

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
 Data File : BM000886.D
 Acq On : 07 Apr 2015 18:49
 Operator : TP/IZ
 Sample : G1457-06DL 40X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Manual Integrations
 APPROVED

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 4/9/2015 8:11:25 AM

Quant Time: Apr 08 13:46:51 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 15:59:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	13794	5.00	ng	0.00
11) Naphthalene-d8	10.39	136	70391	5.00	ng	0.00
19) Acenaphthene-d10	14.26	164	37002	5.00	ng	0.00
26) Phenanthrene-d10	17.01	188	81947	5.00	ng	0.00
30) Chrysene-d12	21.20	240	70052	5.00	ng	0.00
34) Perylene-d12	23.38	264	63626	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	20469	4.42	ng	0.00
5) Phenol-d6	6.77	99	34268	3.75	ng	0.00
12) Nitrobenzene-d5	8.73	82	9059	2.58	ng	-0.04
20) 2,4,6-Tribromophenol	15.75	330	5189	3.54	ng	0.00
23) 2-Fluorobiphenyl	12.87	172	40842	3.58	ng	0.00
32) Terphenyl-d14	19.65	244	31064	3.60	ng	0.00
Target Compounds						Qvalue
6) 2-Chlorophenol	7.17	128	8756	1.36	ng	94
7) Phenol	6.81	94	16648	2.89	ng	92
9) 2-Methylphenol	8.06	107	10723	2.54	ng	# 95
10) 3+4-Methylphenols	8.38	107	8674	1.38	ng	89
14) 2-Nitrophenol	9.52	139	7272	3.30	ng	# 83
15) 2,4-Dimethylphenol	9.58	122	5548	1.37	ng	98
16) 2,4-Dichlorophenol	10.04	162	7137	1.54	ng	95
18) 4-Chloro-3-methylphenol	11.67	107	12203	2.62	ng	99
21) 2,4,6-Trichlorophenol	12.69	196	5608	2.05	ng	93
22) 2,4,5-Trichlorophenol	12.75	196	13226	3.82	ng	84
25) 4-Nitrophenol	14.49	139	2573m	2.62	ng	
27) 4,6-Dinitro-2-methylphenol	15.40	198	2844	2.61	ng	# 68
29) Pentachlorophenol	16.67	266	3249	3.06	ng	90

