27.75	ng/ul	0.00
76) Pyrene-d10	20.86	212	2306790	27.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	1678197	25.43	ng/ul	-0.04

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.69	88	9783	0.89	ng/uL#	88
4) Benzaldehyde	7.75	77	44807	1.92	ng/ul	86
6) Phenol	7.83	94	82785	2.30	ng/ul#	25
8) Bis(2-Chloroethyl)ether	8.06	93	73771	2.48	ng/ul	86
10) 2-Chlorophenol	8.23	128	87643	2.44	ng/ul	99
11) 2-Methylphenol	9.16	108	67257	2.32	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.25	45	131597	2.52	ng/ul#	90
14) Acetophenone	9.54	105	108519	2.47	ng/ul#	80
15) N-Nitroso-di-n-propylamine	9.54	70	63721	2.45	ng/ul#	52
16) 4-Methylphenol	9.50	108	73284	2.35	ng/ul	95
17) Hexachloroethane	9.85	117	41622	2.40	ng/ul#	84
20) Nitrobenzene	9.93	77	95031	2.59	ng/ul#	97
21) Isophorone	10.49	82	173402	2.45	ng/ul	98
23) 2-Nitrophenol	10.70	139	53319	2.43	ng/ul#	88
24) 2,4-Dimethylphenol	10.78	107	91962	2.56	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.99	93	81932	2.40	ng/ul#	91
27) 2,4-Dichlorophenol	11.26	162	75377	2.53	ng/ul#	64
28) Naphthalene	11.68	128	241553	2.69	ng/ul	99
30) 4-Chloroaniline	11.78	127	88457	2.60	ng/ul	98
31) Hexachlorobutadiene	12.03	225	52951	2.60	ng/ul	94
32) Caprolactam	12.57	113	21113	1.95	ng/ul	94
33) 4-Chloro-3-methylphenol	12.95	107	70995	2.39	ng/ul	89
34) 2-Methylnaphthalene	13.34	142	157409	2.54	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	84453	2.39	ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	29826	1.34	ng/ul#	90
38) 2,4,6-Trichlorophenol	13.97	196	49570	2.31	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	49407	2.17	ng/ul	95
40) 1,1'-Biphenyl	14.38	154	187951	2.44	ng/ul#	97
41) 2-Chloronaphthalene	14.41	162	149178	2.43	ng/ul	98
42) 2-Nitroaniline	14.61	65	49771	2.11	ng/ul#	78
44) Dimethylphthalate	15.01	163	187316	2.45	ng/ul#	95
45) 2,6-Dinitrotoluene	15.11	165	43427	2.25	ng/ul	90
47) Acenaphthylene	15.28	152	229427	2.62	ng/ul	99
48) 3-Nitroaniline	14.61	138	53519	2.12	ng/ul#	36
49) Acenaphthene	15.65	153	147226	2.45	ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	14051	1.02	ng/ul#	48
52) 4-Nitrophenol	15.78	109	29584	2.07	ng/ul#	73
53) Dibenzofuran	15.99	168	213561	2.49	ng/ul	97
54) 2,4-Dinitrotoluene	15.94	165	59585	2.21	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	16.22	232	42390	2.13	ng/ul#	66
56) Diethylphthalate	16.42	149	219413	2.76	ng/ul	94
58) Fluorene	16.67	166	168394	2.42	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	92472	2.47	ng/ul	94
60) 4-Nitroaniline	16.65	138	30610m	1.53	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.74	198	36214	1.91	ng/ul	91
64) N-Nitrosodiphenylamine	16.86	169	143276	2.49	ng/ul	91
65) 4-Bromophenyl-phenylether	17.57	248	55589	2.43	ng/ul#	89
66) Hexachlorobenzene	17.73	284	51766	2.26	ng/ul#	66
67) Atrazine	17.84	200	54093	2.46	ng/ul	92
68) Pentachlorophenol	18.07	266	27248	1.68	ng/ul	98
69) Phenanthrene	18.46	178	237571	2.67	ng/ul	99
71) Anthracene	18.55	178	241083	2.65	ng/ul	98
72) Carbazole	18.82	167	206117	2.72	ng/ul#	96
73) Di-n-butylphthalate	19.40	149	337314	2.72	ng/ul#	97
74) Fluoranthene	20.52	202	266445	2.94	ng/ul	99
77) Pyrene	20.88	202	264932	2.69	ng/ul#	88
78) Butylbenzylphthalate	21.79	149	149991	2.35	ng/ul#	87
79) 3,3'-Dichlorobenzidine	22.67	252	45731	1.37	ng/ul#	97
80) Benzo(a)anthracene	22.77	228	251751	2.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.67	149	197419	2.32	ng/ul	98
82) Chrysene	22.83	228	220893	2.45	ng/ul	99
84) Di-n-octyl phthalate	22.67	149	197419	2.62	ng/ul#	33
85) Benzo(b)fluoranthene	24.91	252	189522	1.99	ng/ul	98
86) Benzo(k)fluoranthene	24.96	252	187175	2.53	ng/ul#	97
88) Benzo(a)pyrene	25.72	252	179540	2.23	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.12	276	123572	1.76	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.16	278	93763	1.61	ng/ul#	92
91) Benzo(g,h,i)perylene	30.12	276	103579	1.87	ng/ul#	90

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

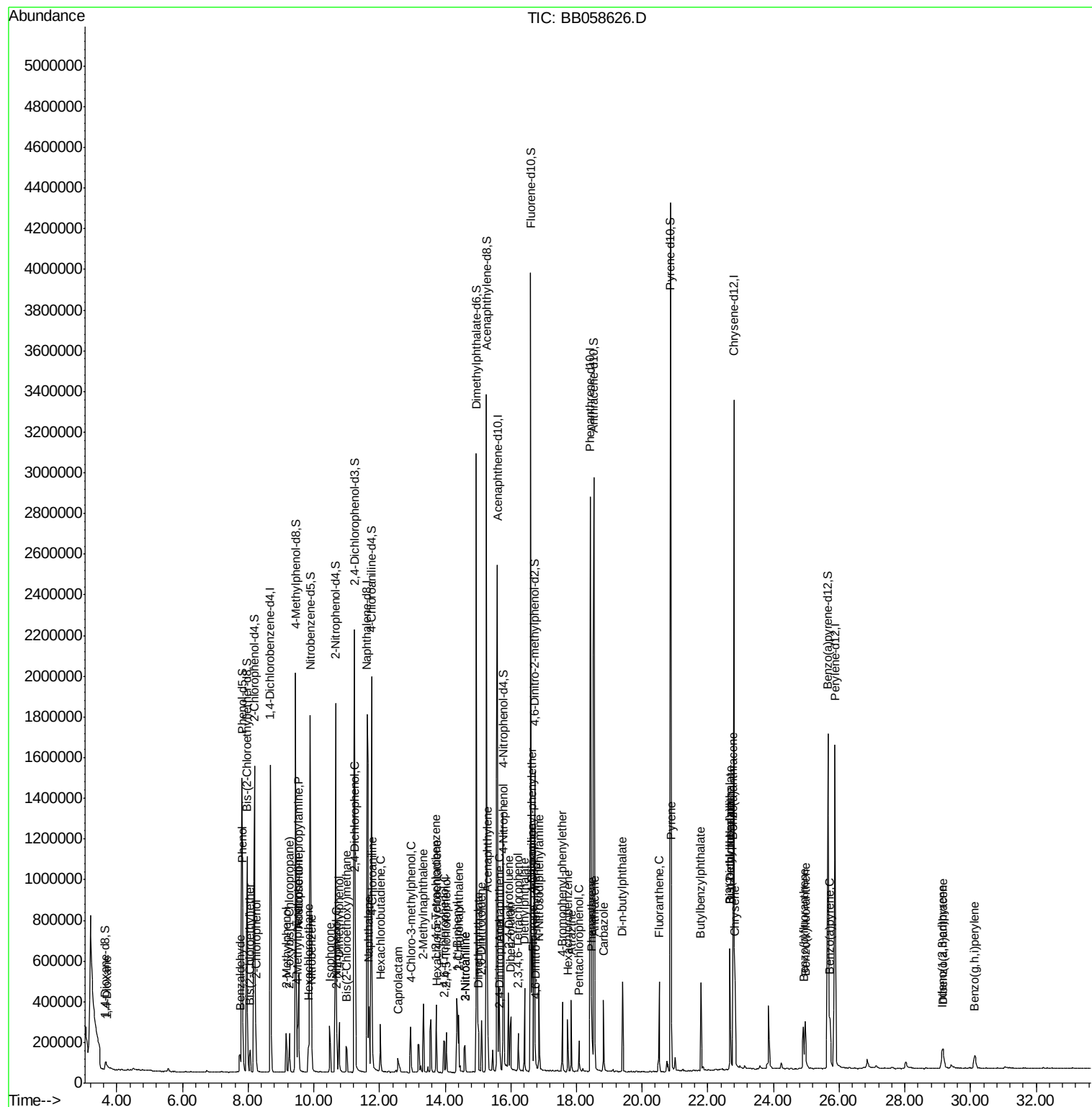
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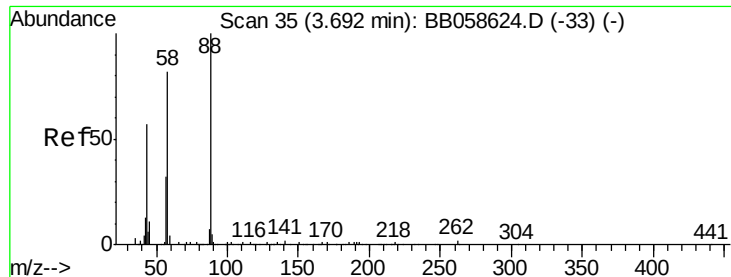
Instrument :
BNA_B
ClientSampled :
MDL-01-S

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#2

1,4-Dioxane

Concen: 0.89 ng/uL

RT: 3.69 min Scan# 35

Delta R.T. 0.02 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

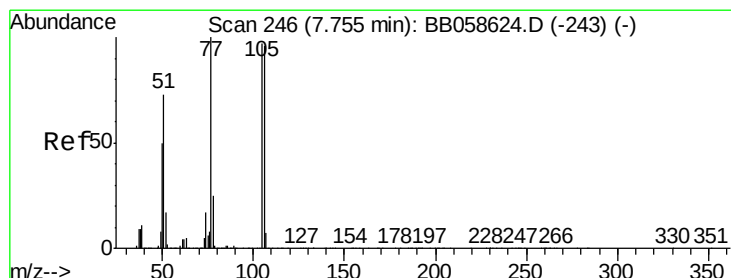
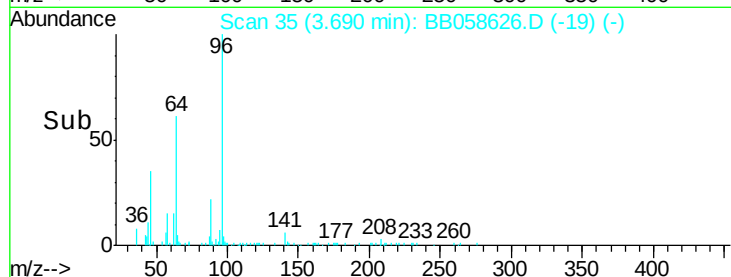
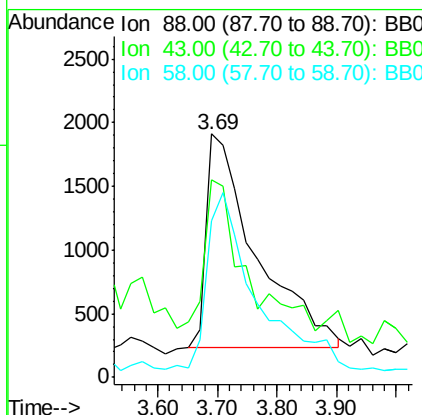
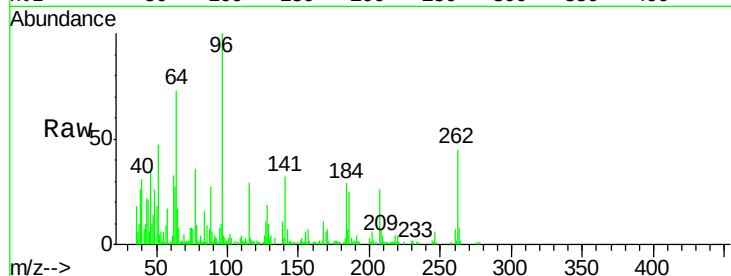
ClientSampled :

MDL-01-S

Tgt Ion:	88	Resp:	9783
Ion Ratio	Lower	Upper	
88	100		
43	43.4	22.6	34.0#
58	75.8	57.3	85.9

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#4

Benzaldehyde

Concen: 1.92 ng/uL

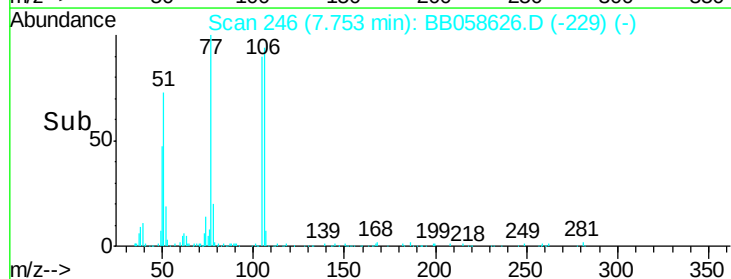
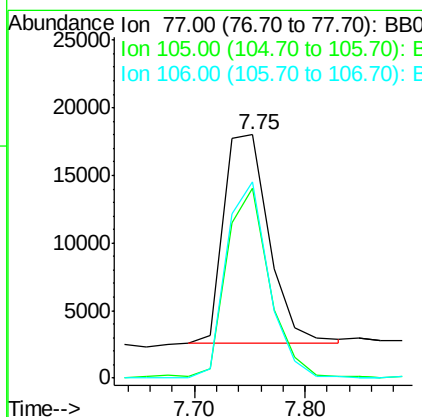
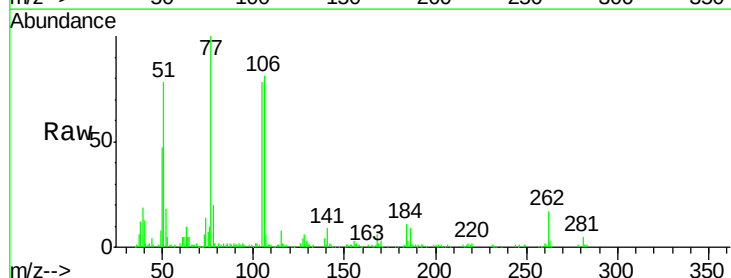
RT: 7.75 min Scan# 246

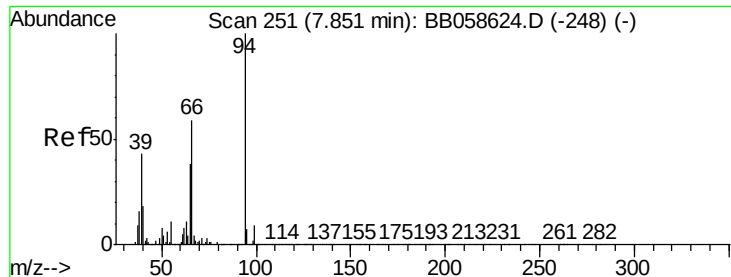
Delta R.T. 0.04 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Tgt Ion:	77	Resp:	44807
Ion Ratio	Lower	Upper	
77	100		
105	78.2	76.9	115.3
106	80.7	71.8	107.8





#6

Phenol

Concen: 2.30 ng/ul

RT: 7.83 min Scan# 250

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

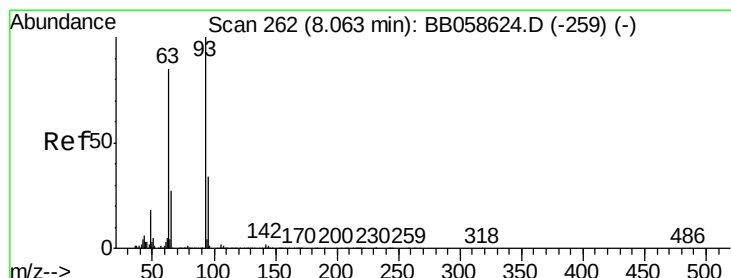
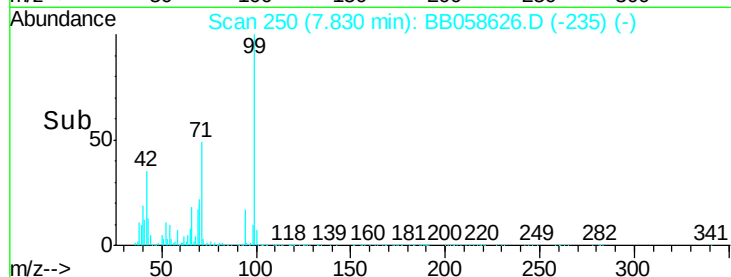
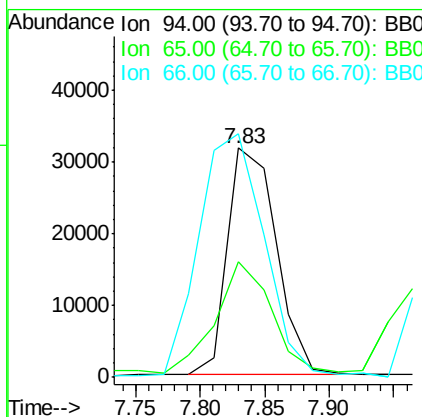
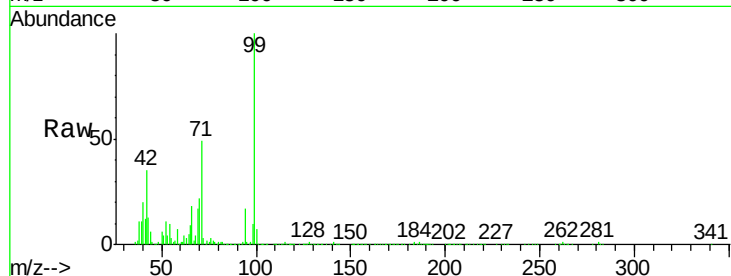
ClientSampleId :

MDL-01-S

Tgt Ion:	94	Resp:	82785
Ion Ratio	Lower	Upper	
94	100		
65	50.4	23.9	35.9#
66	106.3	33.5	50.3#

Manual Integrations
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#8

Bis(2-Chloroethyl)ether

Concen: 2.48 ng/ul

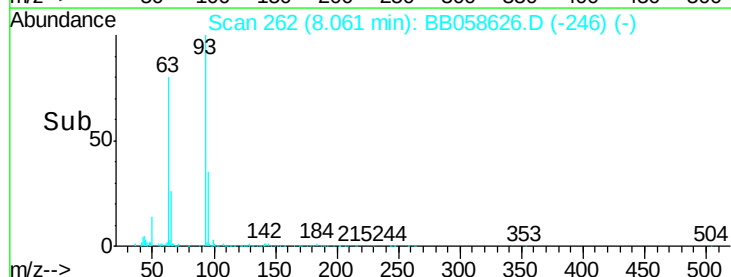
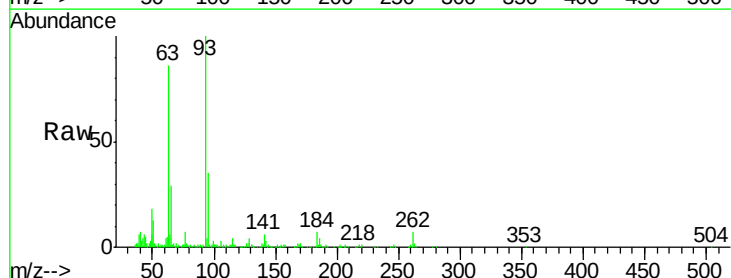
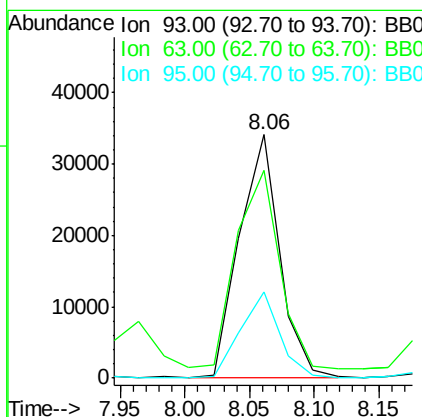
RT: 8.06 min Scan# 262

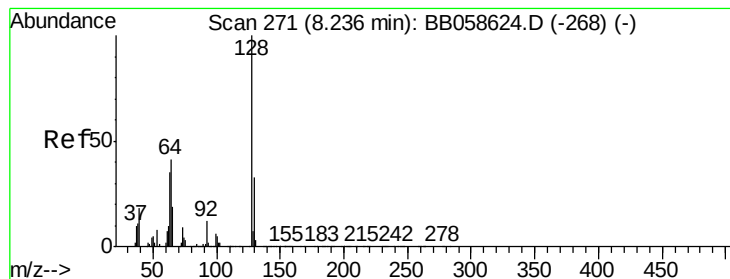
Delta R.T. 0.02 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Tgt Ion:	93	Resp:	73771
Ion Ratio	Lower	Upper	
93	100		
63	85.6	57.3	85.9
95	35.2	25.1	37.7





#10

2-Chlorophenol

Concen: 2.44 ng/ul

RT: 8.23 min Scan# 271

Delta R.T. 0.02 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

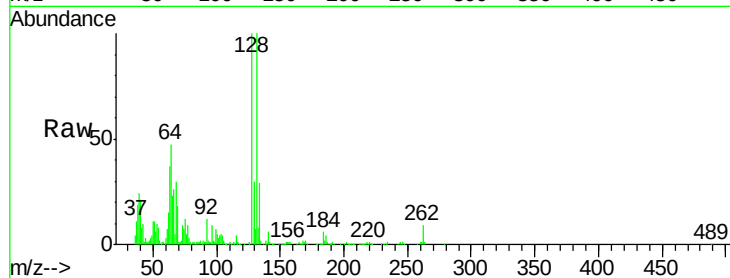
ClientSampleId :

MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	87643		
64	47.1		37.5	56.3
130	29.6		25.0	37.4

Manual Integrations
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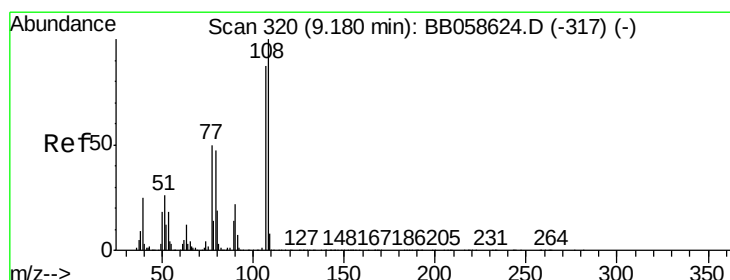
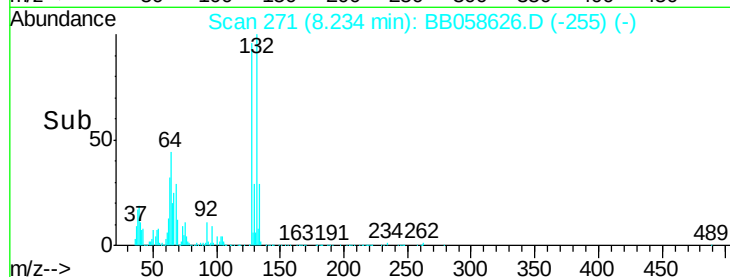
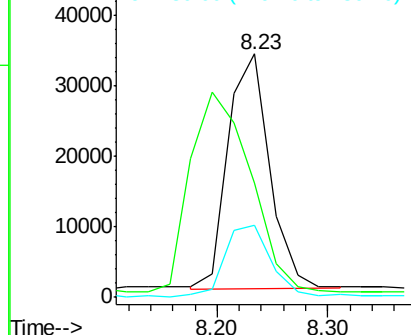
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BB0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 2.32 ng/ul

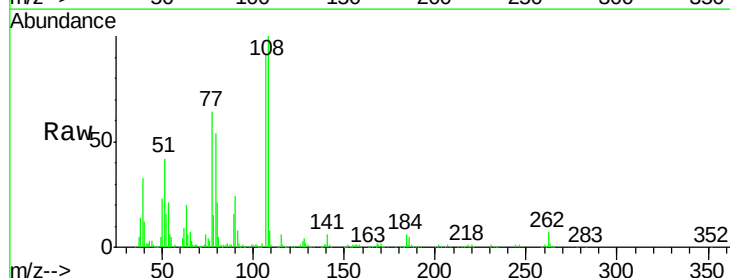
RT: 9.16 min Scan# 319

Delta R.T. -0.00 min

Lab File: BB058626.D

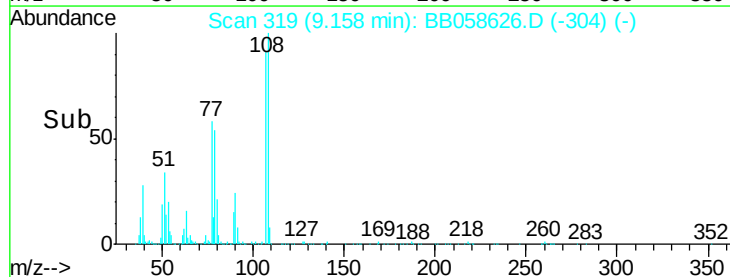
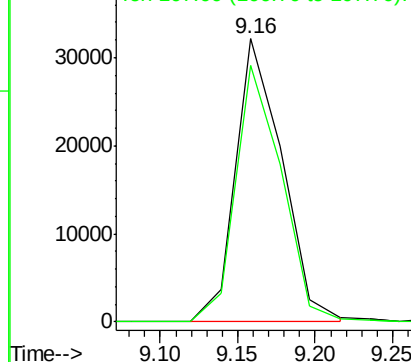
Acq: 13 Oct 2016 10:45

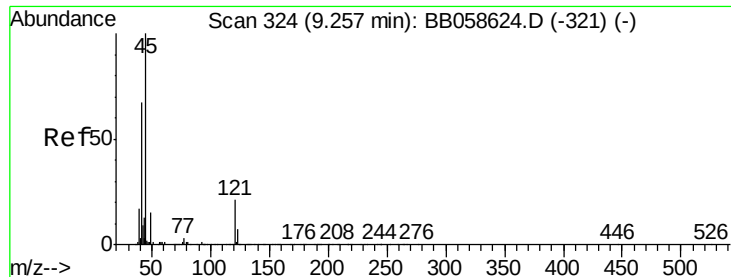
Tgt Ion	Ratio	Resp	Lower	Upper
108	100	67257		
107	90.8		71.8	107.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





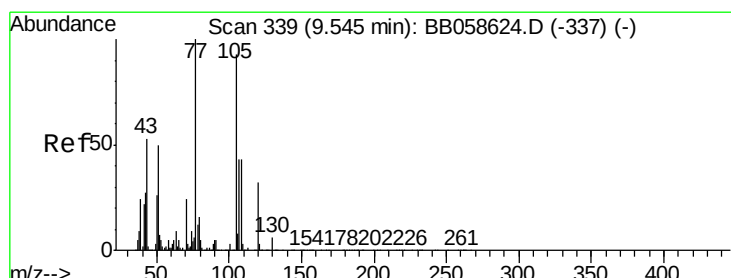
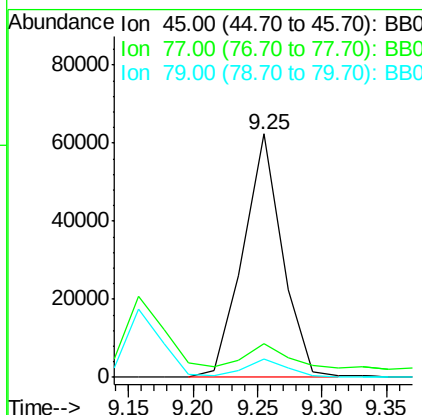
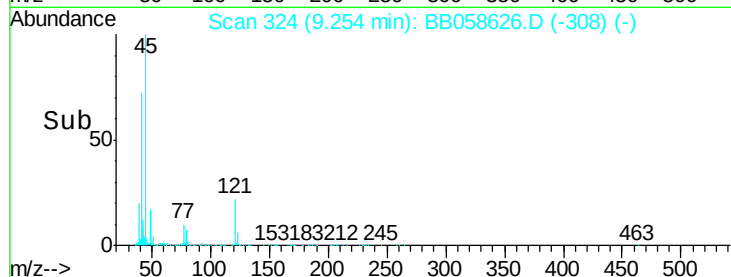
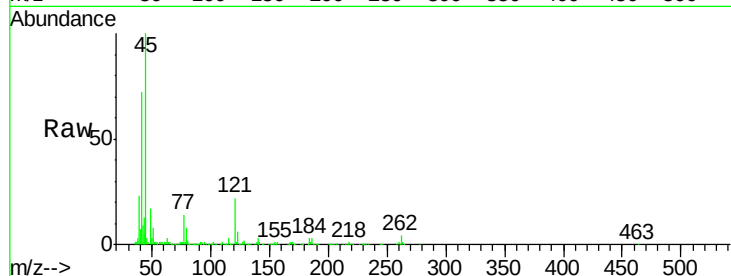
#12
2,2'-oxybis(1-Chloropropane)
Concen: 2.52 ng/ul
RT: 9.25 min Scan# 324
Delta R.T. 0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

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BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	14.1	21.1#
79	7.6	10.4	15.6#

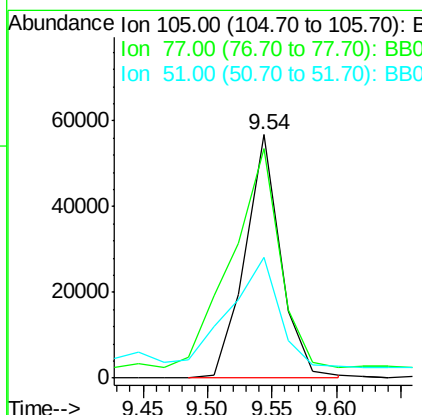
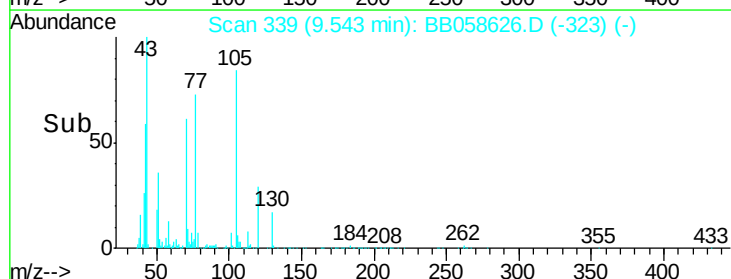
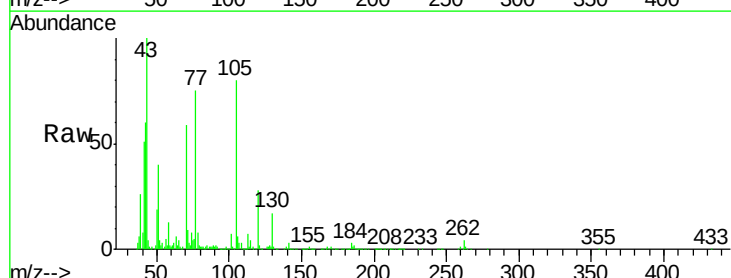
Manual Integrations
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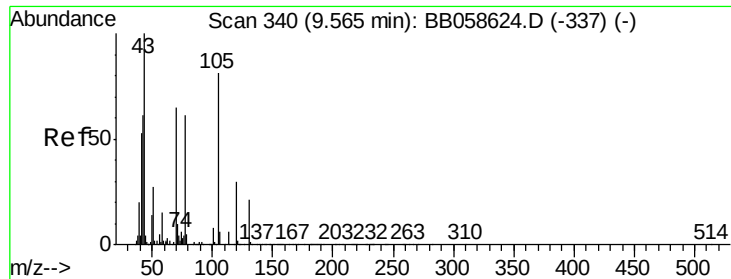
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#14
Acetophenone
Concen: 2.47 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. 0.02 min
Lab File: BB058626.D
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Tgt Ion	Ratio	Lower	Upper
105	100		
77	94.1	65.9	98.9
51	49.6	22.2	33.2#





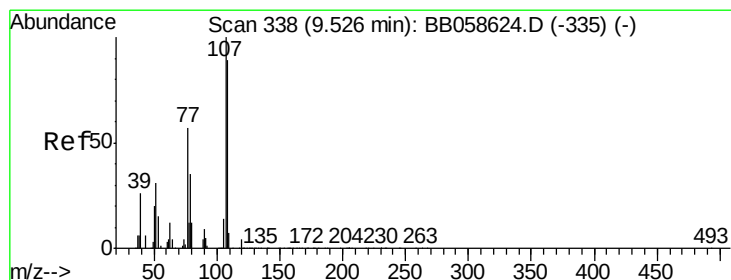
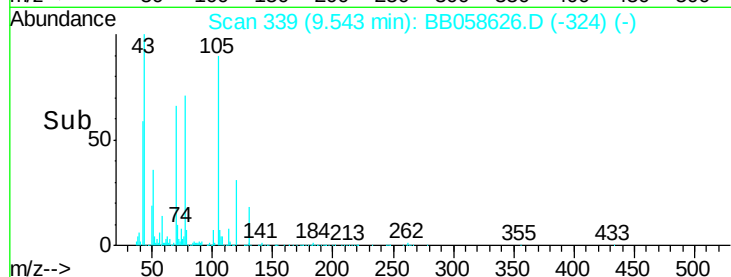
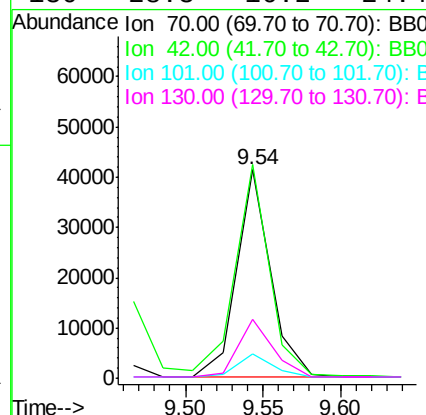
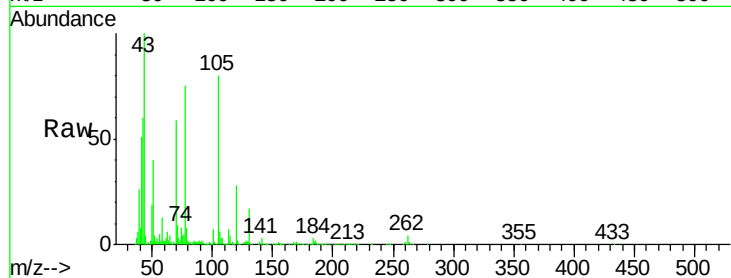
#15
N-Nitroso-di-n-propylamine
Concen: 2.45 ng/ul
RT: 9.54 min Scan# 339
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
70	100		
42	102.5	43.4	65.2#
101	11.6	7.8	11.6
130	28.3	16.2	24.4#

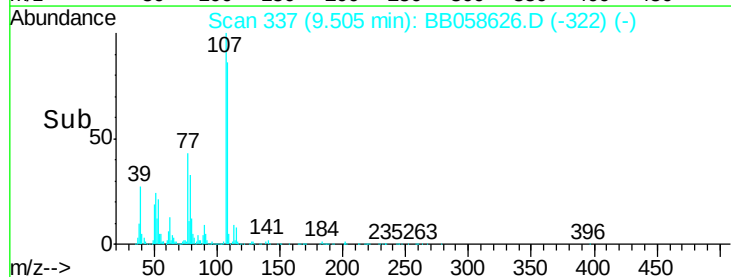
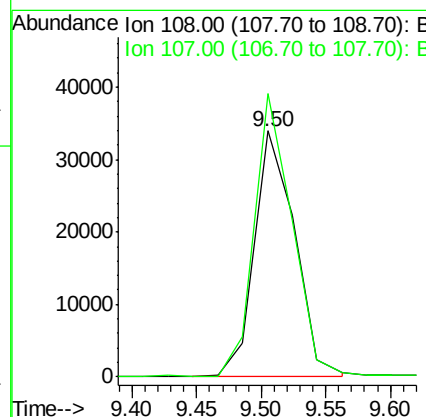
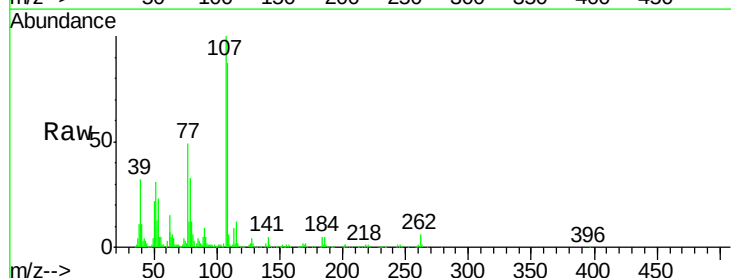
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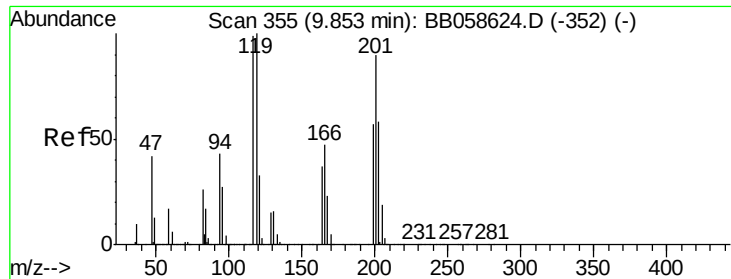
sohil
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#16
4-Methylphenol
Concen: 2.35 ng/ul
RT: 9.50 min Scan# 337
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Lower	Upper
108	100		
107	115.2	87.8	131.8





#17

Hexachloroethane

Concen: 2.40 ng/ul

RT: 9.85 min Scan# 355

Delta R.T. 0.02 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

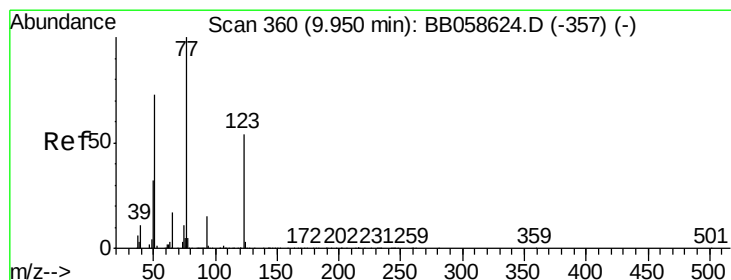
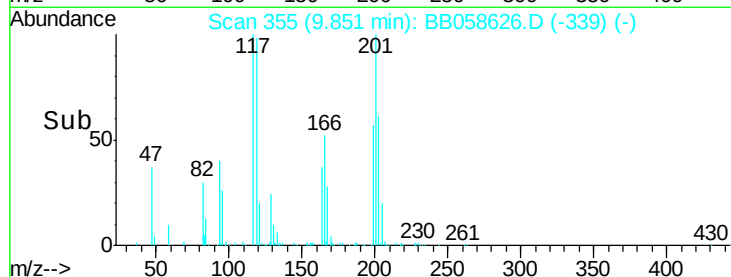
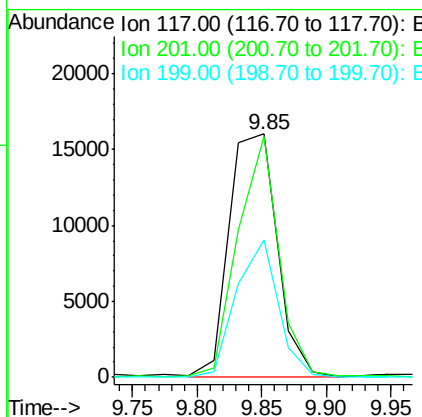
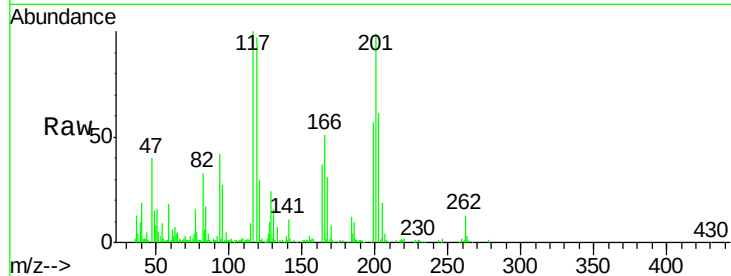
ClientSampled :

MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41622		
201	98.9	90.3	135.5	
199	56.6	58.5	87.7#	

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#20

Nitrobenzene

Concen: 2.59 ng/ul

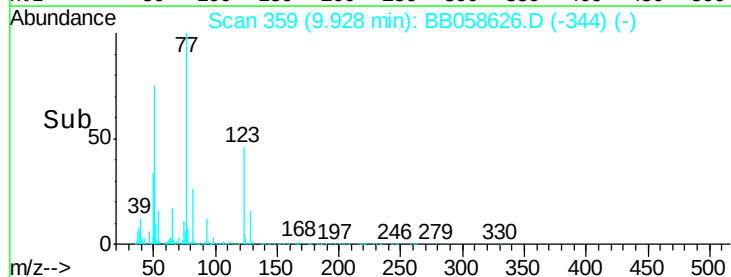
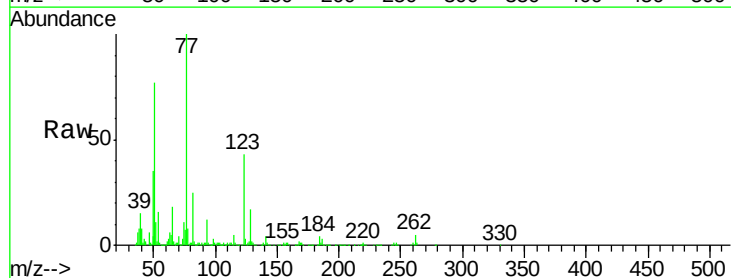
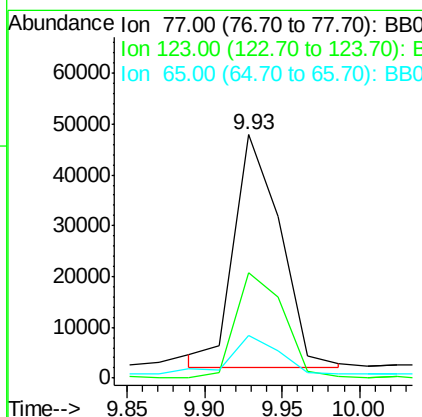
RT: 9.93 min Scan# 359

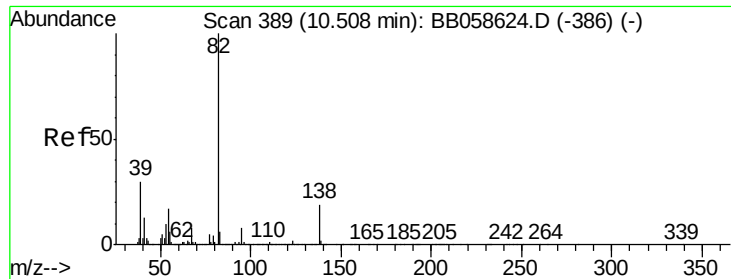
Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	95031		
123	43.1	34.2	51.4	
65	17.6	11.0	16.6#	





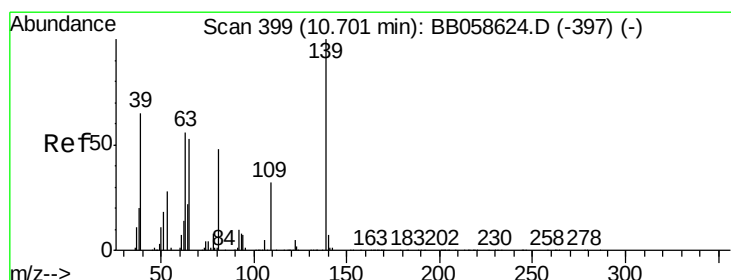
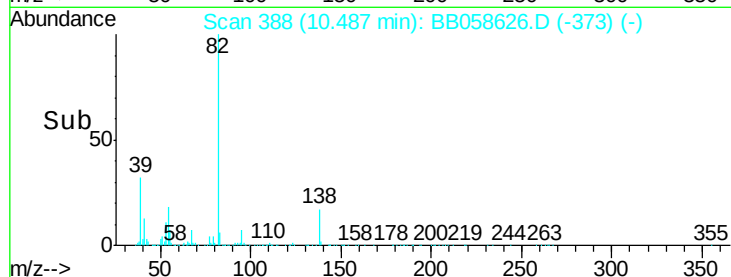
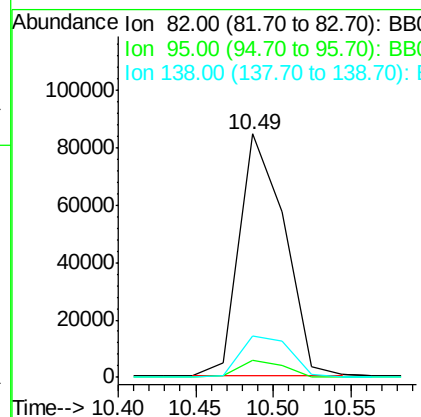
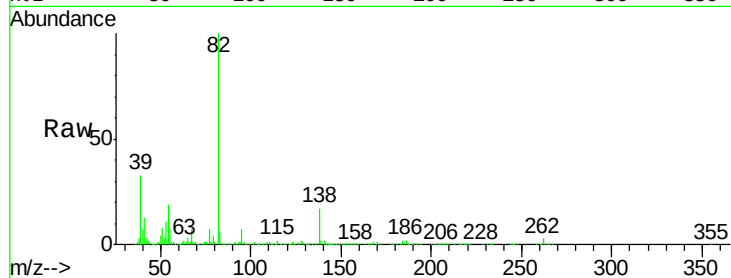
#21
Isophorone
Concen: 2.45 ng/ul
RT: 10.49 min Scan# 388
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.0	6.9	10.3
138	16.8	13.8	20.8

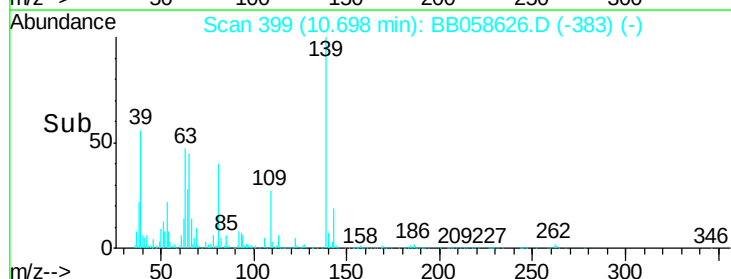
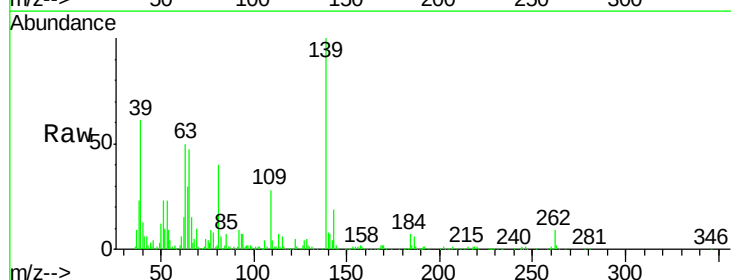
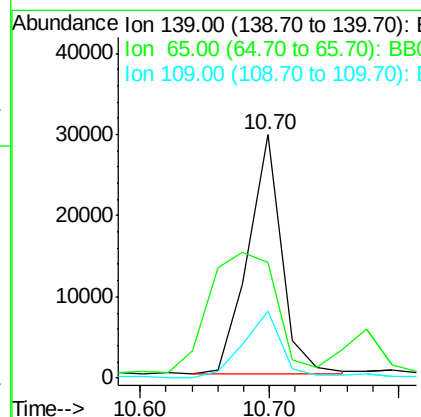
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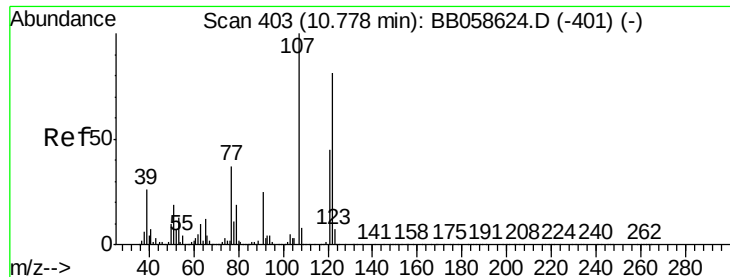
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#23
2-Nitrophenol
Concen: 2.43 ng/ul
RT: 10.70 min Scan# 399
Delta R.T. 0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
65	47.4	44.2	66.4
109	27.7	28.2	42.4