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

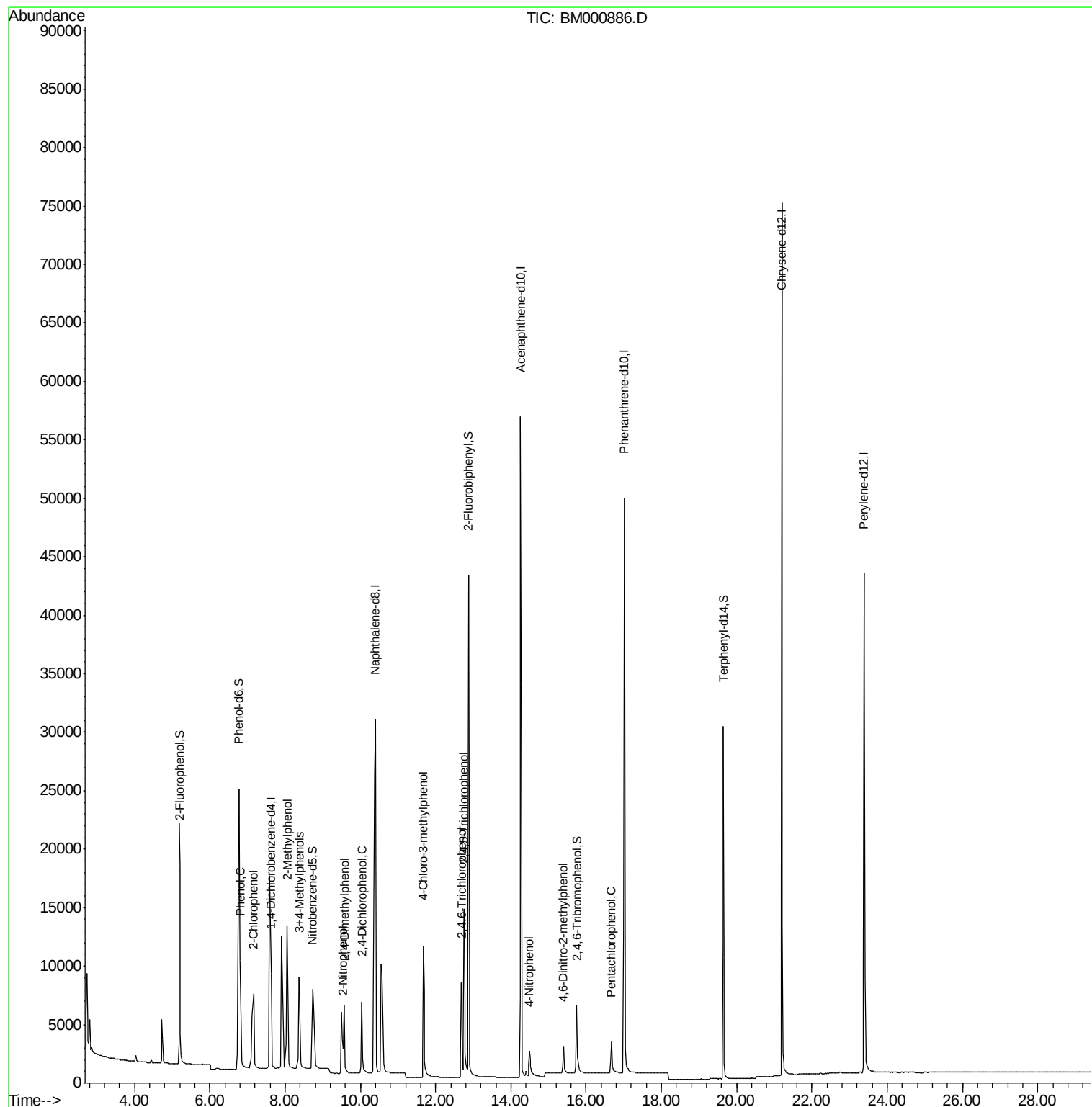
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040715\
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Sample : G1457-06DL 40X
Misc :
ALS Vial : 49 Sample Multiplier: 1

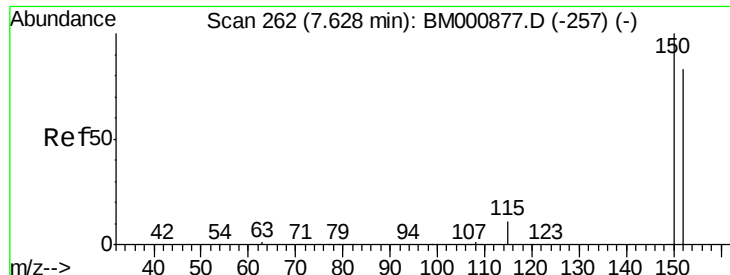
Instrument :
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#1