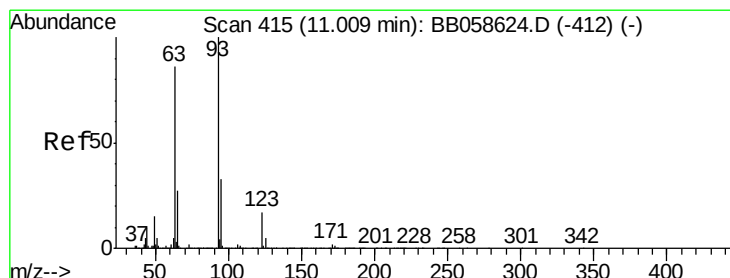
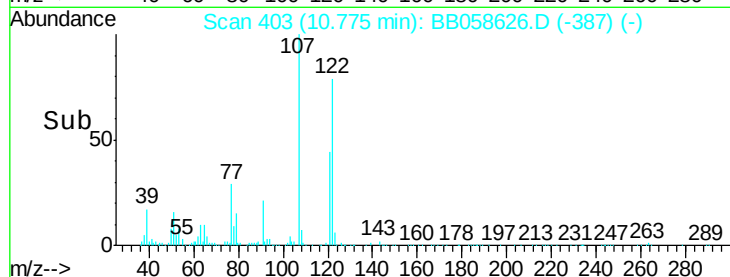
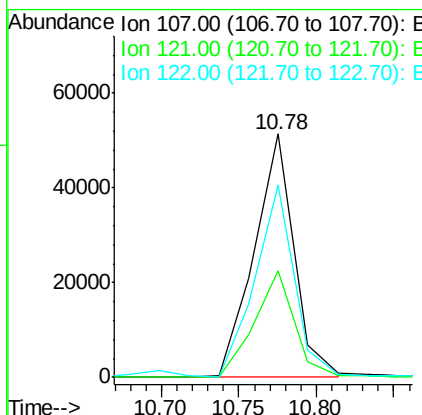
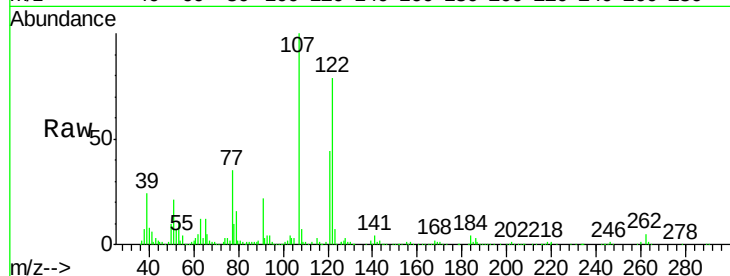
#24
2,4-Dimethylphenol
Concen: 2.56 ng/ul
RT: 10.78 min Scan# 403
Delta R.T. 0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	91962		
121	43.8	37.1	55.7	
122	79.0	62.8	94.2	

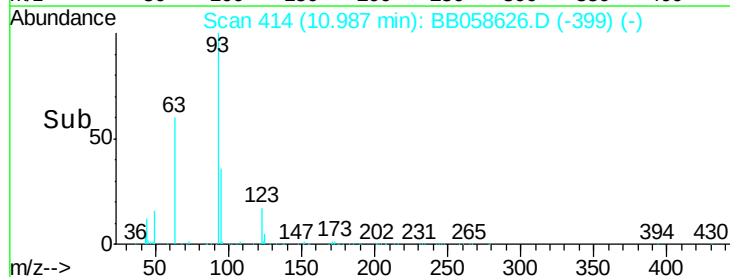
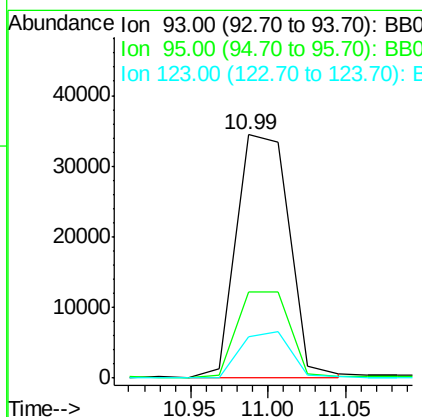
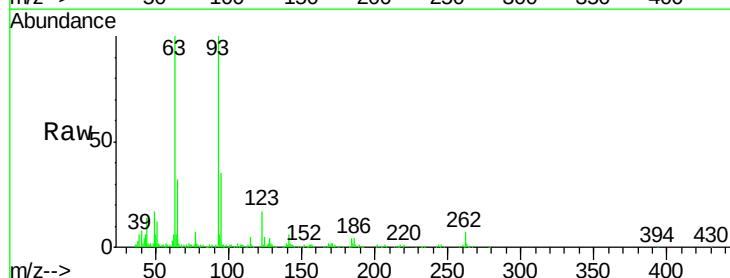
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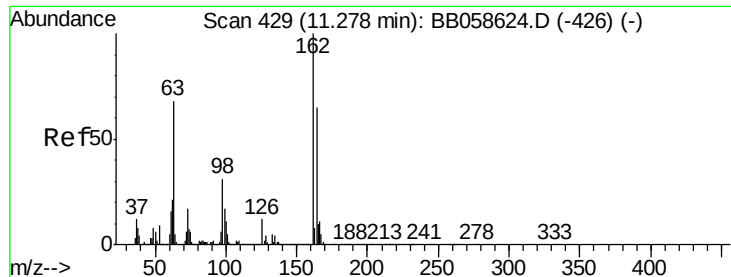
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#25
Bis(2-Chloroethoxy)methane
Concen: 2.40 ng/ul
RT: 10.99 min Scan# 414
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	81932		
95	35.2	25.4	38.0	
123	17.2	8.3	12.5	





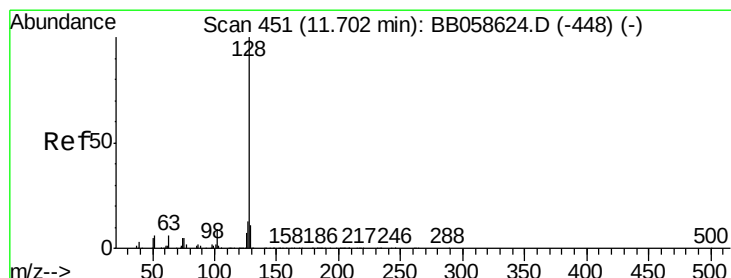
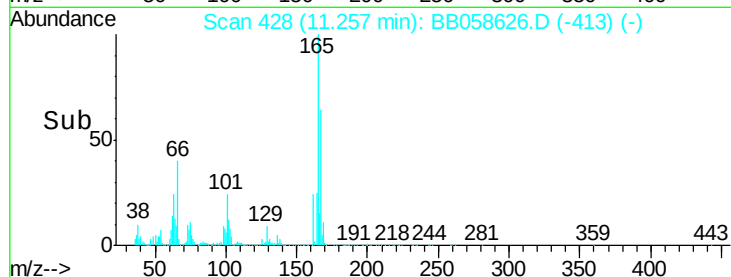
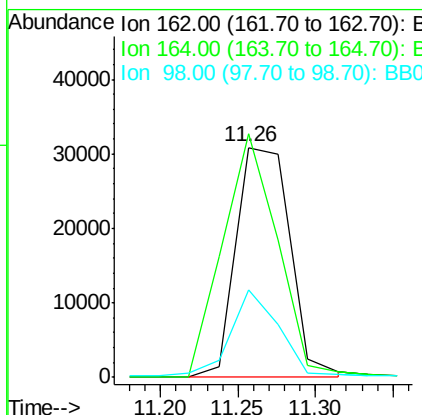
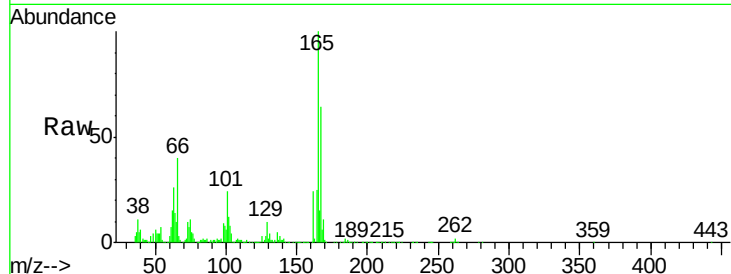
#27
 2,4-Dichlorophenol
 Concen: 2.53 ng/ul
 RT: 11.26 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	106.0	51.6	77.4#
98	37.9	28.4	42.6

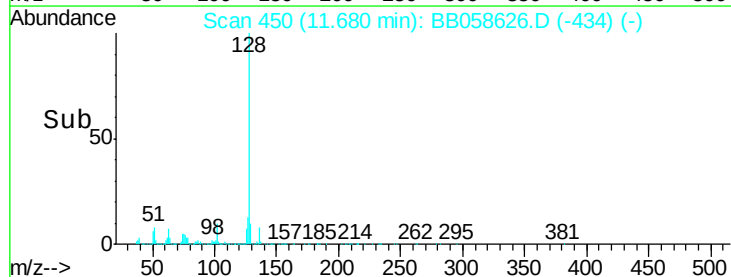
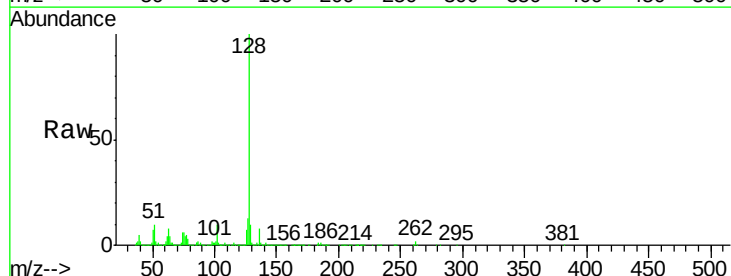
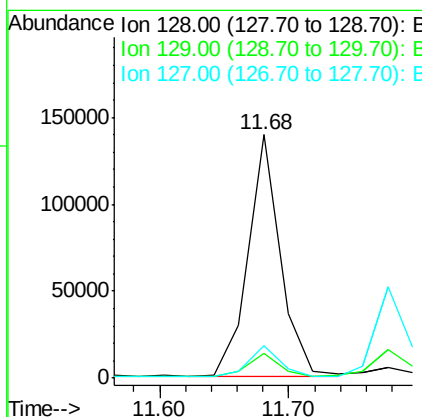
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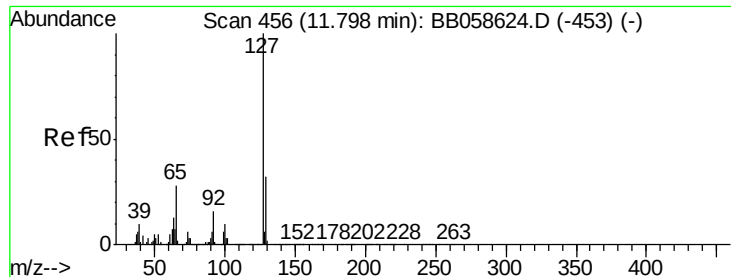
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#28
 Naphthalene
 Concen: 2.69 ng/ul
 RT: 11.68 min Scan# 450
 Delta R.T. 0.02 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	13.3	10.6	15.8





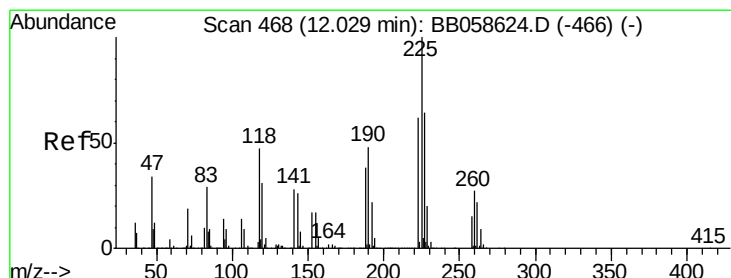
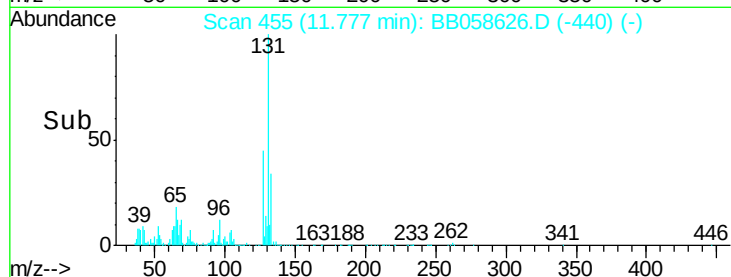
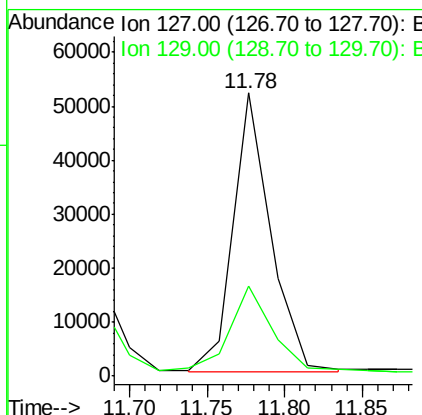
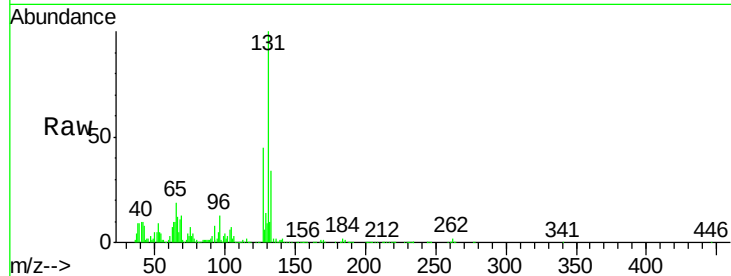
#30
4-Chloroaniline
Concen: 2.60 ng/ul
RT: 11.78 min Scan# 455
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampled :
MDL-01-S

Tgt Ion:127 Resp: 88457
Ion Ratio Lower Upper
127 100
129 31.7 24.6 37.0

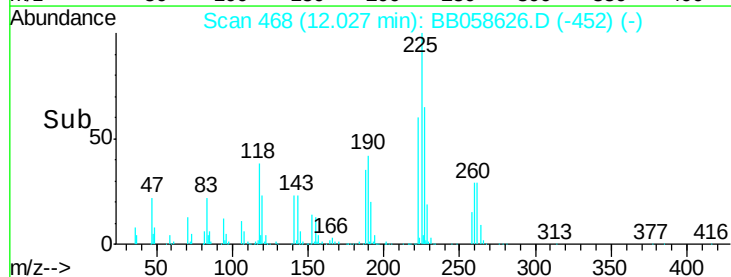
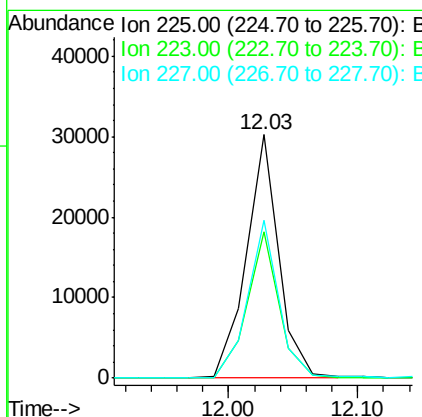
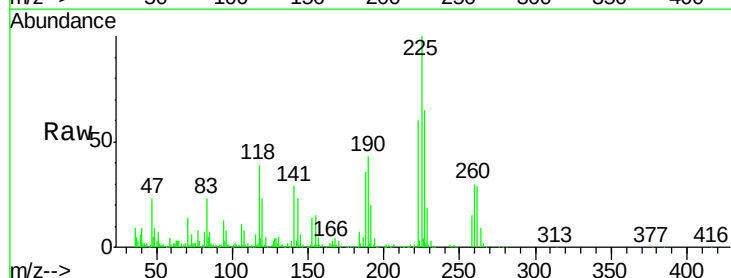
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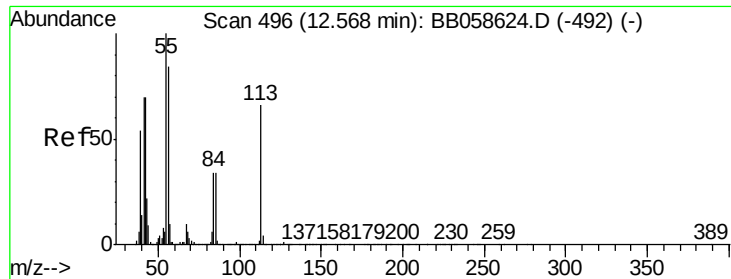
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#31
Hexachlorobutadiene
Concen: 2.60 ng/ul
RT: 12.03 min Scan# 468
Delta R.T. 0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion:225 Resp: 52951
Ion Ratio Lower Upper
225 100
223 57.7 51.2 76.8
227 62.3 52.5 78.7





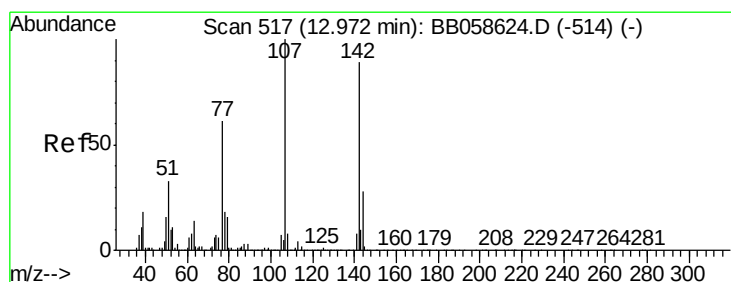
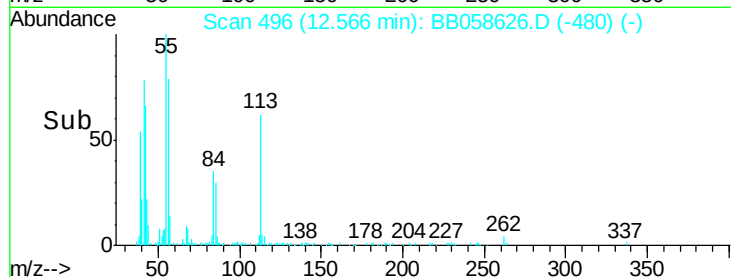
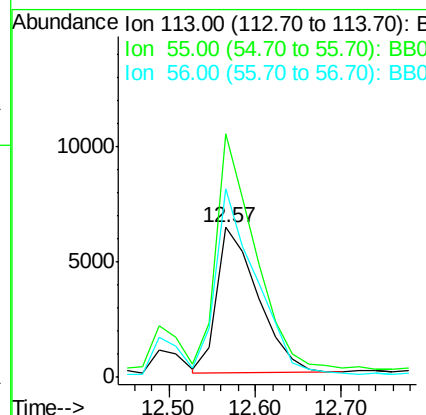
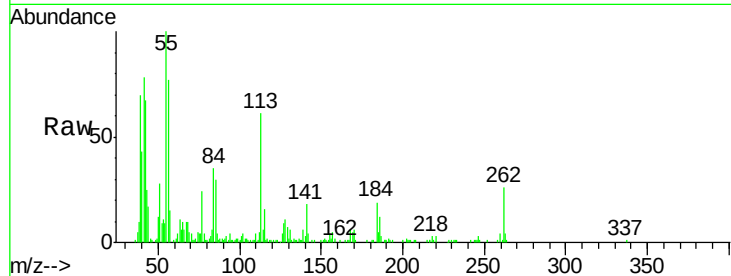
#32
 Caprolactam
 Concen: 1.95 ng/ul
 RT: 12.57 min Scan# 496
 Delta R.T. 0.02 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	21113		
55	162.7	121.9	182.9	
56	125.8	97.4	146.0	

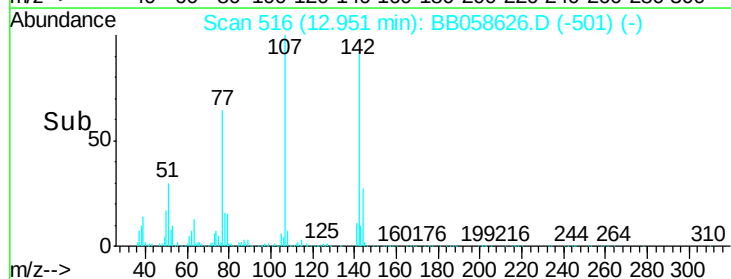
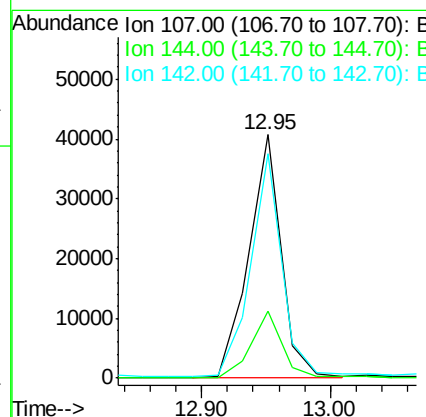
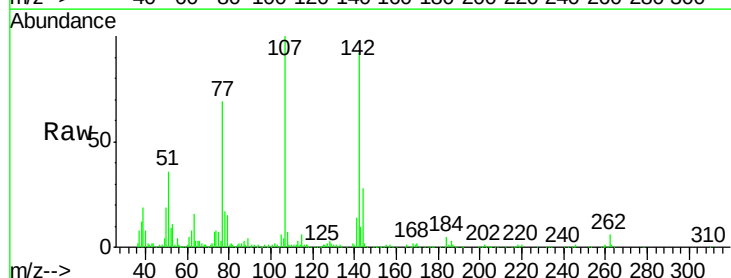
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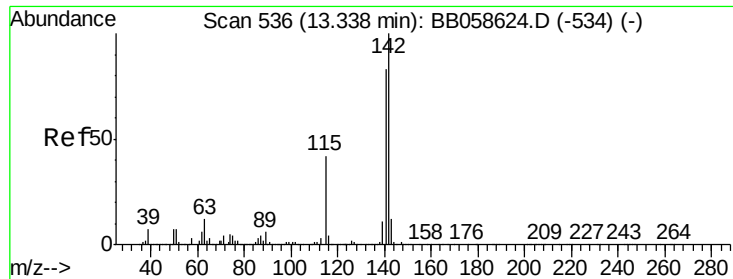
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#33
 4-Chloro-3-methylphenol
 Concen: 2.39 ng/ul
 RT: 12.95 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	70995		
144	27.7	21.1	31.7	
142	92.2	64.1	96.1	





#34

2-Methylnaphthalene

Concen: 2.54 ng/ul

RT: 13.34 min Scan# 536

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

ClientSampleId :

MDL-01-S

Tgt Ion:142 Resp: 157409

Ion Ratio Lower Upper

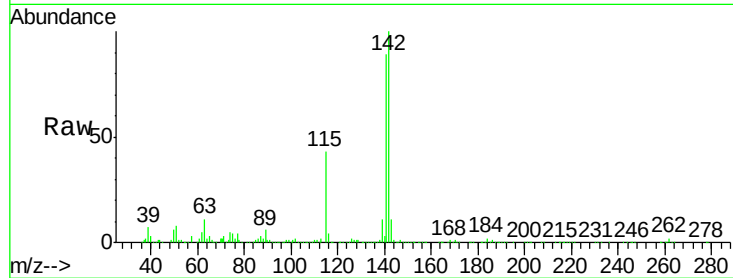
142 100

141 88.7 71.3 106.9

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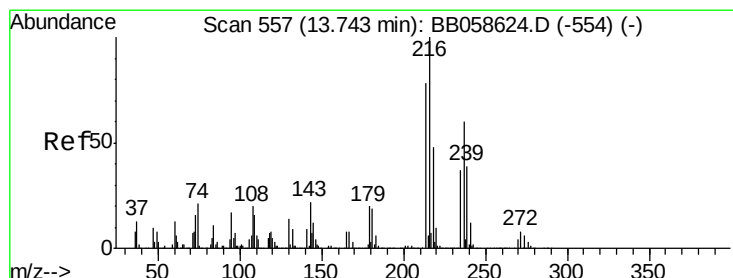
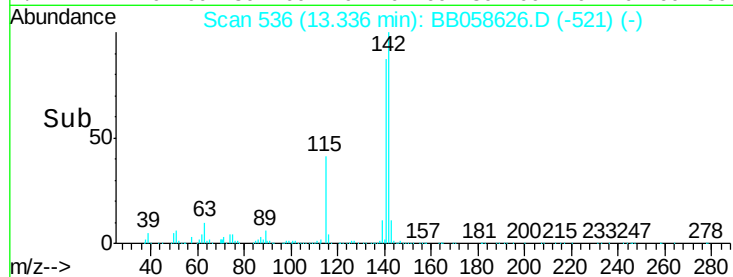
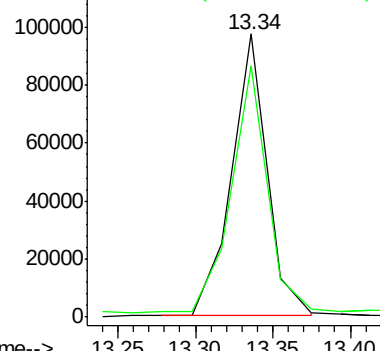
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.39 ng/ul