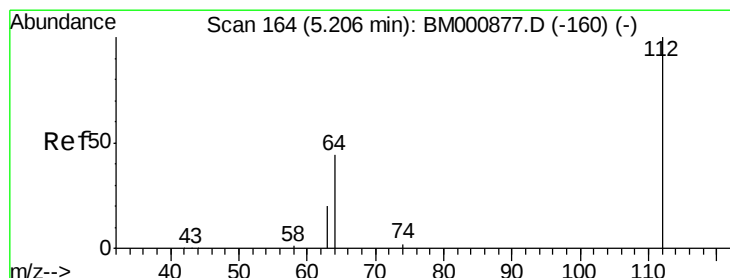
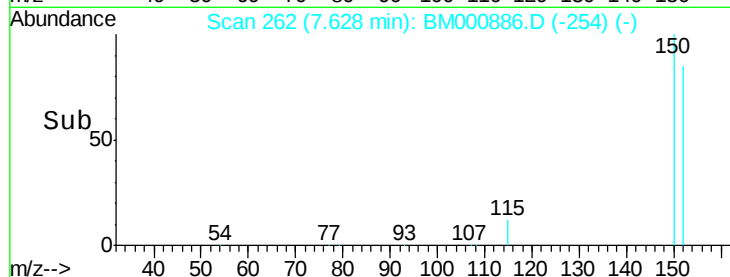
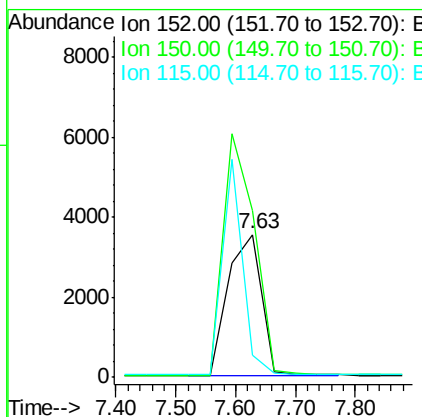
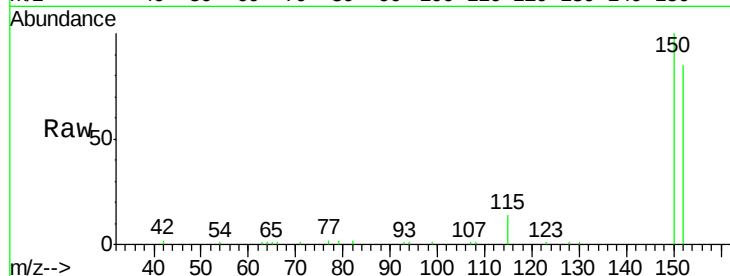
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 262
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	117.0	96.5	144.7
115	15.9	11.9	17.9

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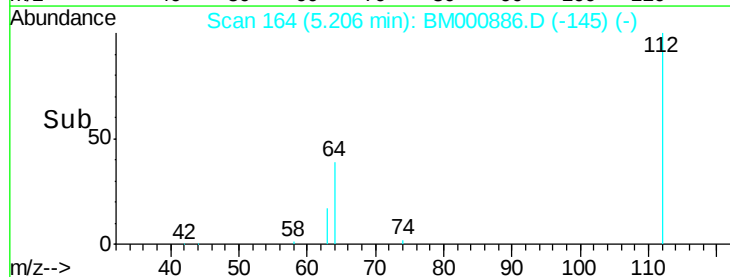
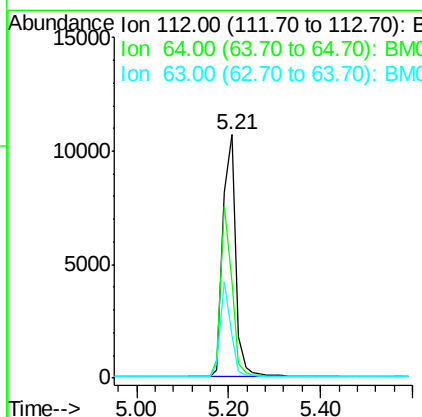
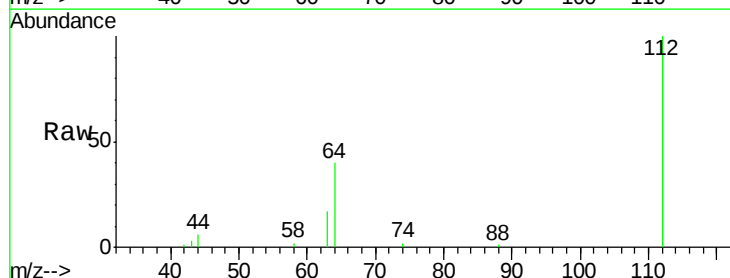
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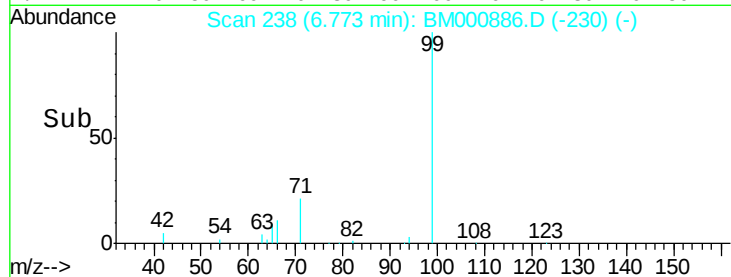
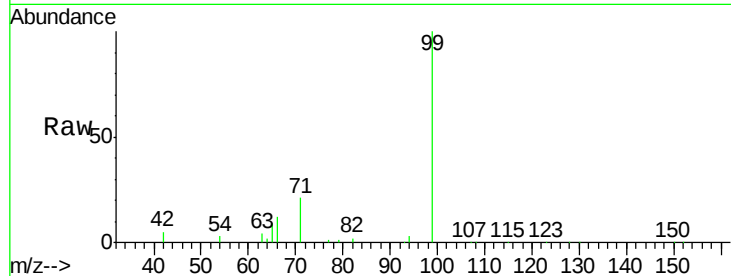
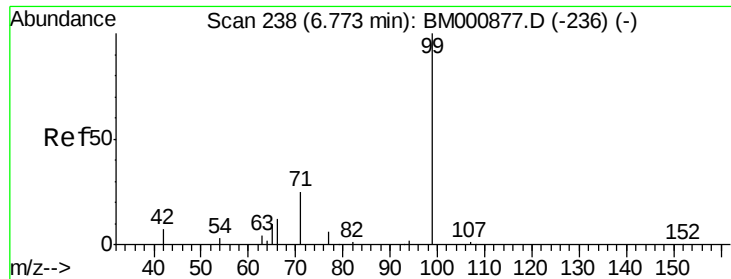


#4

2-Fluorophenol
Concen: 4.42 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.8	35.7	53.5
63	17.4	17.0	25.4





#5

Phenol-d6

Concen: 3.75 ng

RT: 6.77 min Scan# 238

Delta R.T. 0.00 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Tot Ion:	99	Resp:	34268
Ion Ratio	Lower	Upper	
99	100		
42	5.2	7.5	11.3#
71	21.1	21.3	31.9#

Instrument :

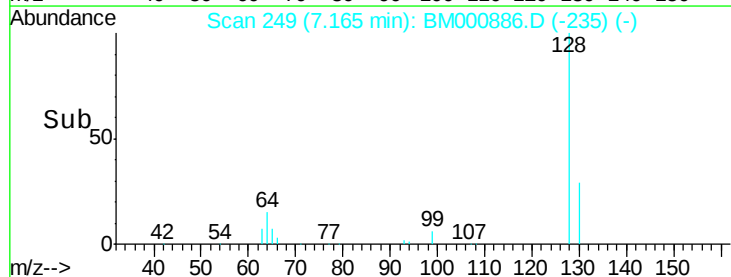
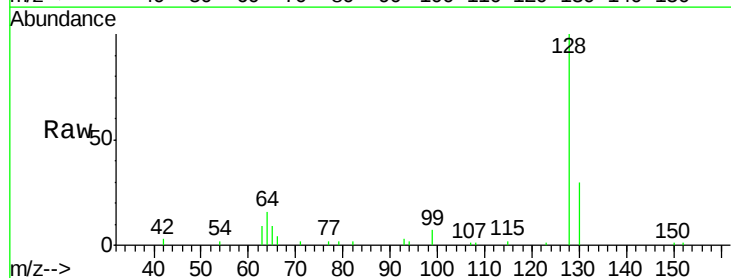
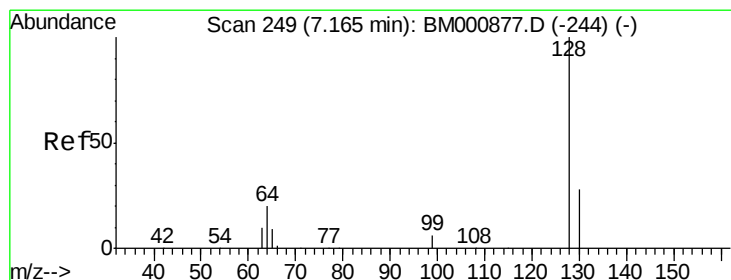
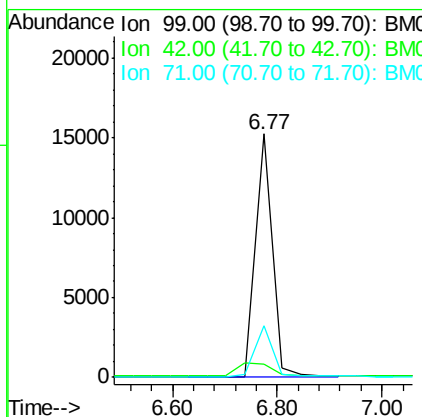
BNA_M