RT: 13.72 min Scan# 556

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Tgt Ion:216 Resp: 84453

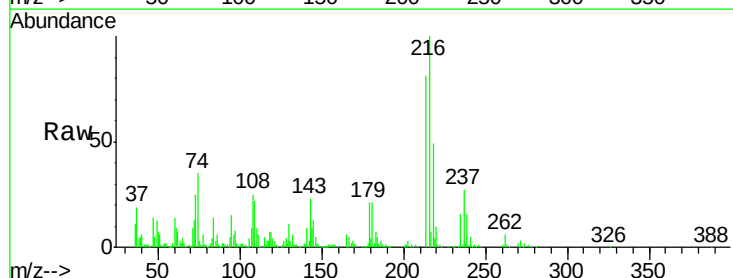
Ion Ratio Lower Upper

216 100

214 81.2 64.8 97.2

179 20.8 16.7 25.1

108 25.3 13.2 19.8#

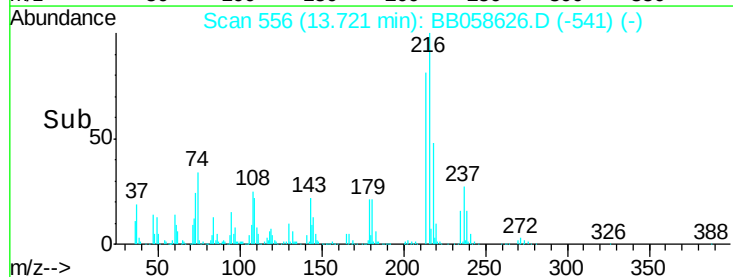
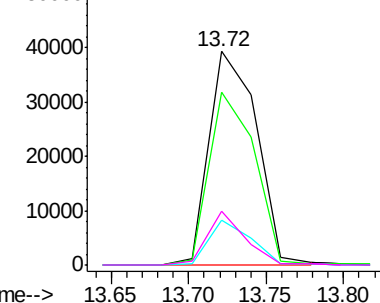


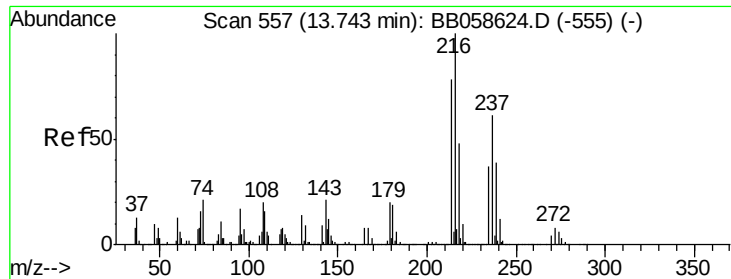
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





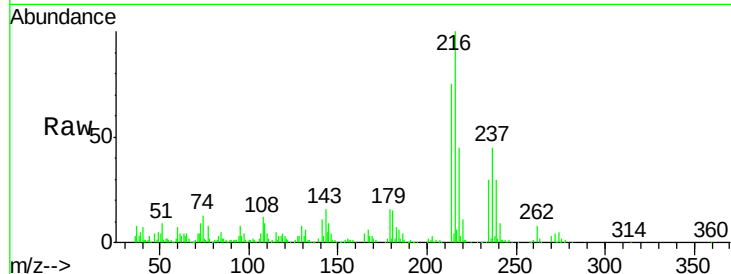
#37
Hexachlorocyclopentadiene
Concen: 1.34 ng/ul
RT: 13.74 min Scan# 557
Delta R.T. 0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

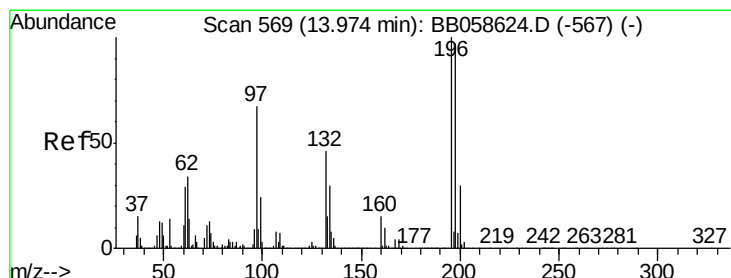
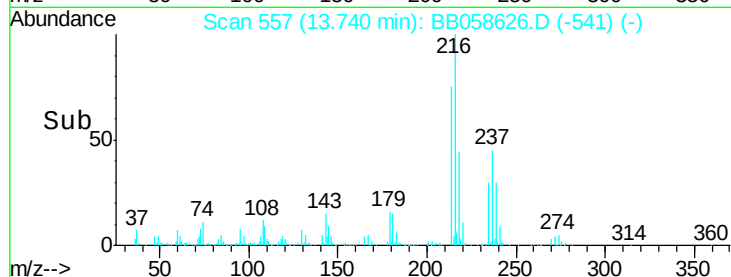
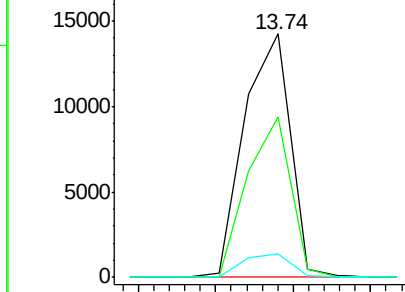
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	70.2	49.6	74.4
272	9.8	10.4	15.6

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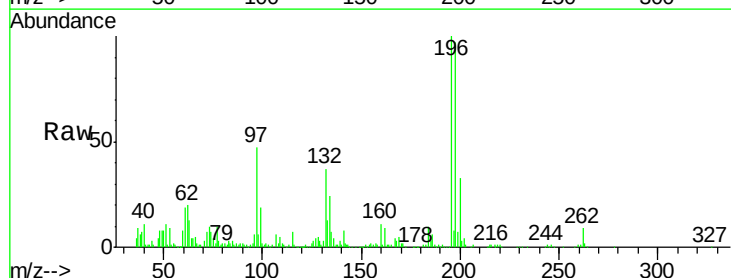


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

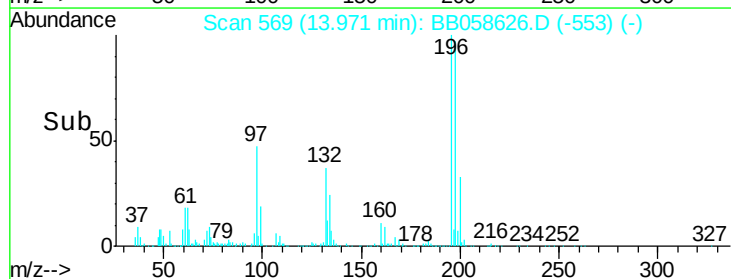
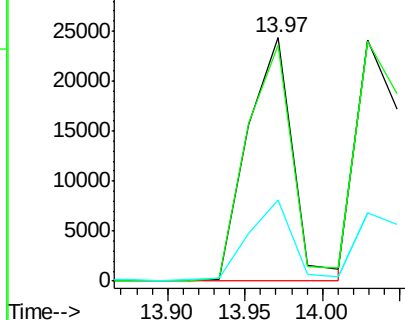


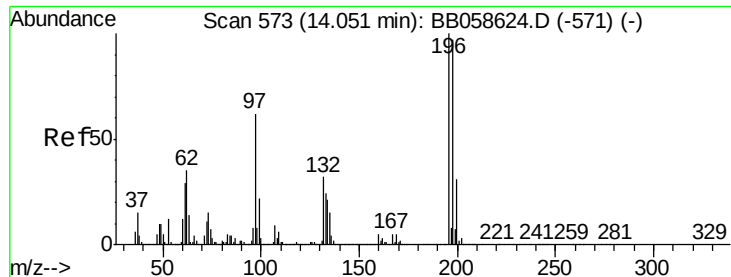
#38
2,4,6-Trichlorophenol
Concen: 2.31 ng/ul
RT: 13.97 min Scan# 569
Delta R.T. 0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.7	76.9	115.3
200	33.3	25.1	37.7



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





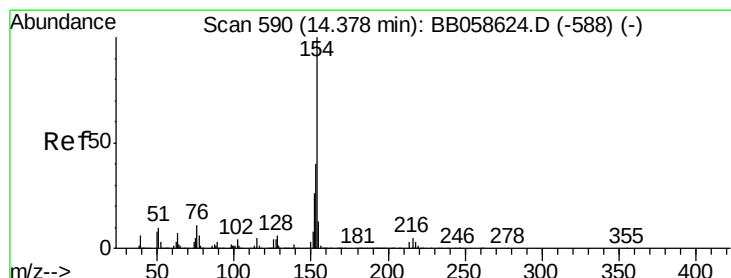
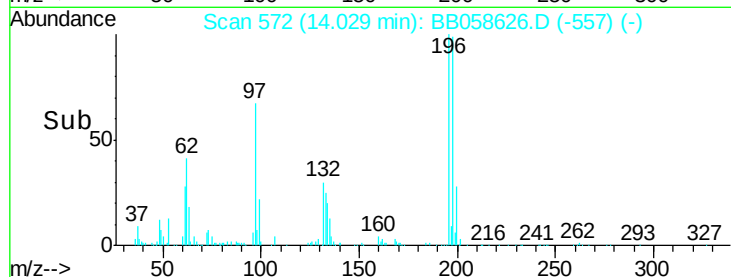
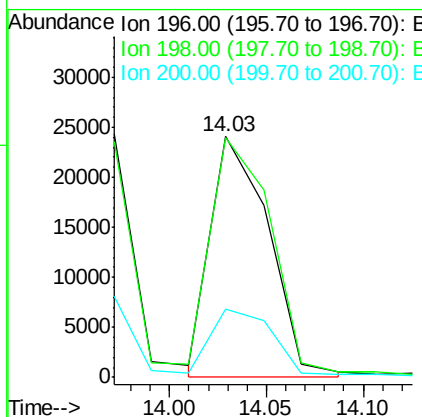
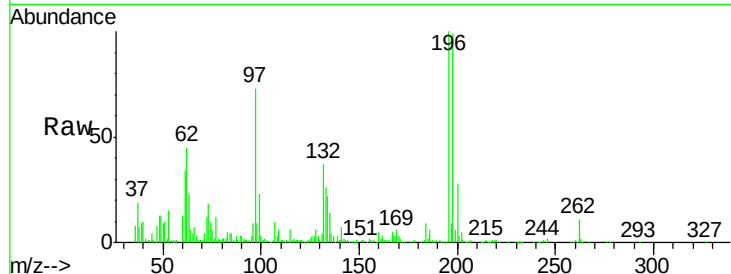
#39
 2,4,5-Trichlorophenol
 Concen: 2.17 ng/ul
 RT: 14.03 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	49407		
198	99.4	76.8	115.2	
200	28.4	27.0	40.4	

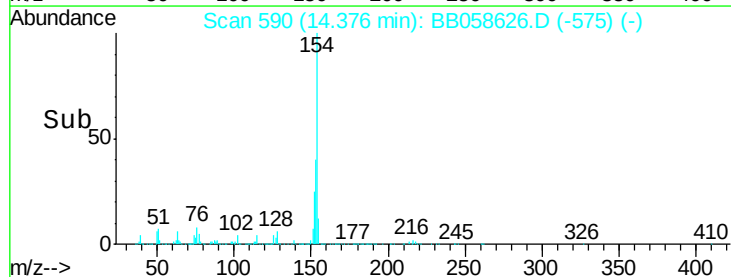
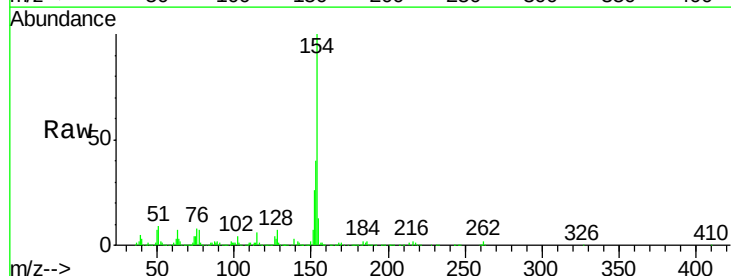
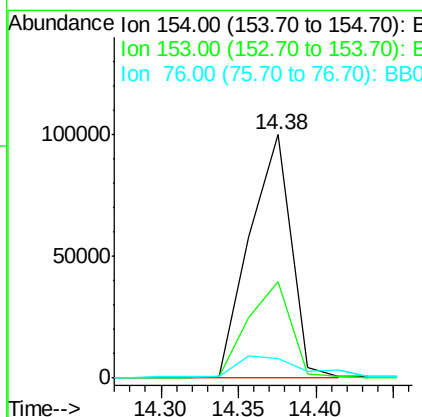
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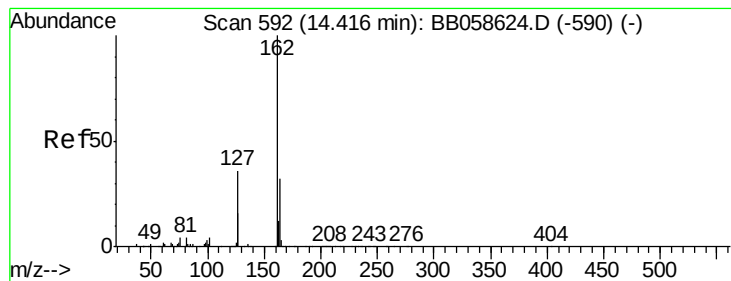
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#40
 1,1'-Biphenyl
 Concen: 2.44 ng/ul
 RT: 14.38 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	187951		
153	39.6	31.3	46.9	
76	8.0	10.0	15.0	





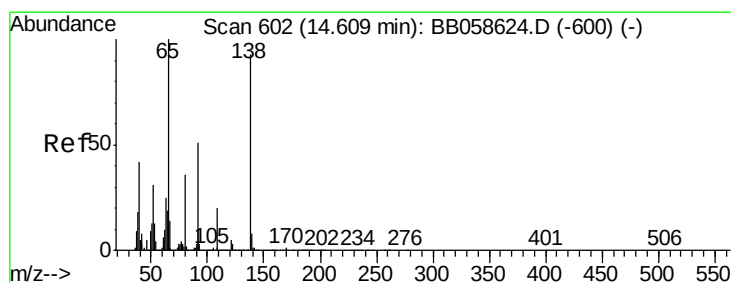
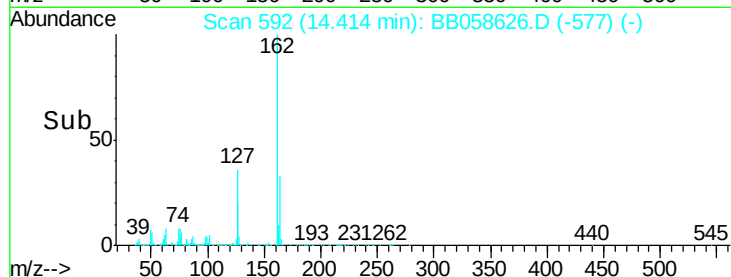
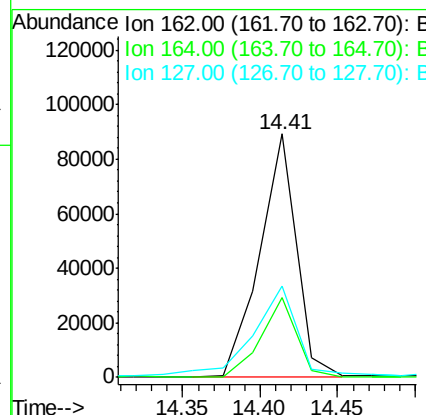
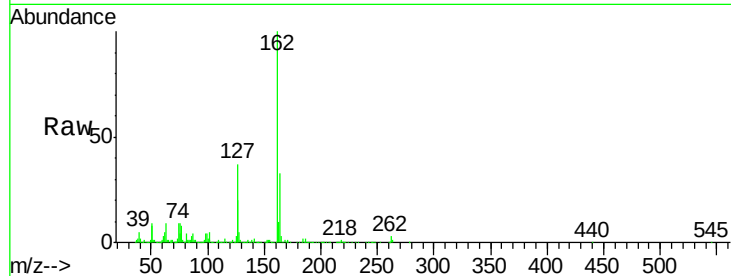
#41
 2-Chloronaphthalene
 Concen: 2.43 ng/ul
 RT: 14.41 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.7	26.9	40.3
127	37.3	31.2	46.8

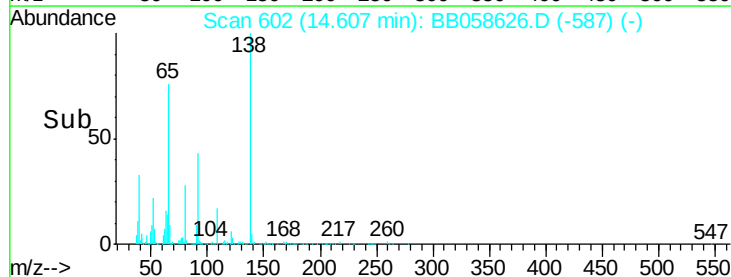
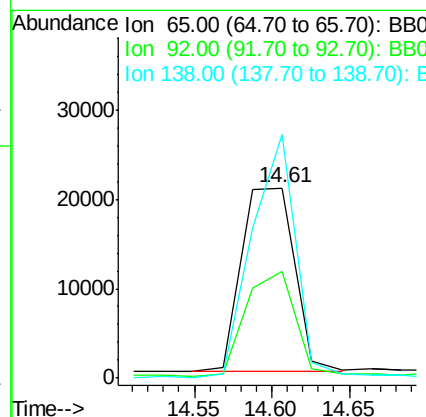
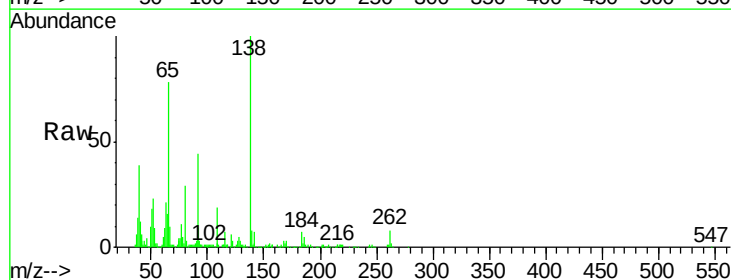
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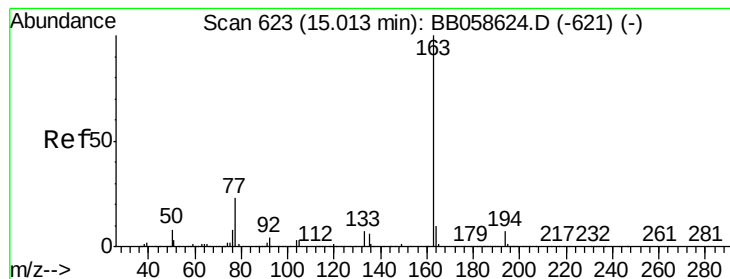
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#42
 2-Nitroaniline
 Concen: 2.11 ng/ul
 RT: 14.61 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.2	55.6	83.4
138	128.0	81.3	121.9





#44

Dimethylphthalate

Concen: 2.45 ng/ul

RT: 15.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

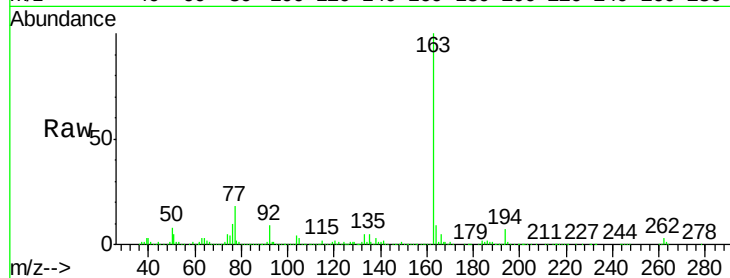
ClientSampled :

MDL-01-S

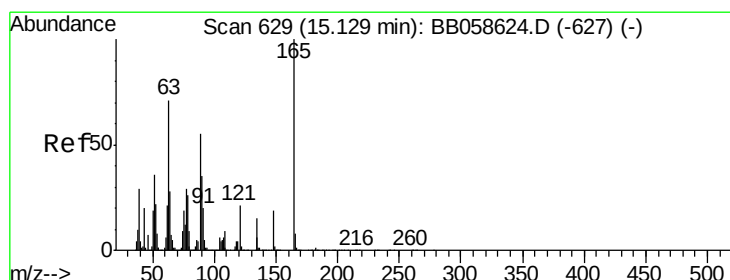
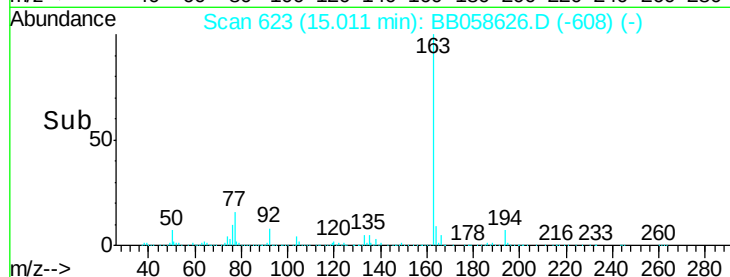
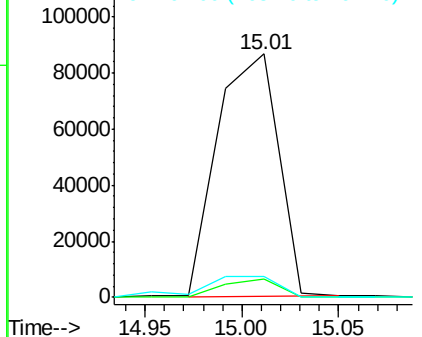
Tgt Ion:	163	Resp:	187316
Ion Ratio		Lower	Upper
163	100		
194	7.3	3.4	5.2#
164	8.8	7.8	11.8

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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: 2.25 ng/ul

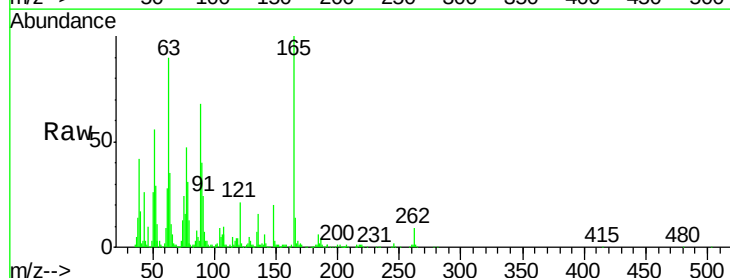
RT: 15.11 min Scan# 628

Delta R.T. -0.00 min

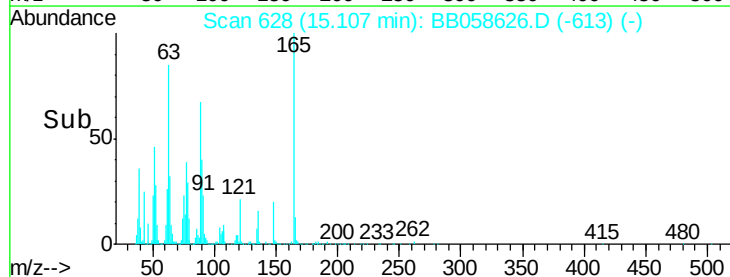
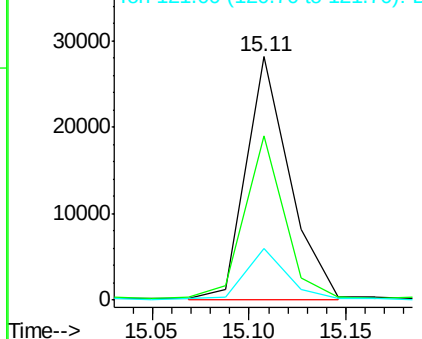
Lab File: BB058626.D

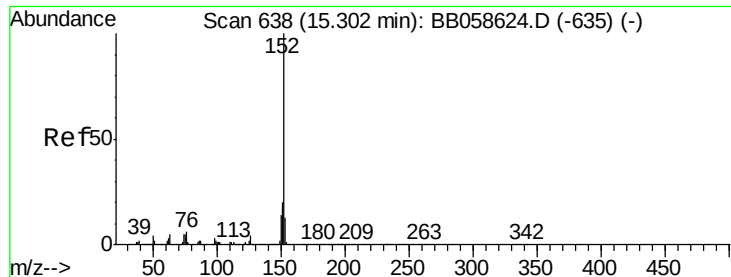
Acq: 13 Oct 2016 10:45

Tgt Ion:	165	Resp:	43427
Ion Ratio		Lower	Upper
165	100		
89	67.6	46.6	69.8
121	21.4	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: 2.62 ng/ul

RT: 15.28 min Scan# 637

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

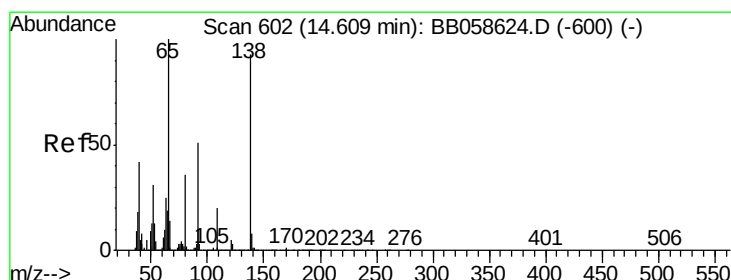
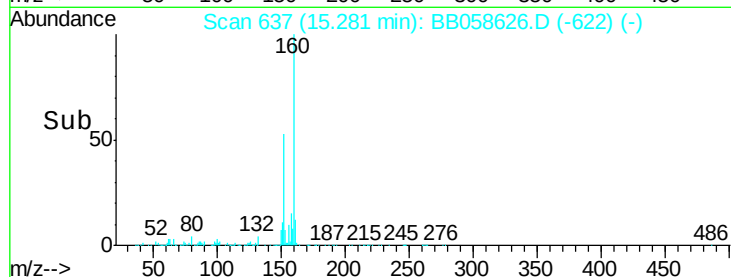
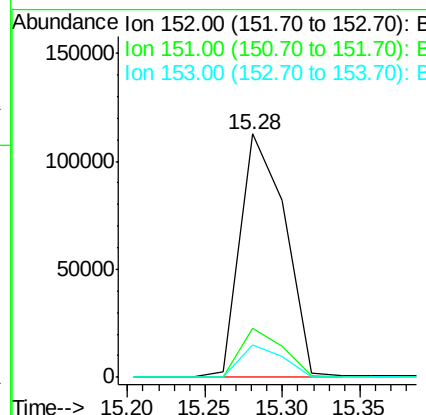
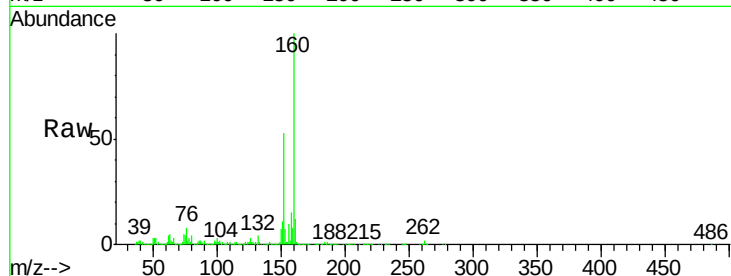
ClientSampleId :

MDL-01-S

Tgt Ion:	152	Resp:	229427
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.0	24.0
153	13.2	11.0	16.6

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#48

3-Nitroaniline

Concen: 2.12 ng/ul

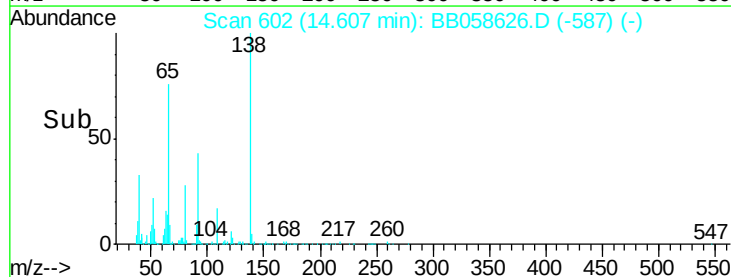
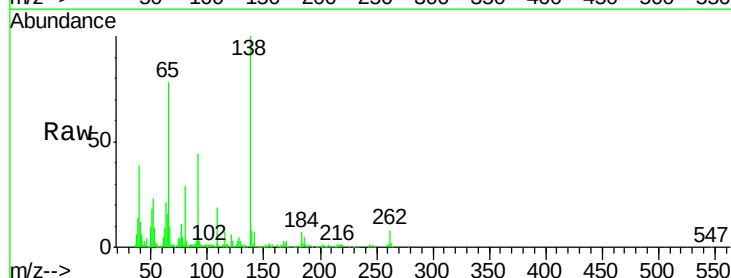
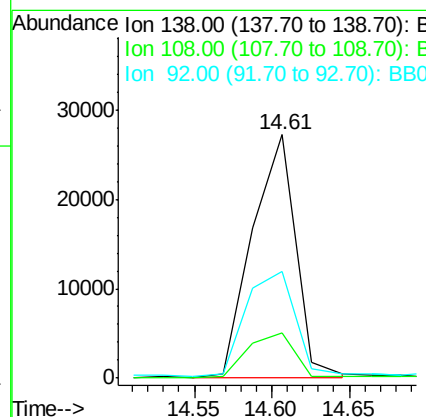
RT: 14.61 min Scan# 602

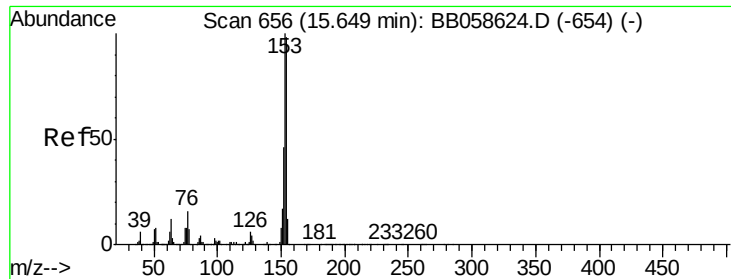
Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Tgt Ion:	138	Resp:	53519
Ion Ratio	Lower	Upper	
138	100		
108	18.7	9.4	14.0#
92	43.9	96.6	145.0#





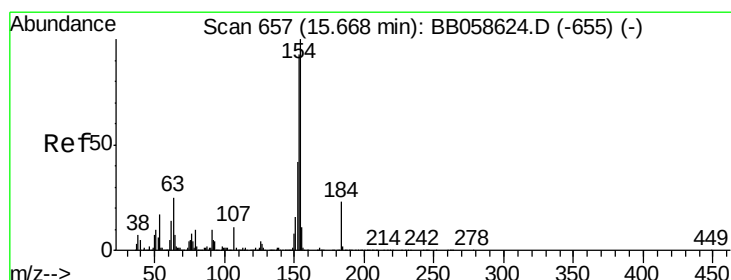
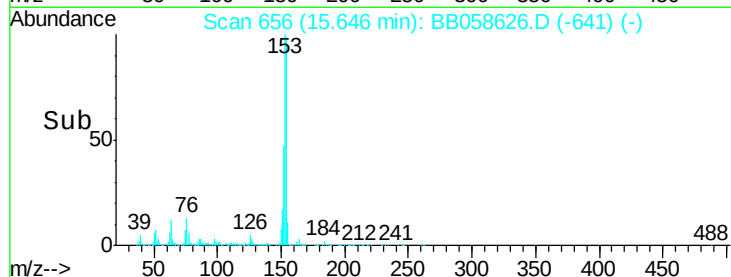
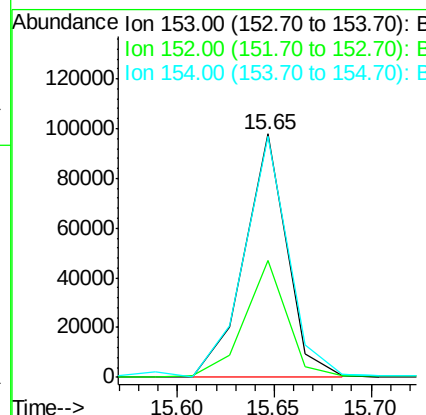
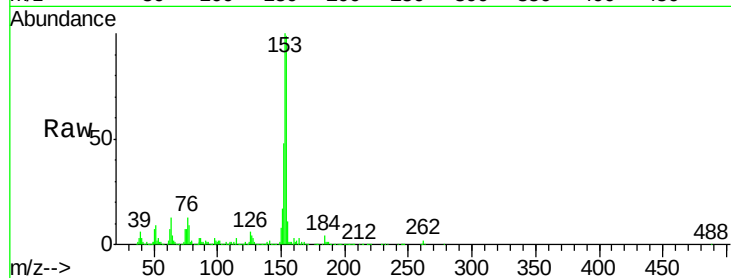
#49
Acenaphthene
Concen: 2.45 ng/ul
RT: 15.65 min Scan# 656
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	147226		
152	47.9		37.8	56.6
154	98.9		71.4	107.0

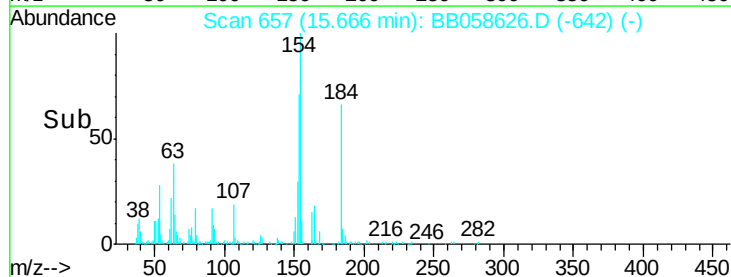
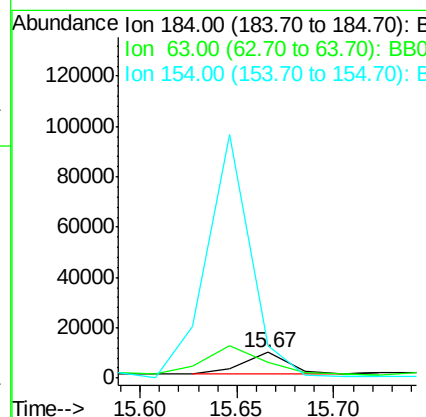
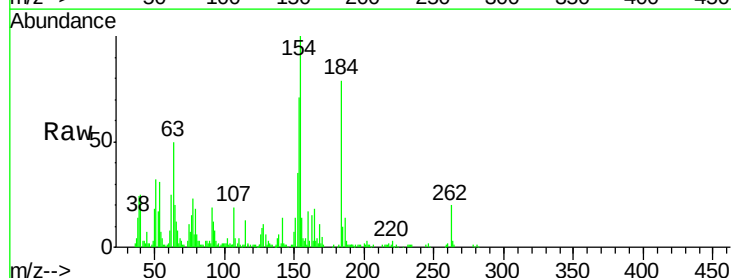
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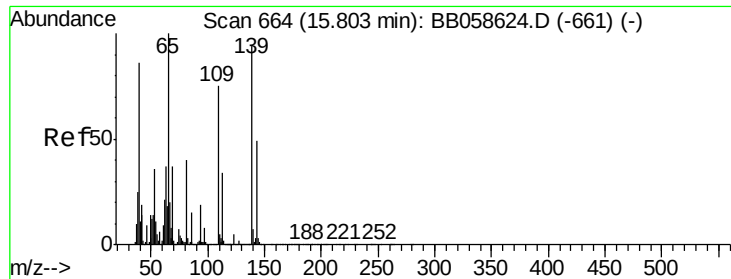
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#50
2,4-Dinitrophenol
Concen: 1.02 ng/ul
RT: 15.67 min Scan# 657
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	14051		
63	63.2		43.4	65.0
154	127.3		48.2	72.4#





#52

4-Nitrophenol

Concen: 2.07 ng/ul

RT: 15.78 min Scan# 663

Delta R.T. -0.02 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

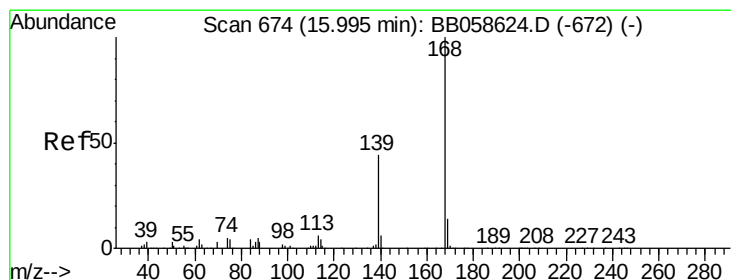
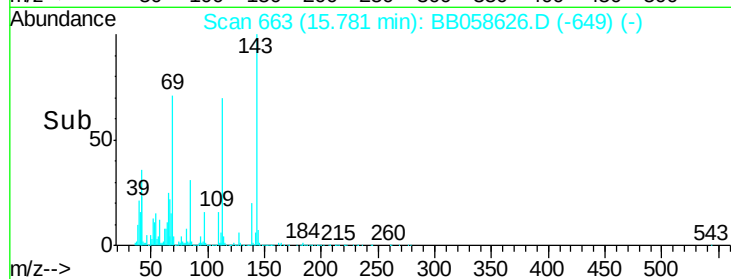
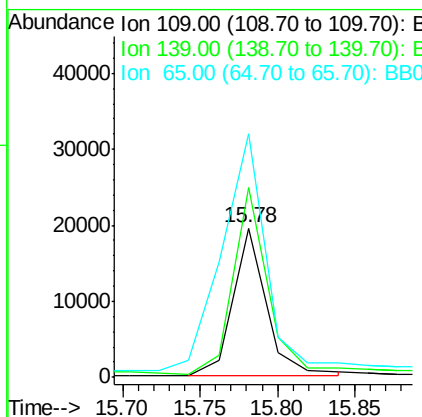
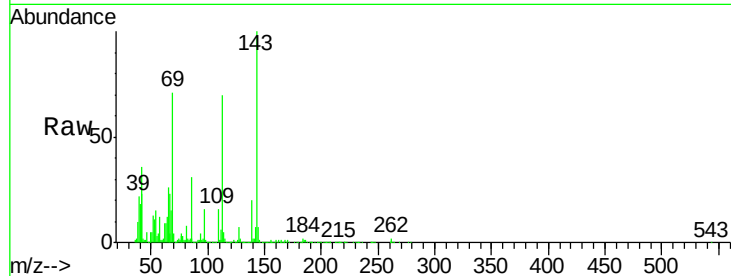
ClientSampleId :

MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	29584		
139	127.3	88.7	133.1	
65	163.1	96.4	144.6	

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#53

Dibenzofuran

Concen: 2.49 ng/ul

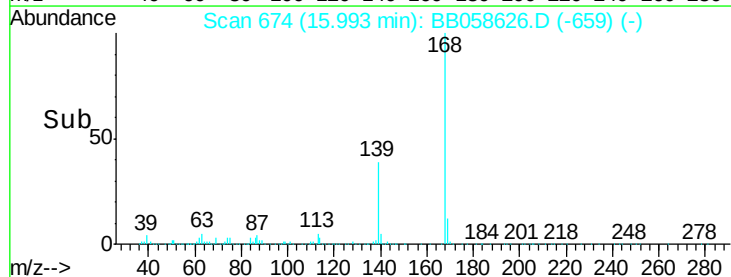
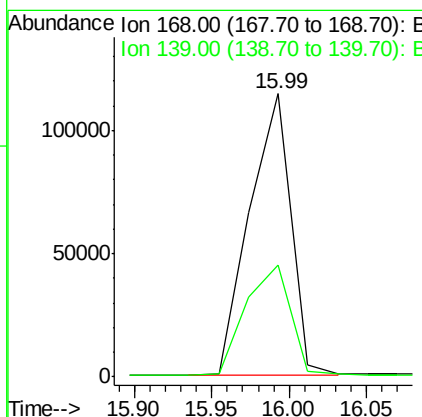
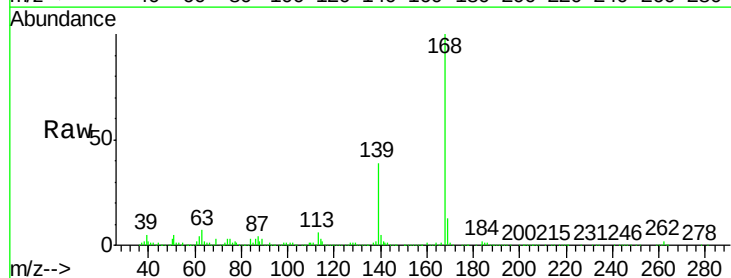
RT: 15.99 min Scan# 674

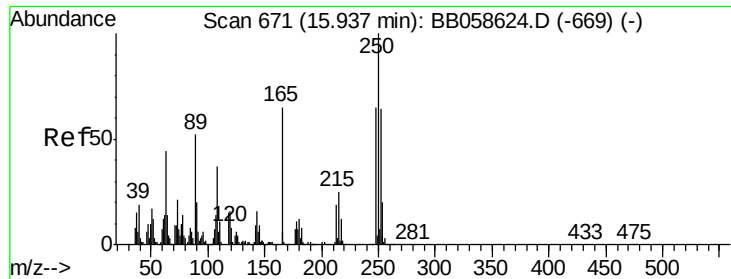
Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	213561		
139	39.4	30.1	45.1	





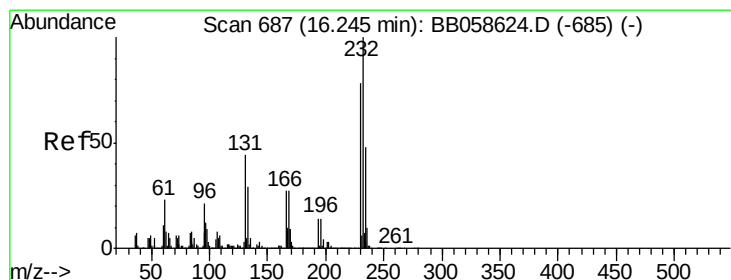
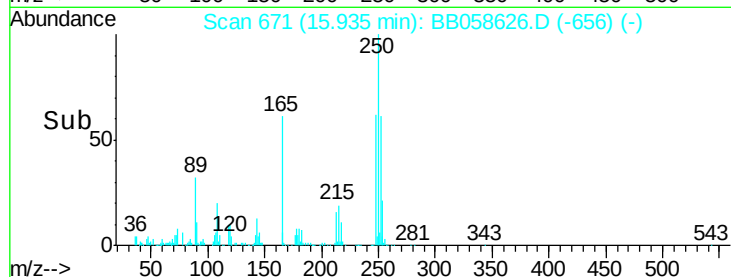
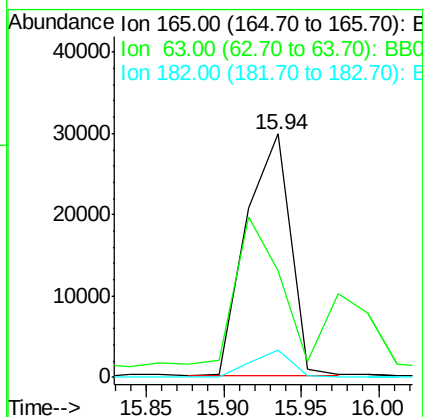
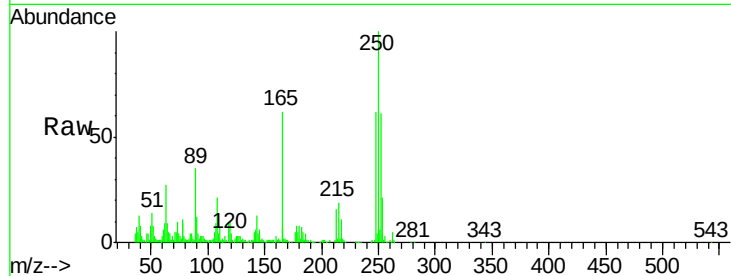
#54
 2,4-Dinitrotoluene
 Concen: 2.21 ng/ul
 RT: 15.94 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.8	36.2	54.2
182	11.3	2.2	3.4#

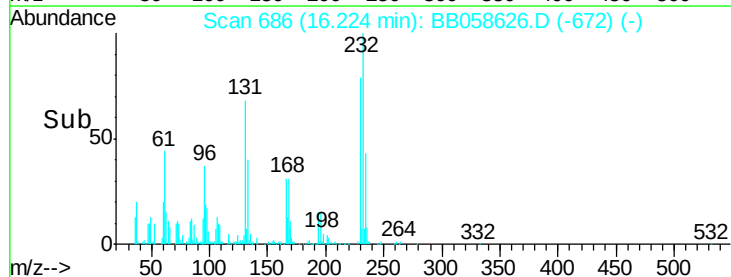
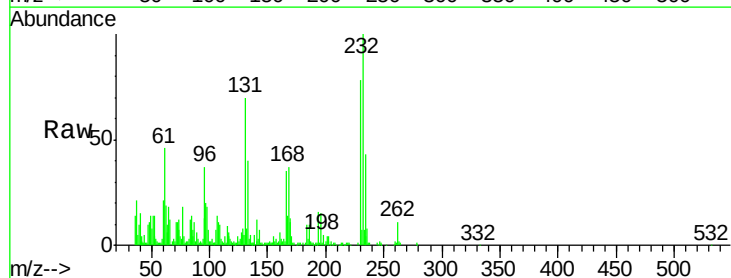
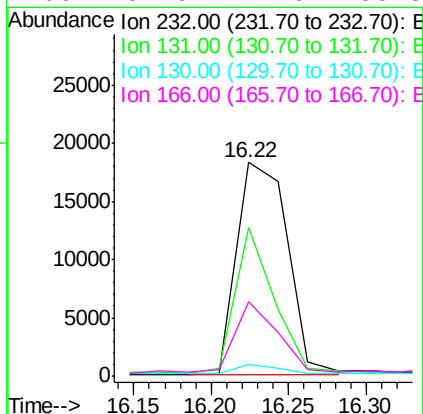
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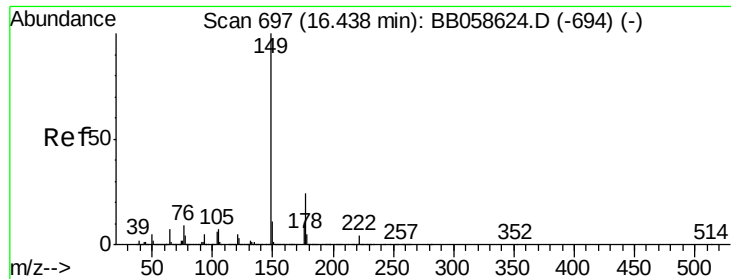
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#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.13 ng/ul
 RT: 16.22 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	69.8	31.4	47.0#
130	5.4	1.6	2.4#
166	34.9	22.6	33.8#