ClientSampleId :

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#6

2-Chlorophenol

Concen: 1.36 ng

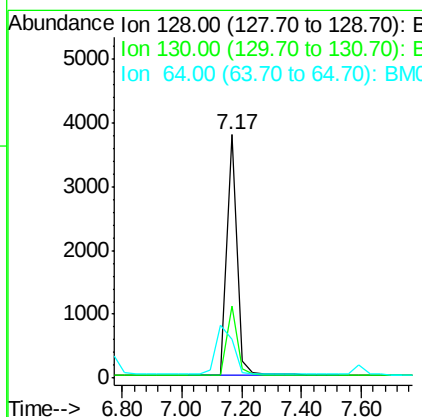
RT: 7.17 min Scan# 249

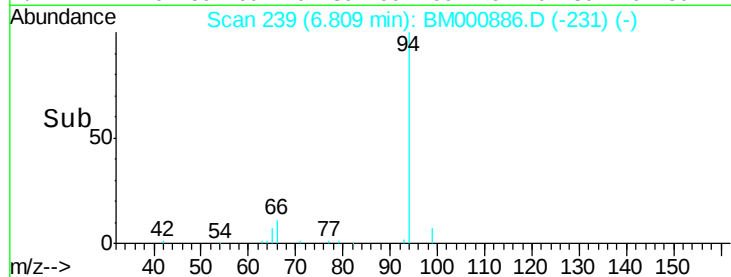
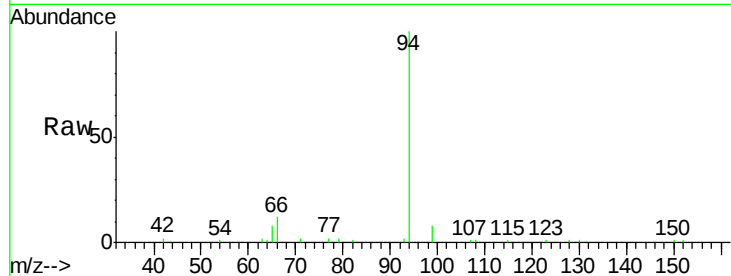
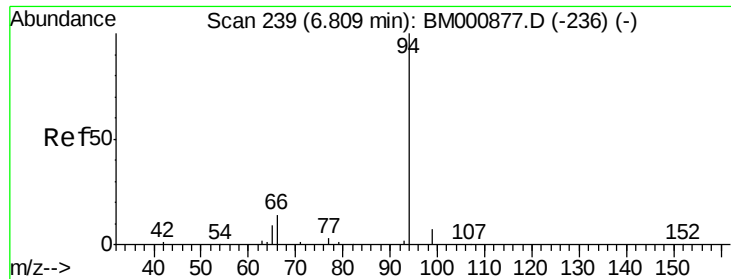
Delta R.T. 0.00 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Tgt Ion:	128	Resp:	8756
Ion Ratio	Lower	Upper	
128	100		
130	29.9	9.4	49.4
64	16.0	2.1	42.1