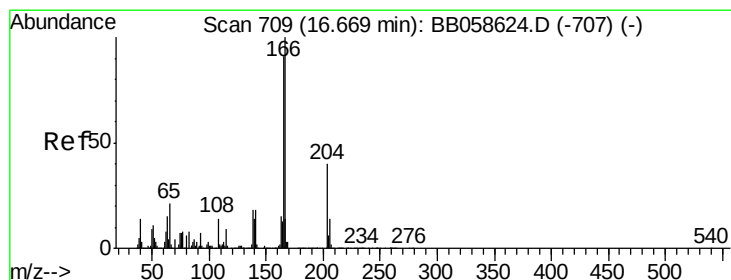
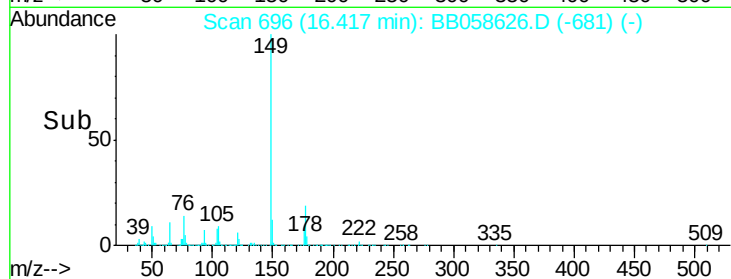
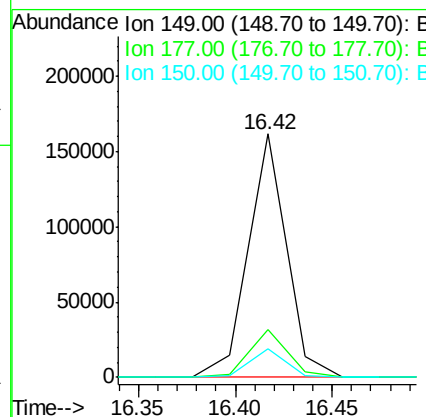
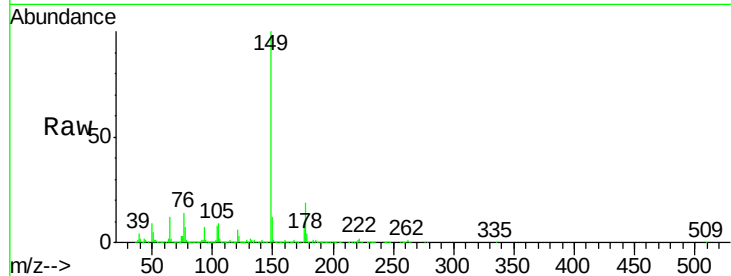
#56
Diethylphthalate
Concen: 2.76 ng/ul
RT: 16.42 min Scan# 696
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	219413		
177	19.5	18.6	28.0	
150	11.8	10.0	15.0	

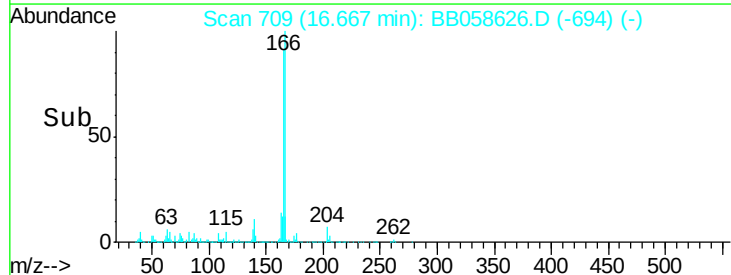
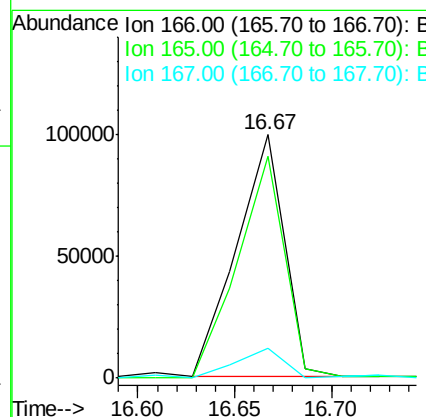
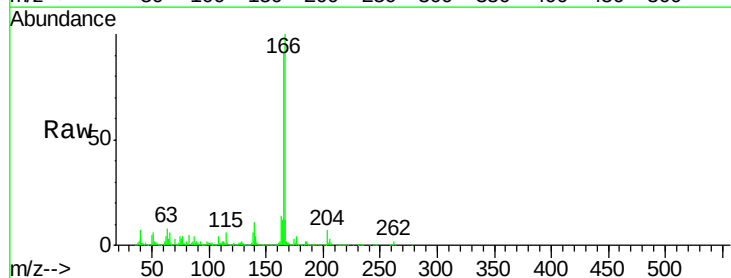
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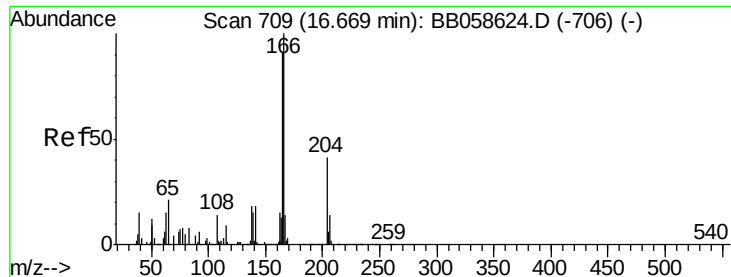
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#58
Fluorene
Concen: 2.42 ng/ul
RT: 16.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	168394		
165	91.2	79.9	119.9	
167	12.2	10.5	15.7	





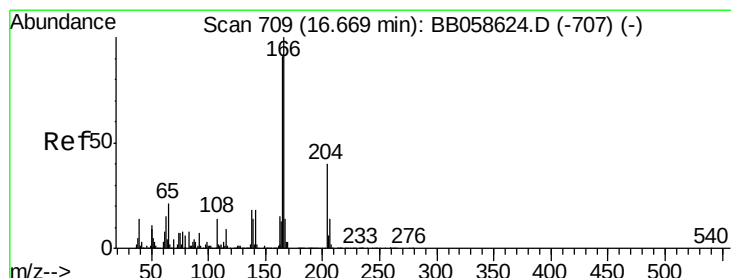
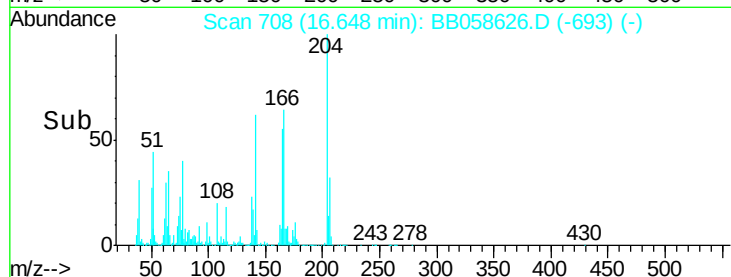
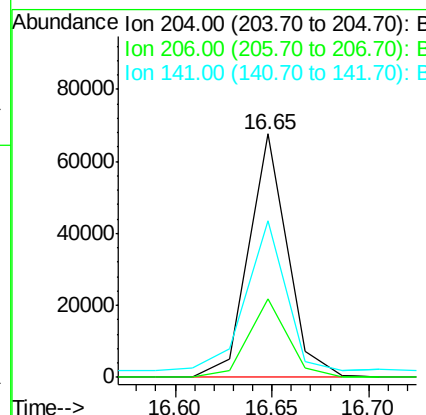
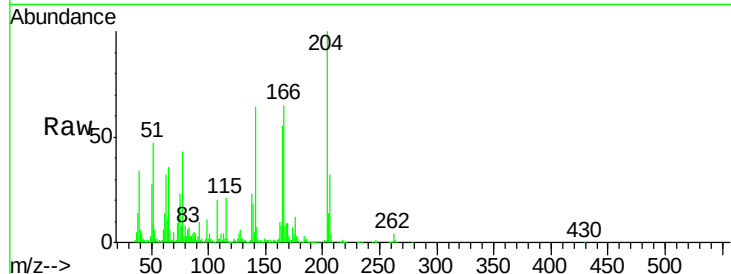
#59
 4-Chlorophenyl-phenylether
 Concen: 2.47 ng/ul
 RT: 16.65 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Instrument :
 BNA_B
 ClientSampleId :
 MDL-01-S

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.9	38.9
141	64.3	46.1	69.1

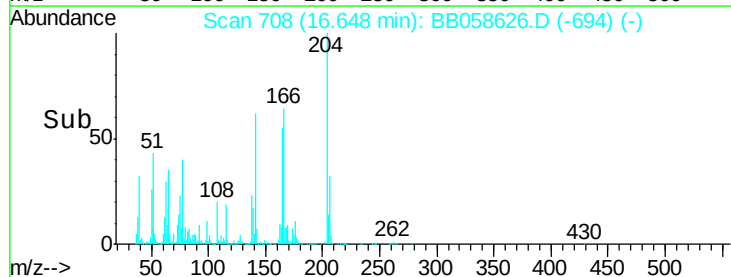
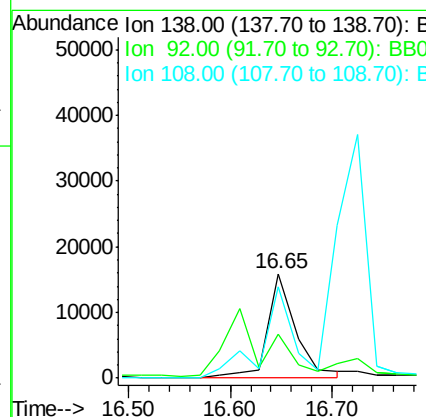
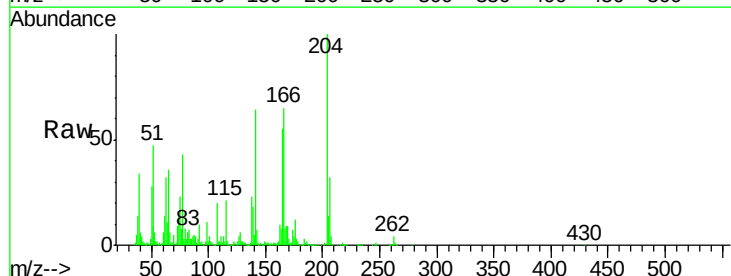
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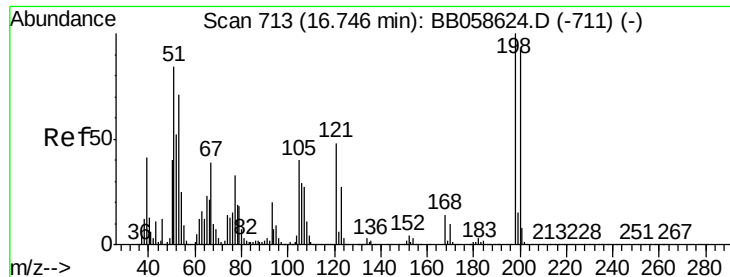
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#60
 4-Nitroaniline
 Concen: 1.53 ng/ul m
 RT: 16.65 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BB058626.D
 Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.5	43.5	65.3#
108	87.1	80.3	120.5





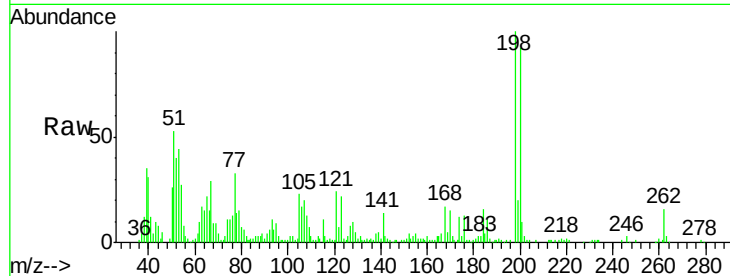
#63
4,6-Dinitro-2-methylphenol
Concen: 1.91 ng/ul
RT: 16.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampled :
MDL-01-S

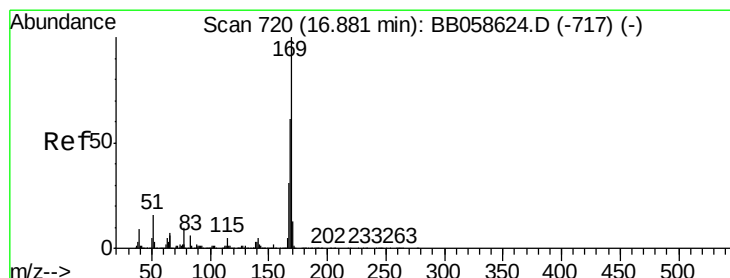
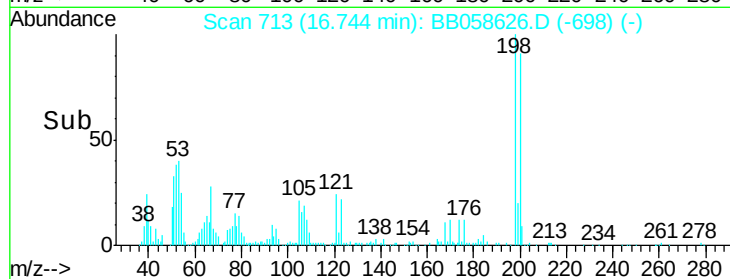
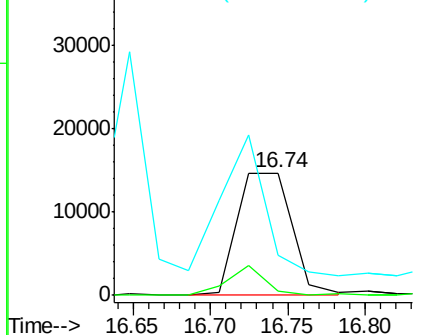
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	36214		
182	3.4	3.3	4.9	
77	32.6	21.8	32.6	

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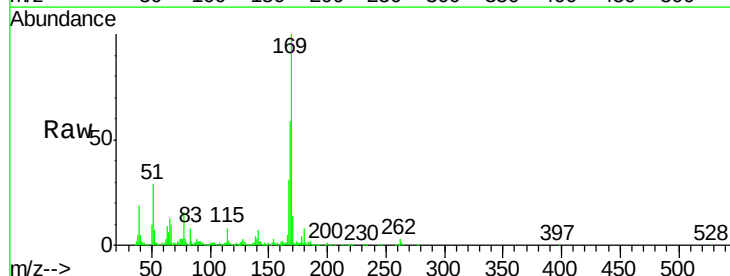


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BB0

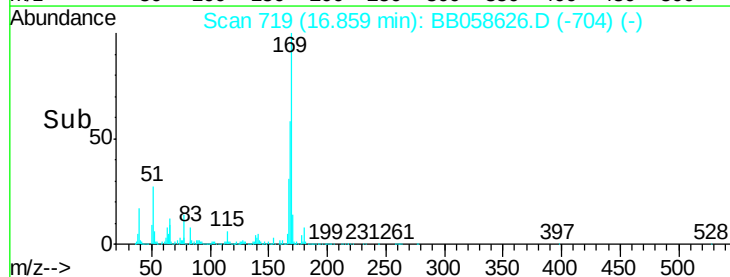
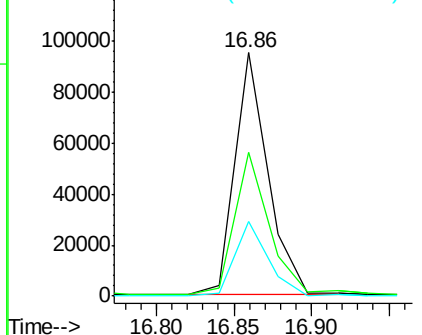


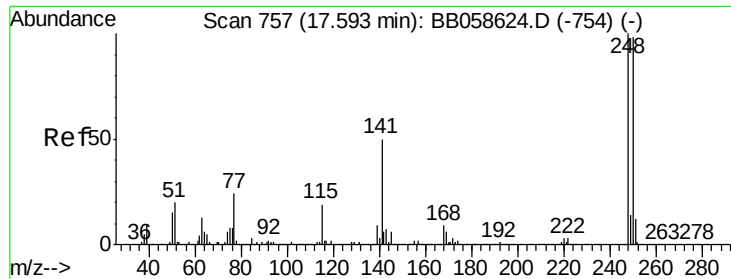
#64
N-Nitrosodiphenylamine
Concen: 2.49 ng/ul
RT: 16.86 min Scan# 719
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	143276		
168	59.0	52.6	79.0	
167	30.7	28.6	43.0	



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





#65

4-Bromophenyl-phenylether

Concen: 2.43 ng/ul

RT: 17.57 min Scan# 756

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

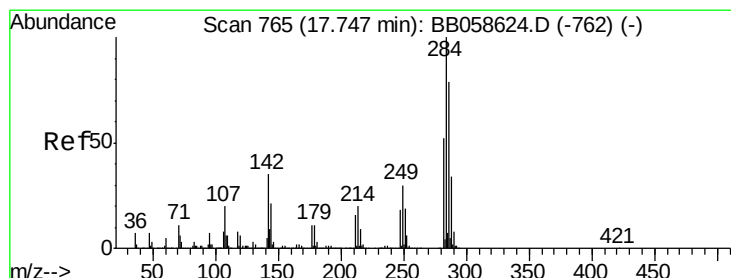
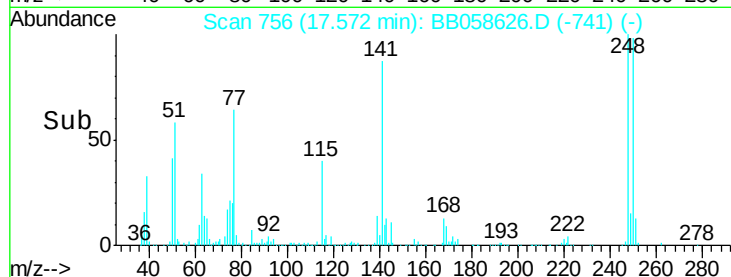
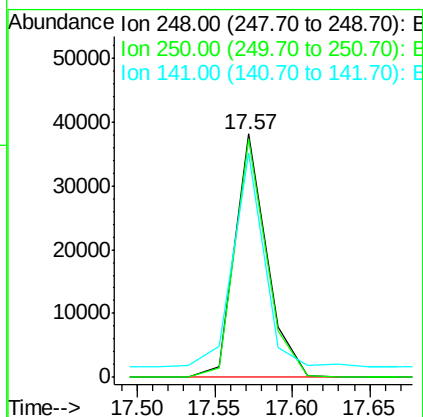
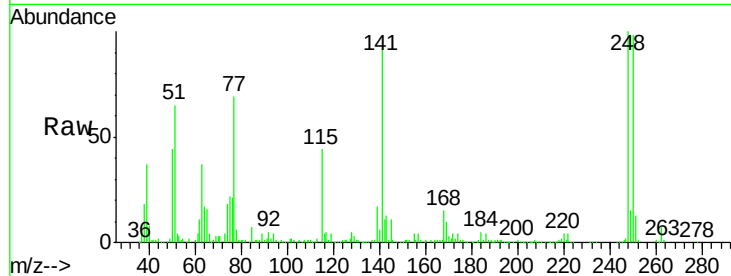
ClientSampled :

MDL-01-S

Tgt Ion:	248	Resp:	55589
Ion Ratio	Lower	Upper	
248	100		
250	97.8	79.7	119.5
141	92.1	58.3	87.5#

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#66

Hexachlorobenzene

Concen: 2.26 ng/ul

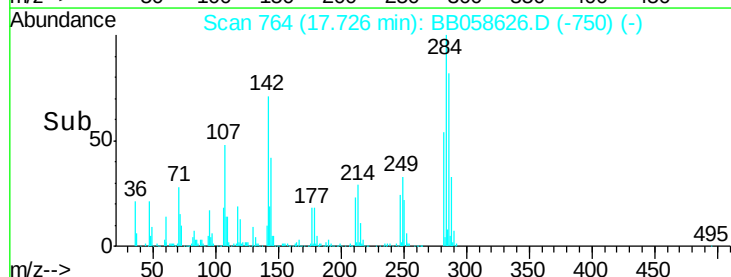
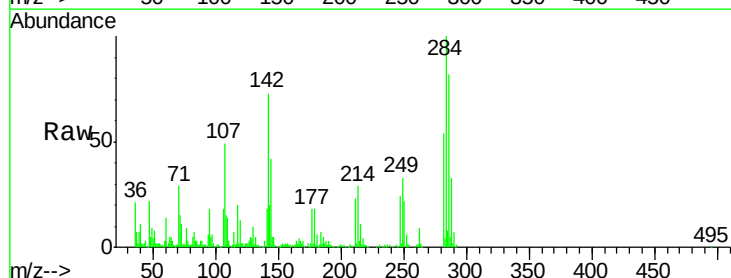
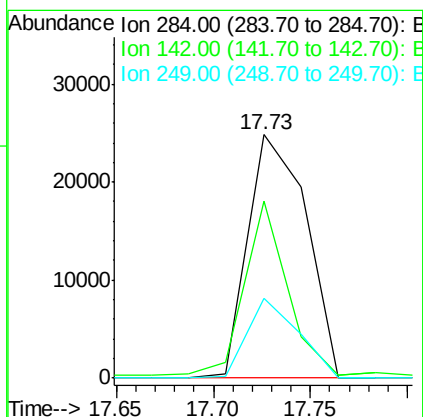
RT: 17.73 min Scan# 764

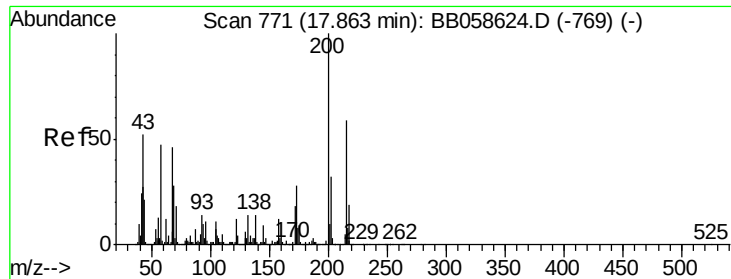
Delta R.T. -0.02 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Tgt Ion:	284	Resp:	51766
Ion Ratio	Lower	Upper	
284	100		
142	67.7	24.9	37.3#
249	32.8	25.5	38.3





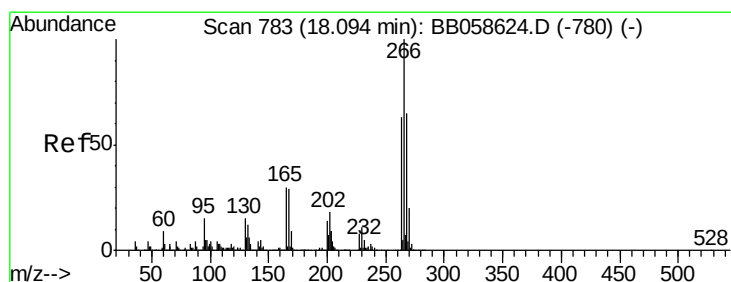
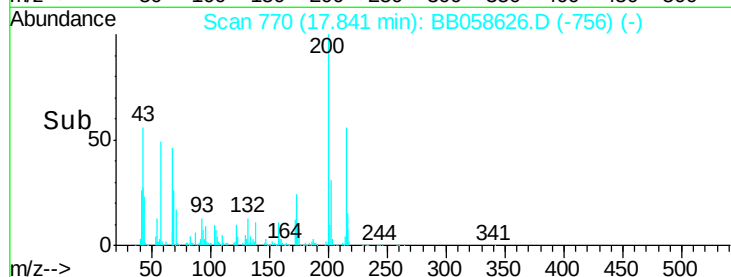
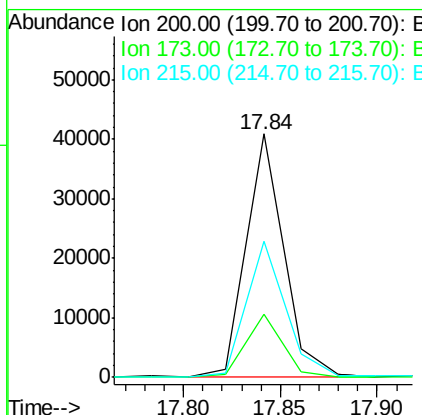
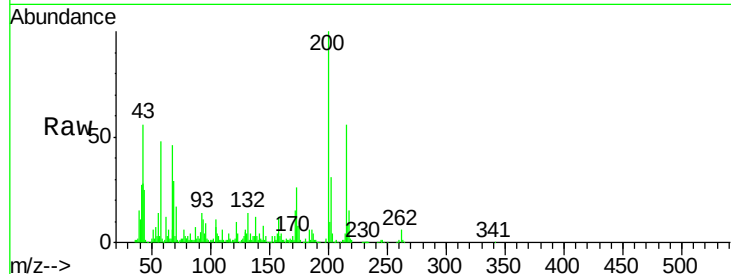
#67
Atrazine
Concen: 2.46 ng/ul
RT: 17.84 min Scan# 770
Delta R.T. -0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	18.9	28.3
215	56.1	39.5	59.3

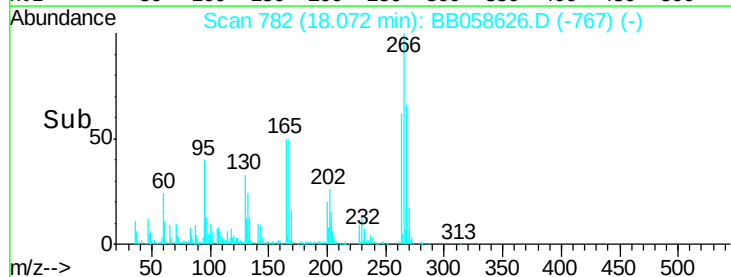
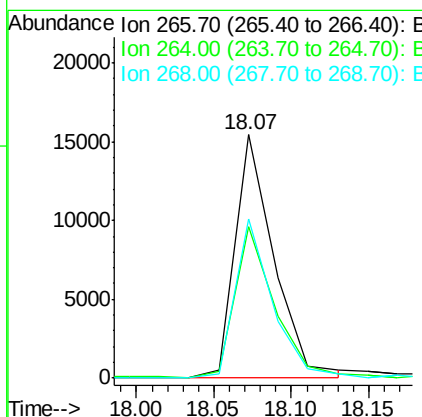
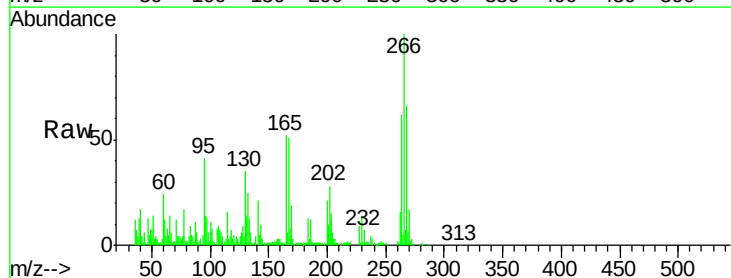
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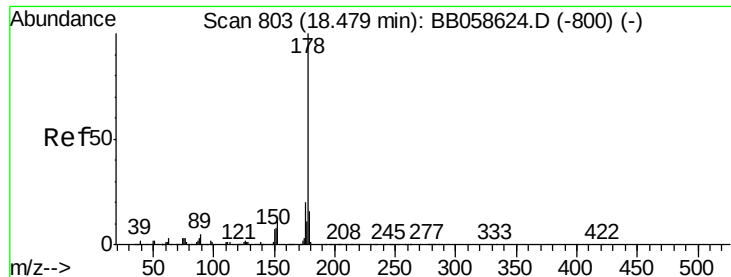
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#68
Pentachlorophenol
Concen: 1.68 ng/ul
RT: 18.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	62.3	50.6	75.8
268	65.5	51.0	76.6





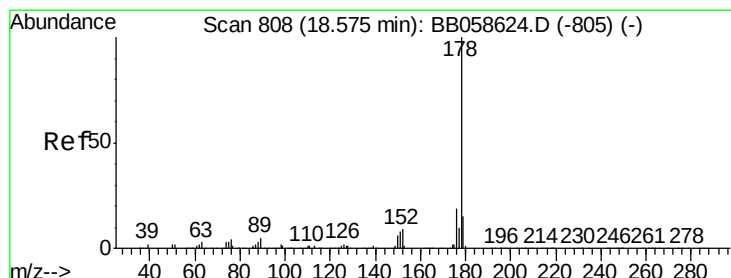
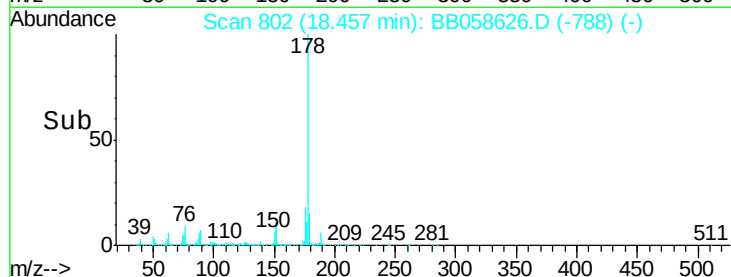
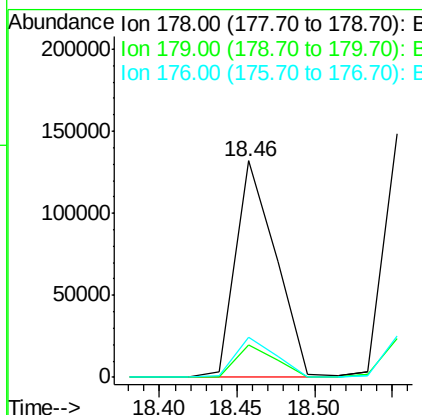
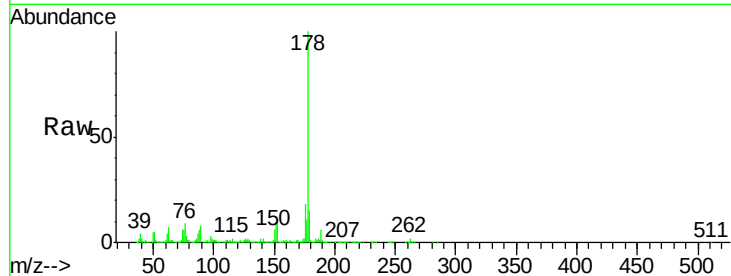
#69
Phenanthrene
Concen: 2.67 ng/ul
RT: 18.46 min Scan# 802
Delta R.T. -0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

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

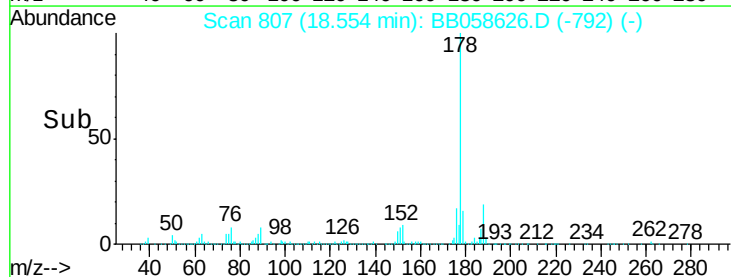
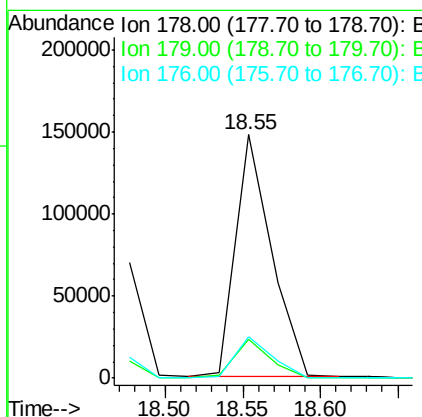
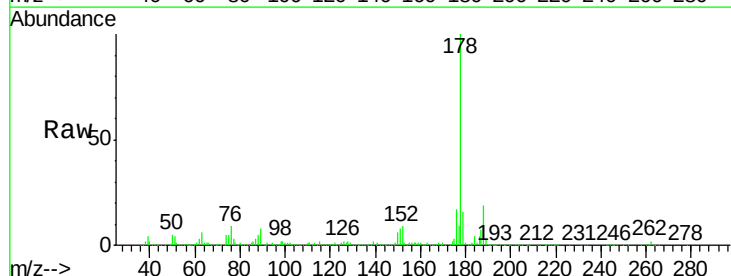
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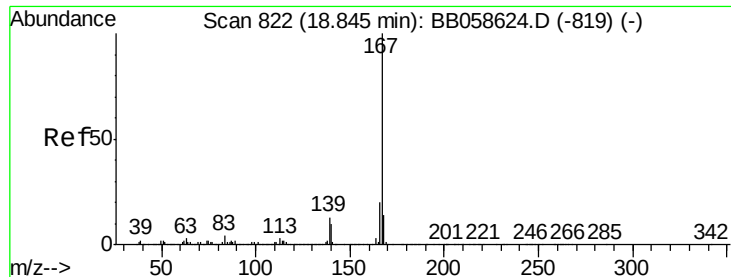
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#71
Anthracene
Concen: 2.65 ng/ul
RT: 18.55 min Scan# 807
Delta R.T. -0.00 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	17.2	14.5	21.7





#72

Carbazole

Concen: 2.72 ng/ul

RT: 18.82 min Scan# 821

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

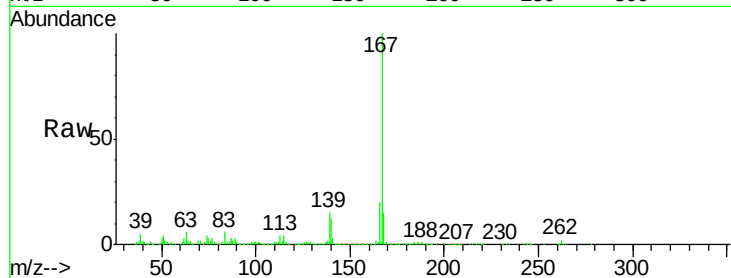
ClientSampleId :

MDL-01-S

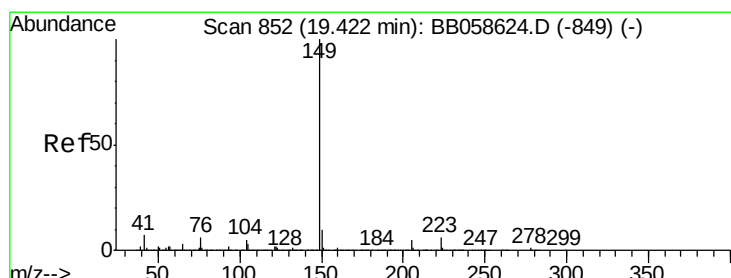
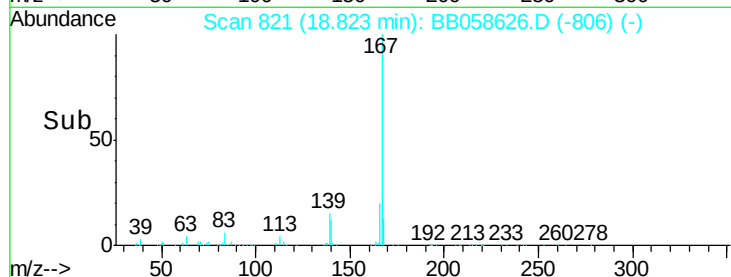
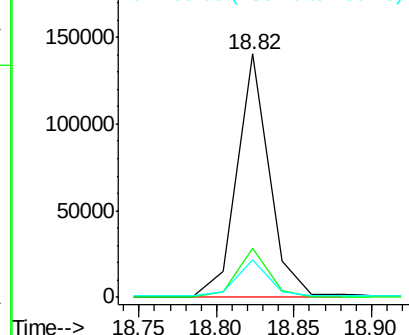
Tgt	Ion	Ratio	Resp	Lower	Upper
167	100		206117		
166	20.1		16.6	25.0	
139	15.5		10.2	15.4	

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.72 ng/ul

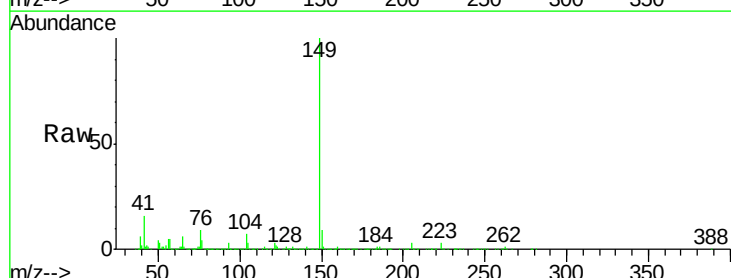
RT: 19.40 min Scan# 851

Delta R.T. -0.02 min

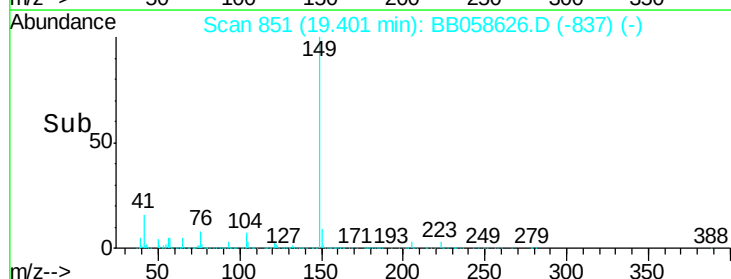
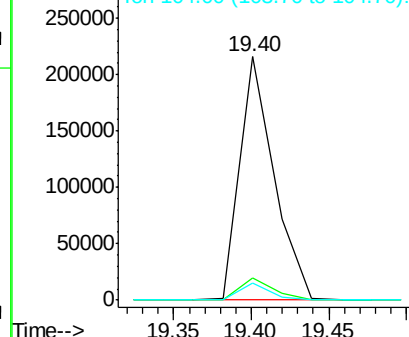
Lab File: BB058626.D

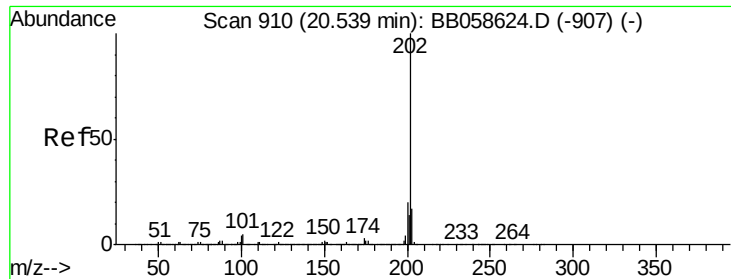
Acq: 13 Oct 2016 10:45

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		337314		
150	8.9		7.6	11.4	
104	7.2		4.6	7.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.94 ng/ul

RT: 20.52 min Scan# 909

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

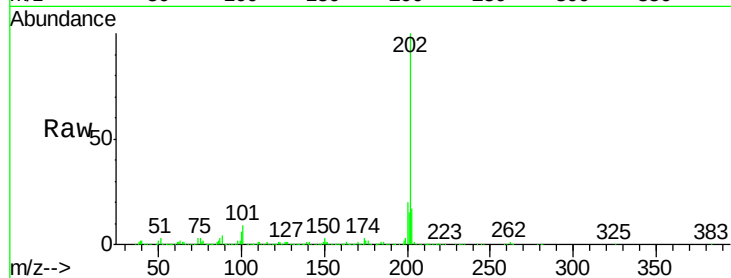
ClientSampleId :

MDL-01-S

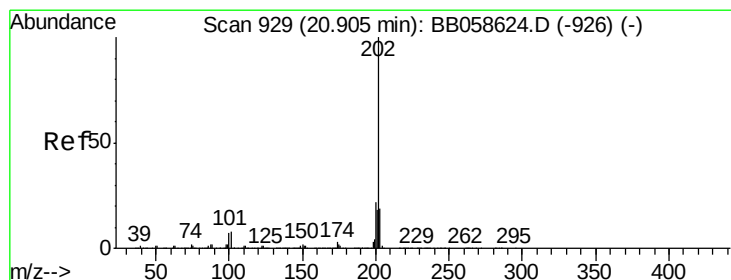
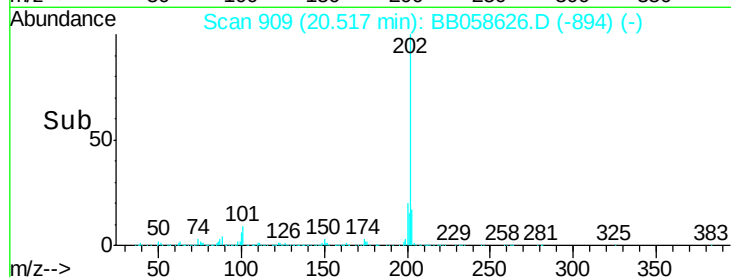
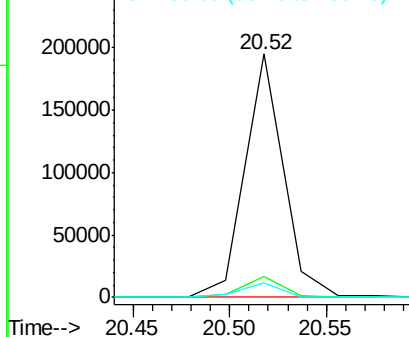
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		266445		
101	8.7	6.9	10.3		
100	6.2	5.4	8.0		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE



#77

Pyrene

Concen: 2.69 ng/ul

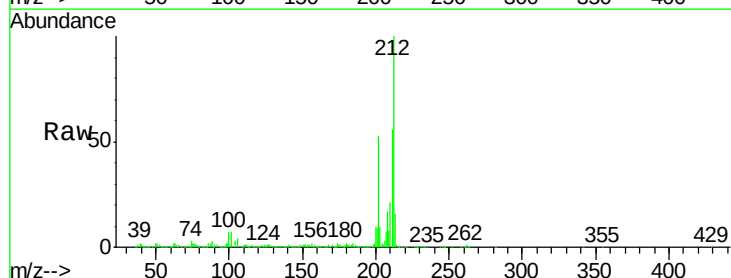
RT: 20.88 min Scan# 928

Delta R.T. -0.02 min

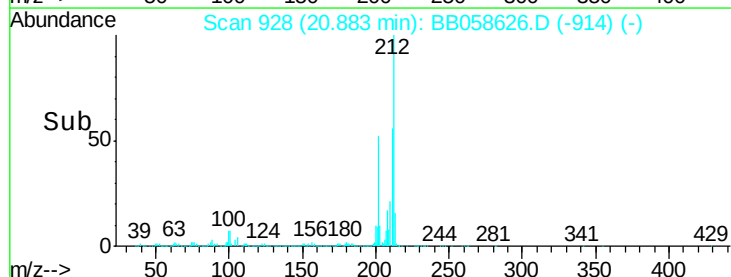
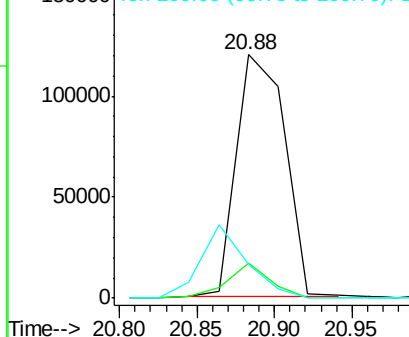
Lab File: BB058626.D

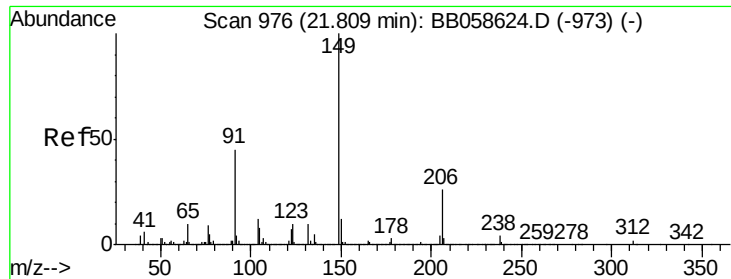
Acq: 13 Oct 2016 10:45

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		264932		
101	14.2	8.4	12.6#		
100	13.9	6.9	10.3#		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE





#78

Butylbenzylphthalate

Concen: 2.35 ng/ul

RT: 21.79 min Scan# 975

Delta R.T. -0.02 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

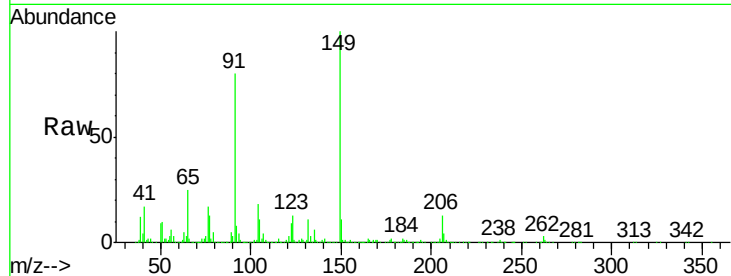
ClientSampleId :

MDL-01-S

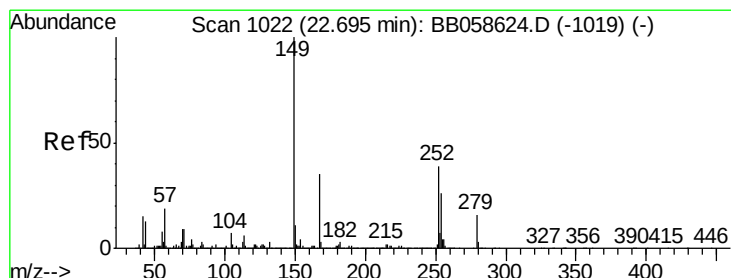
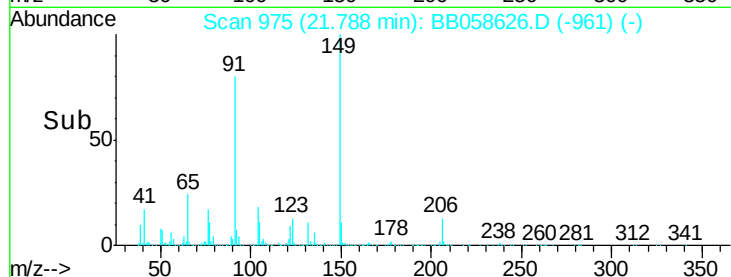
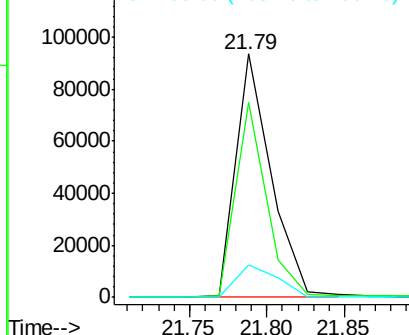
Tgt Ion:	149	Resp:	149991
Ion Ratio	Lower	Upper	
149	100		
91	80.0	57.3	85.9
206	13.2	18.6	27.8#

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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: 1.37 ng/ul

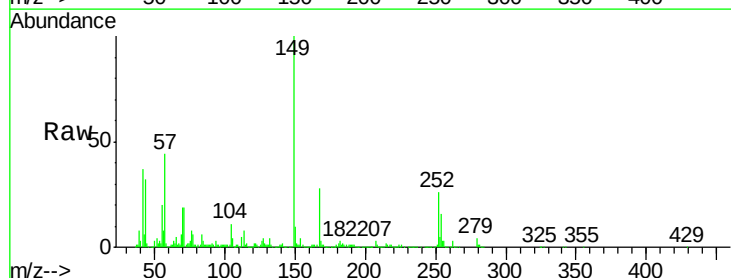
RT: 22.67 min Scan# 1021

Delta R.T. -0.02 min

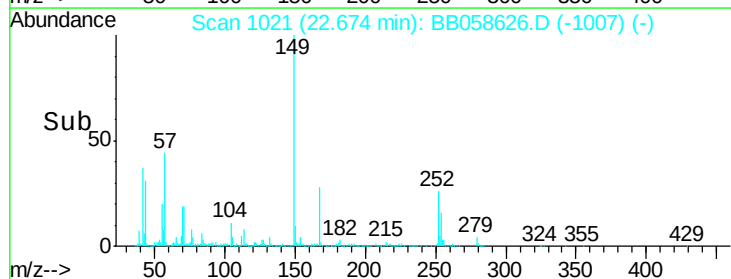
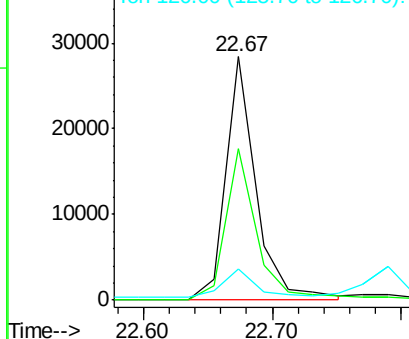
Lab File: BB058626.D

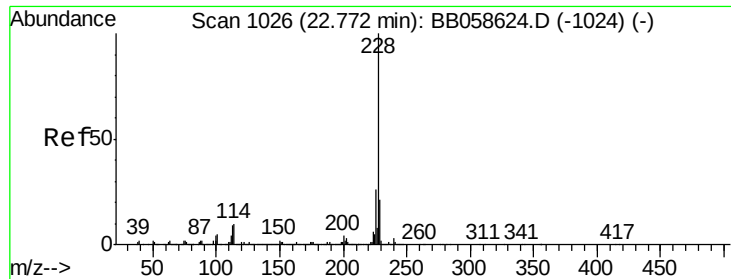
Acq: 13 Oct 2016 10:45

Tgt Ion:	252	Resp:	45731
Ion Ratio	Lower	Upper	
252	100		
254	62.3	51.0	76.4
126	12.9	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: 2.62 ng/ul

RT: 22.77 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Instrument :

BNA_B

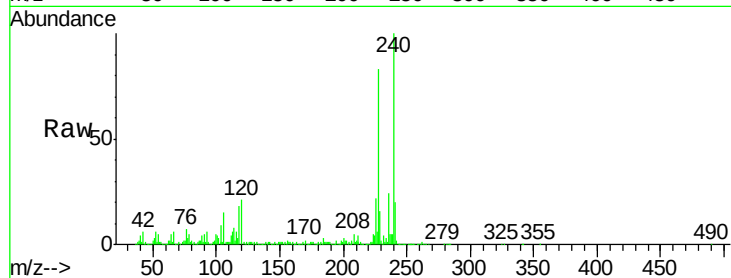
ClientSampleId :