#7

Phenol

Concen: 2.89 ng

RT: 6.81 min Scan# 239

Delta R.T. 0.00 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Tot Ion:	94	Resp:	16648
Ion Ratio	Lower	Upper	
94	100		
65	7.9	0.0	30.9
66	12.2	0.0	35.8

Instrument :

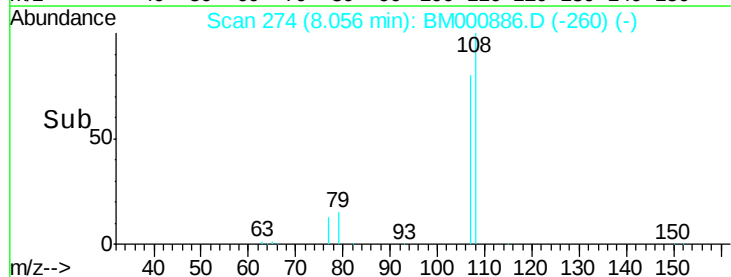
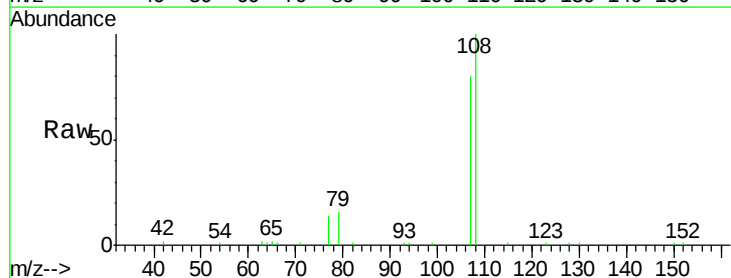
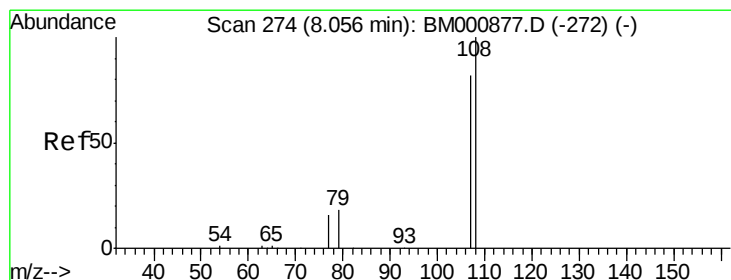
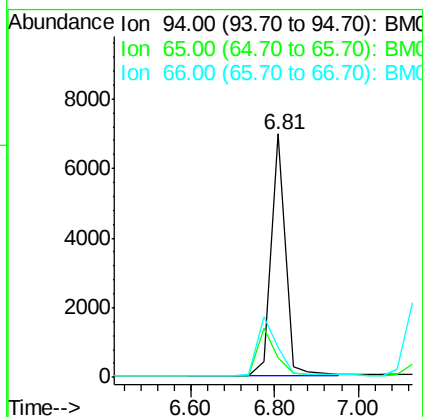
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#9

2-Methylphenol

Concen: 2.54 ng

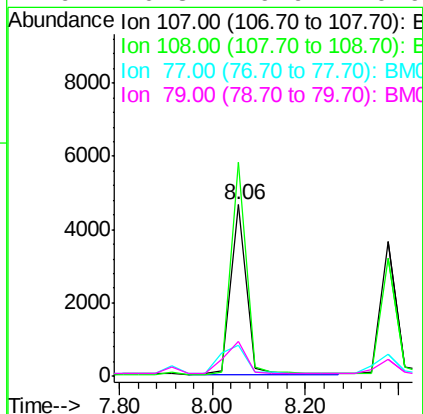
RT: 8.06 min Scan# 274

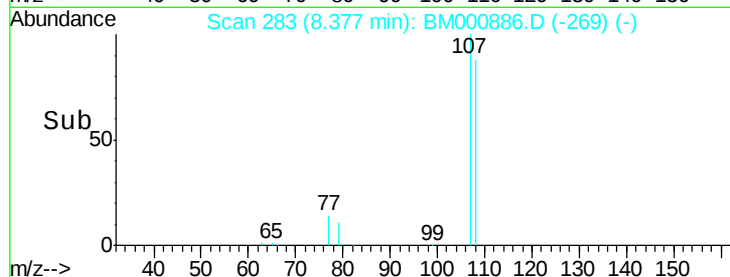
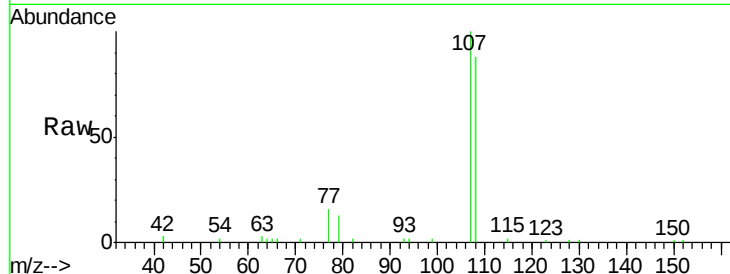
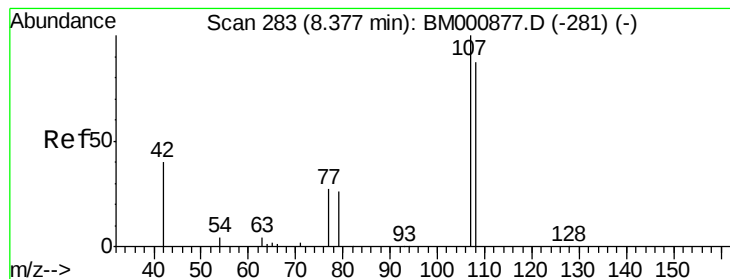
Delta R.T. 0.00 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Tgt Ion:	107	Resp:	10723
Ion Ratio	Lower	Upper	
107	100		
108	124.7	96.7	145.1
77	17.7	18.3	27.5#
79	20.3	19.9	29.9





#10

3+4-Methylphenols

Concen: 1.38 ng

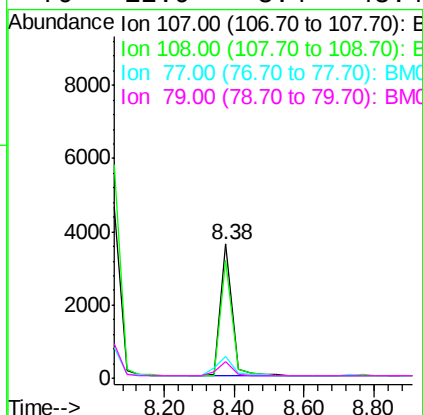
RT: 8.38 min Scan# 283

Delta R.T. 0.00 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Tot Ion:	107	Resp:	8674
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.6	107.6
77	15.9	10.0	50.0
79	12.9	8.4	48.4



Instrument :