MDL-01-S

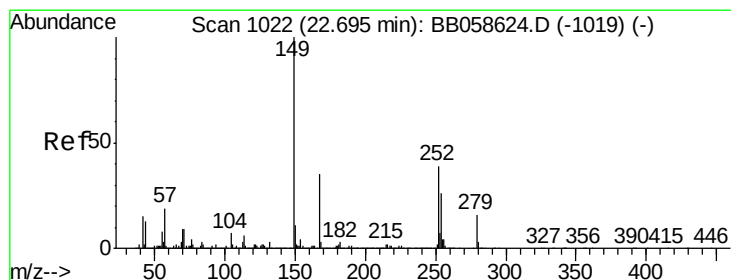
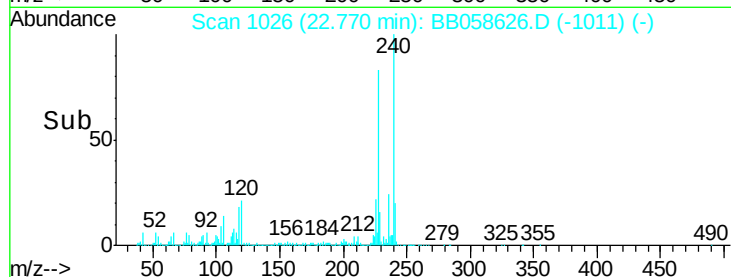
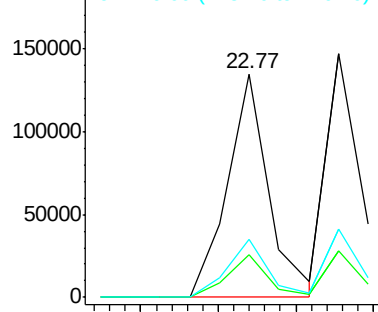
Tgt Ion:	228	Resp:	251751
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.6	23.4
226	26.2	21.8	32.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.32 ng/ul

RT: 22.67 min Scan# 1021

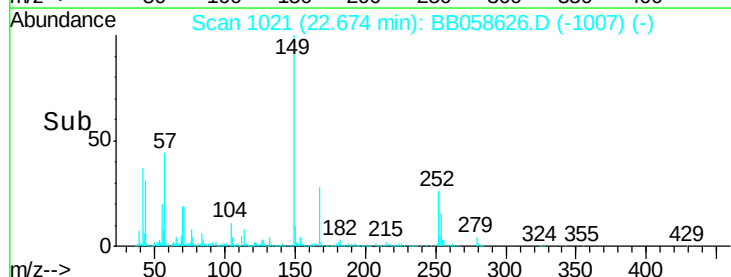
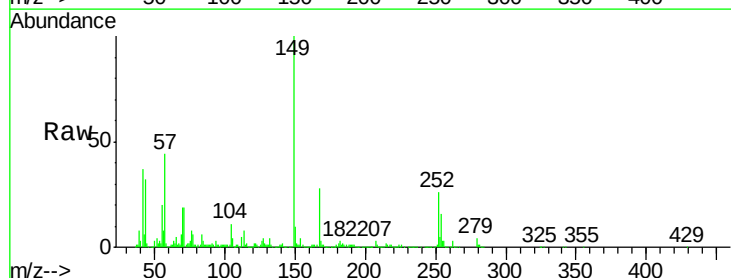
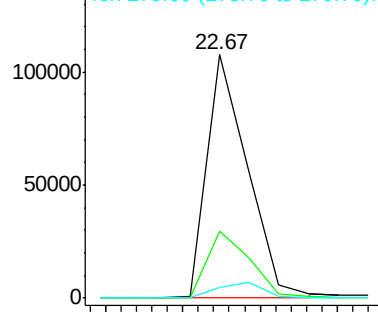
Delta R.T. -0.02 min

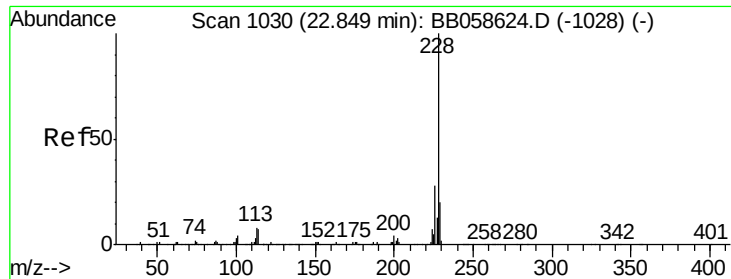
Lab File: BB058626.D

Acq: 13 Oct 2016 10:45

Tgt Ion:	149	Resp:	197419
Ion Ratio	Lower	Upper	
149	100		
167	27.7	23.2	34.8
279	4.3	4.1	6.1

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





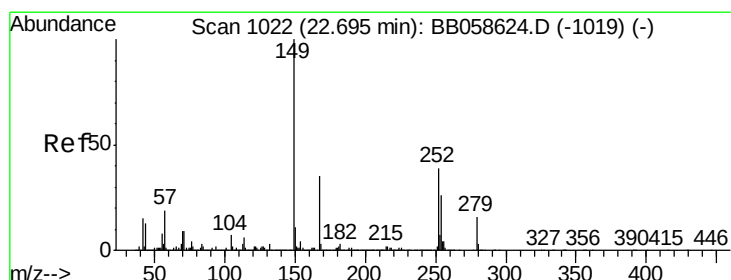
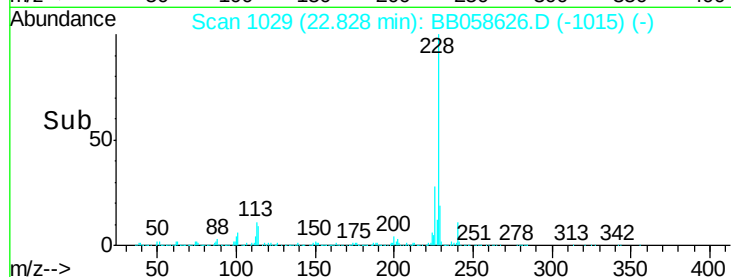
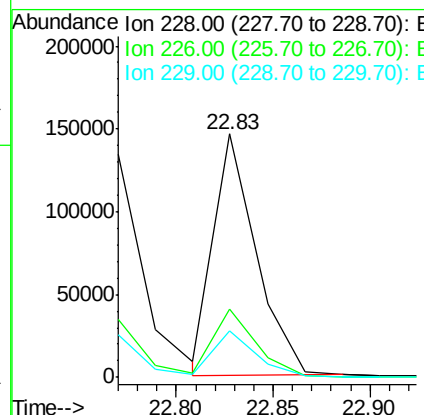
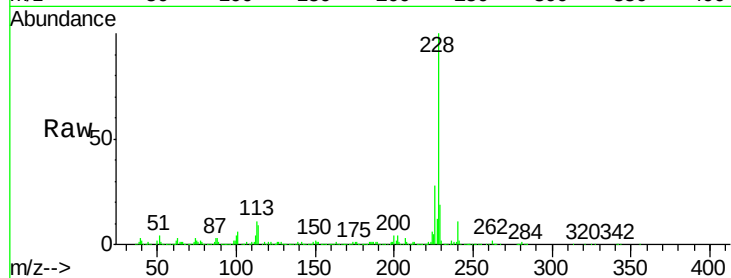
#82
Chrysene
Concen: 2.45 ng/ul
RT: 22.83 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	220893		
226	28.2	23.4	35.2	
229	19.3	15.5	23.3	

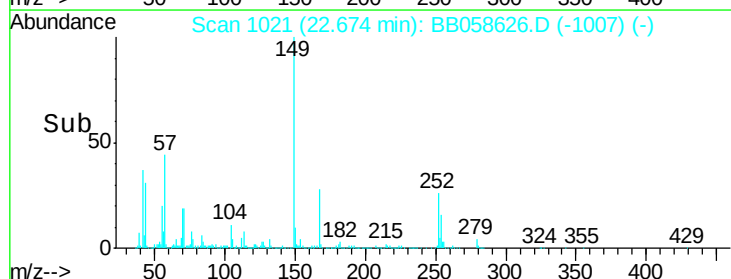
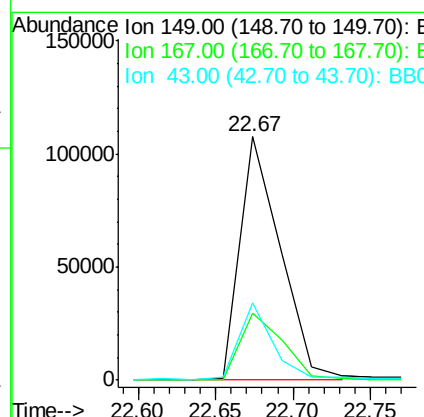
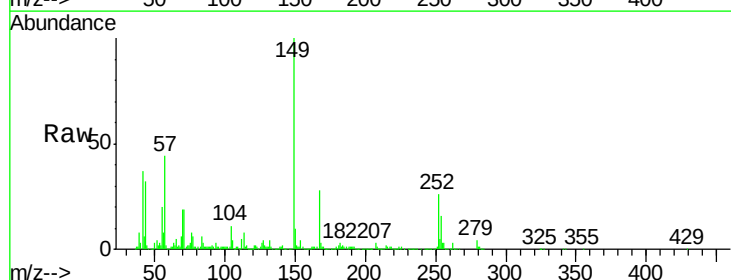
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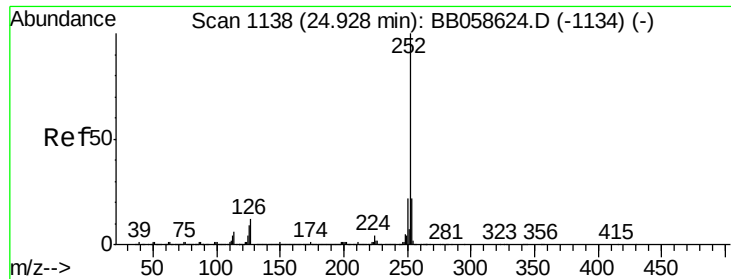
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#84
Di-n-octyl phthalate
Concen: 2.62 ng/ul
RT: 22.67 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	197419		
167	27.7	1.3	1.9#	
43	31.8	6.6	10.0#	





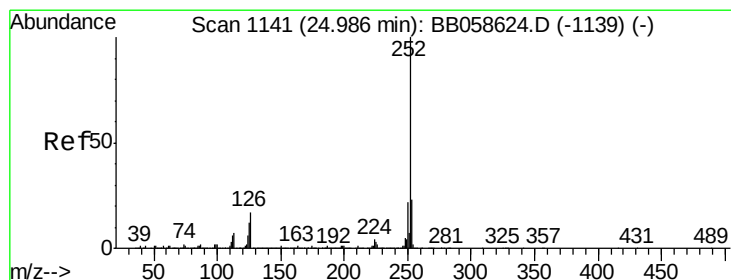
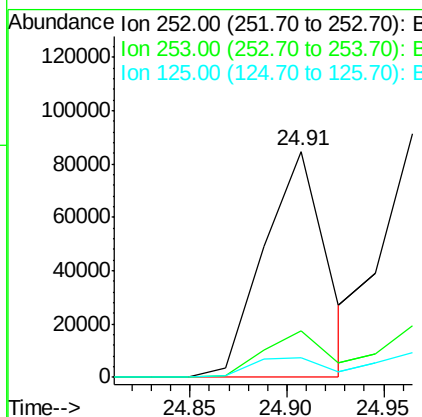
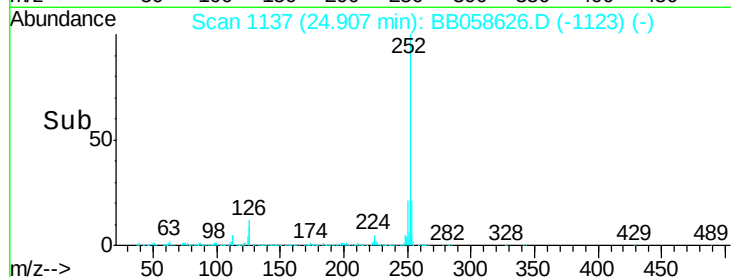
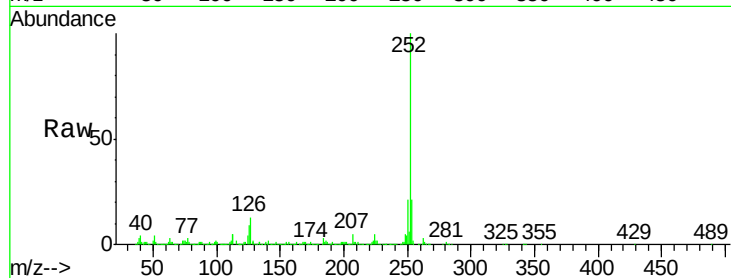
#85
Benzo(b)fluoranthene
Concen: 1.99 ng/ul
RT: 24.91 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	8.6	5.8	8.8

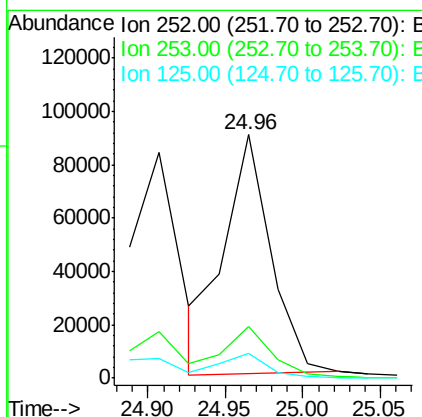
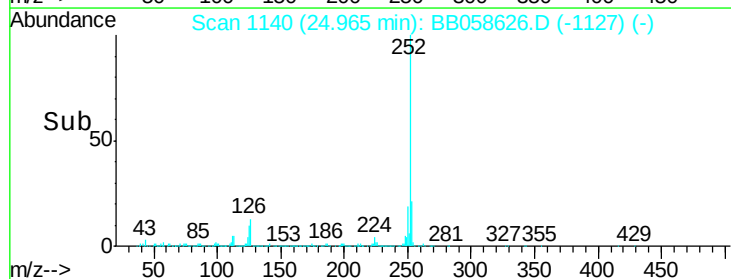
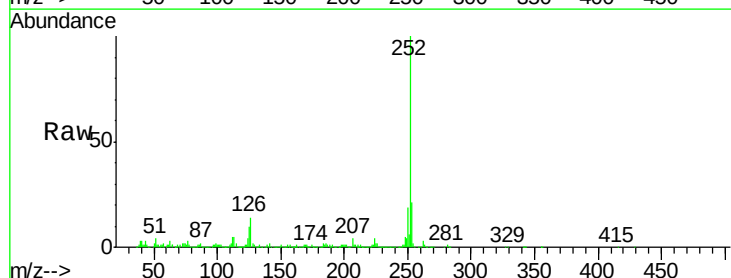
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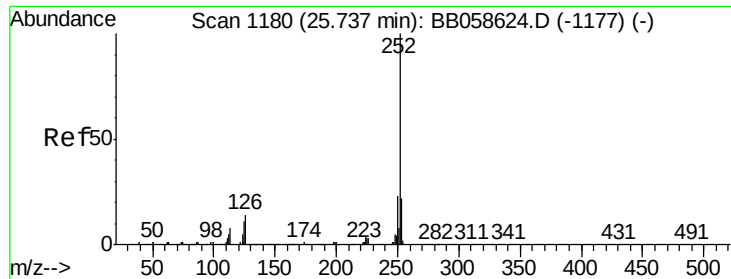
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#86
Benzo(k)fluoranthene
Concen: 2.53 ng/ul
RT: 24.96 min Scan# 1140
Delta R.T. -0.04 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	9.9	5.7	8.5#





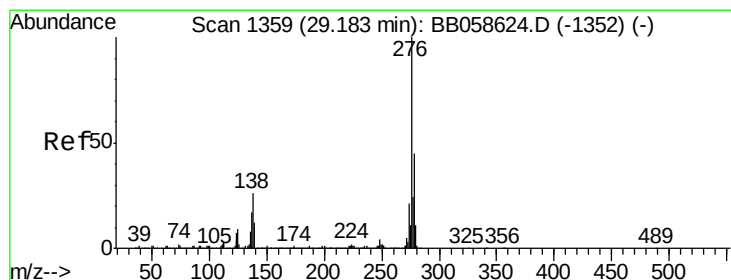
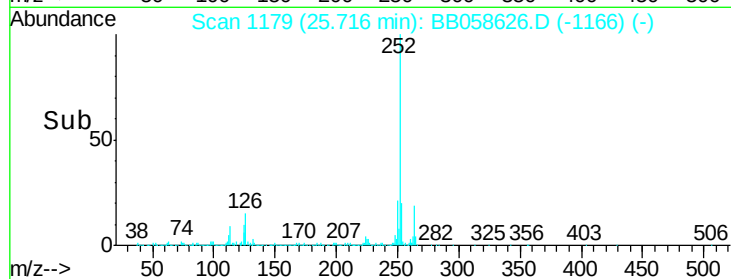
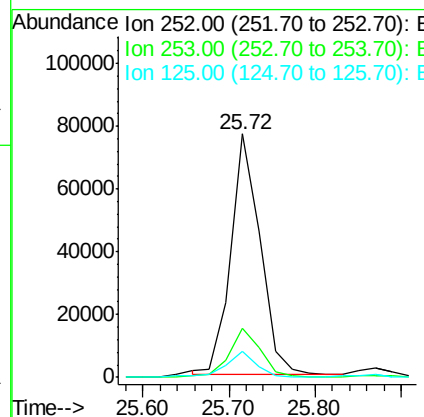
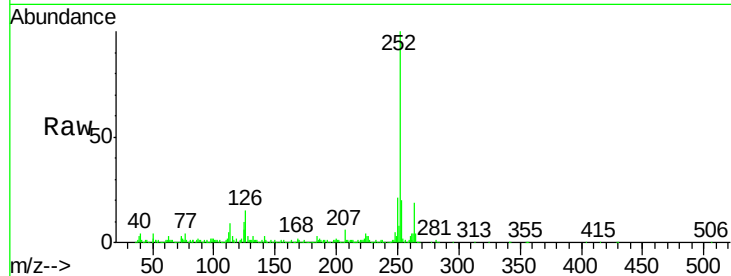
#88
Benzo(a)pyrene
Concen: 2.23 ng/ul
RT: 25.72 min Scan# 1179
Delta R.T. -0.04 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampled :
MDL-01-S

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.1	17.7	26.5
125	10.4	6.6	9.8

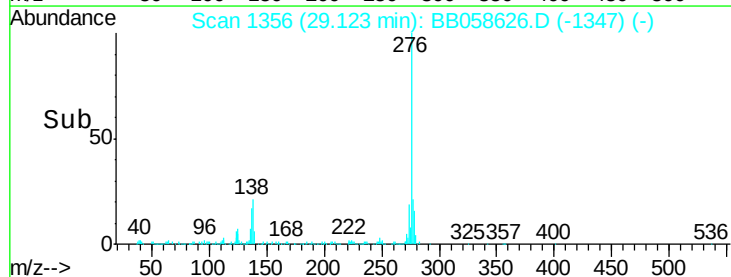
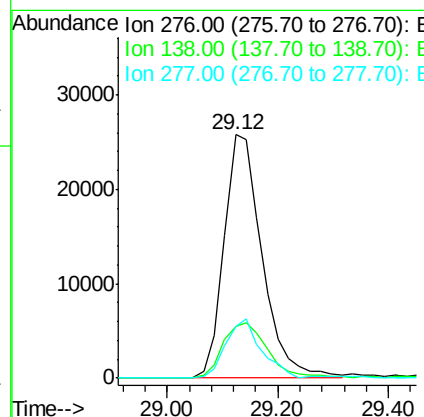
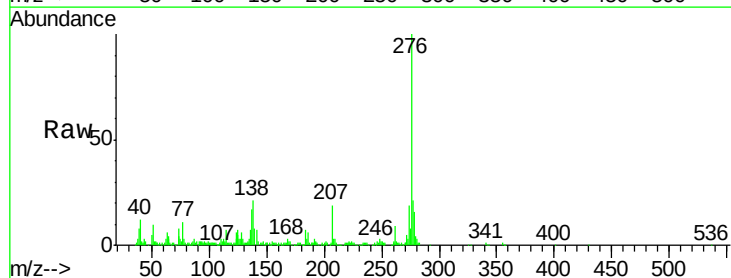
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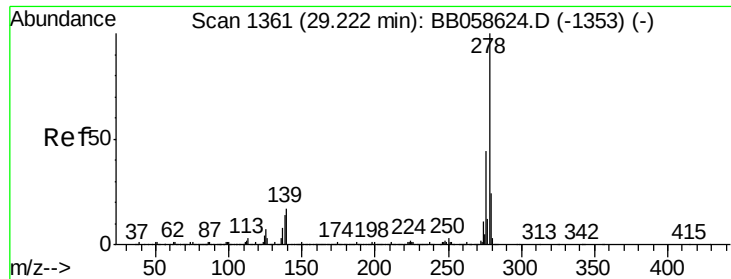
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.76 ng/ul
RT: 29.12 min Scan# 1356
Delta R.T. -0.12 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	21.4	13.9	20.9
277	21.4	20.1	30.1





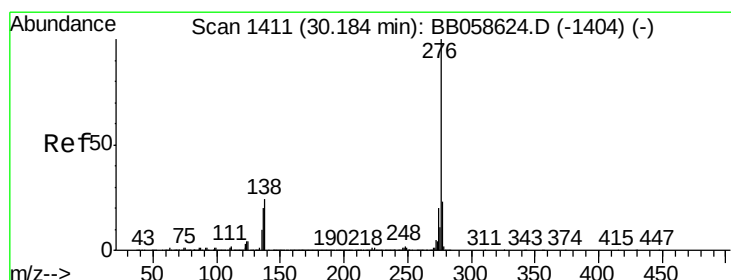
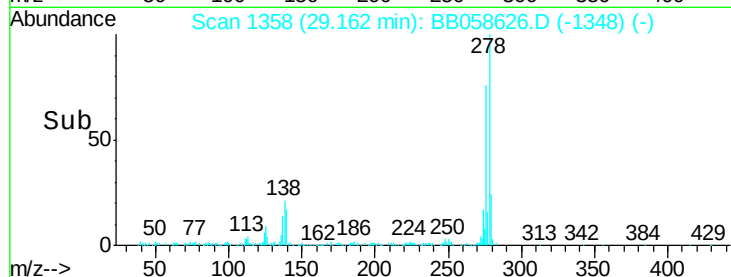
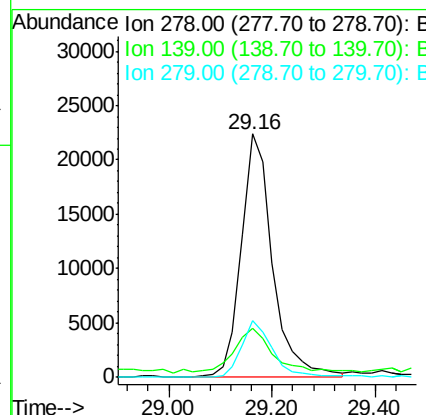
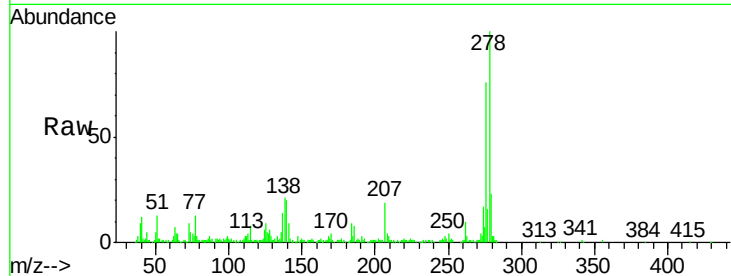
#90
Dibenzo(a,h)anthracene
Concen: 1.61 ng/ul
RT: 29.16 min Scan# 1358
Delta R.T. -0.10 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	9.5	14.3#
279	23.5	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 1.87 ng/ul
RT: 30.12 min Scan# 1408
Delta R.T. -0.12 min
Lab File: BB058626.D
Acq: 13 Oct 2016 10:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.5	20.3#
277	20.8	19.3	28.9