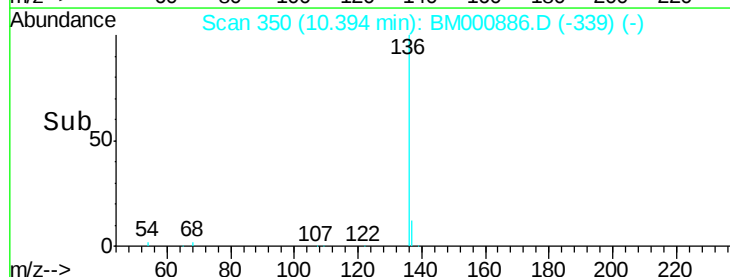
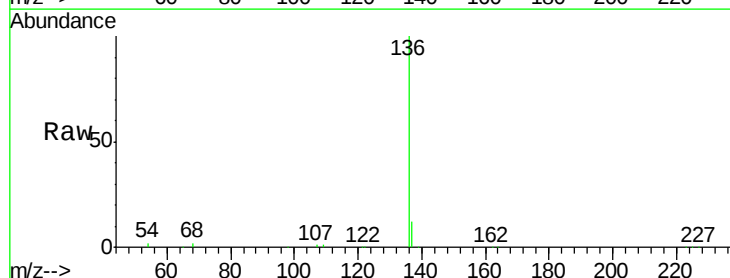
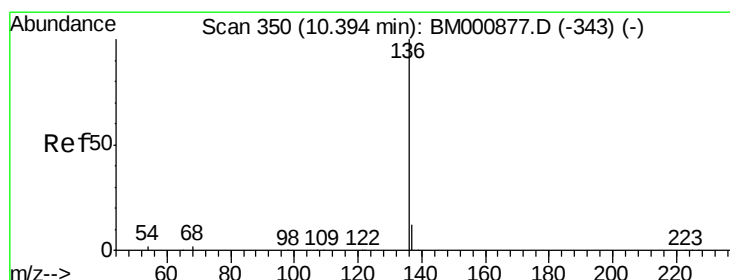
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#11

Naphthalene-d8

Concen: 5.00 ng

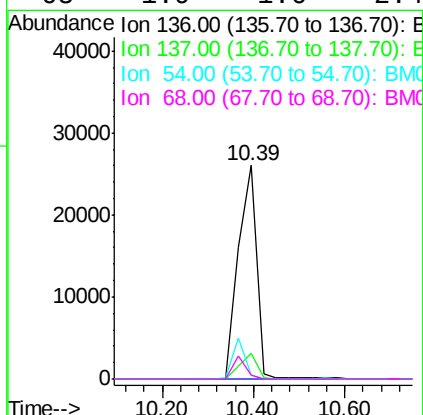
RT: 10.39 min Scan# 350

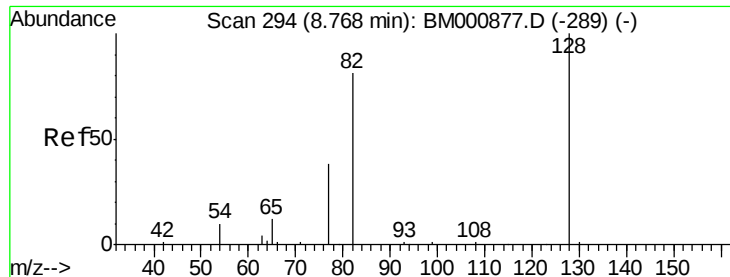
Delta R.T. 0.00 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Tgt Ion:	136	Resp:	70391
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	1.9	1.5	2.3
68	1.9	1.6	2.4





#12

Nitrobenzene-d5

Concen: 2.58 ng

RT: 8.73 min Scan# 293

Delta R.T. -0.04 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Instrument :

BNA_M

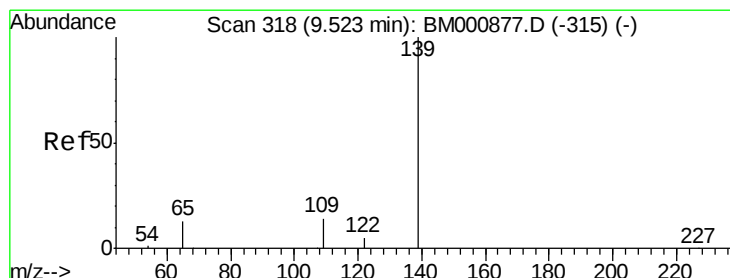
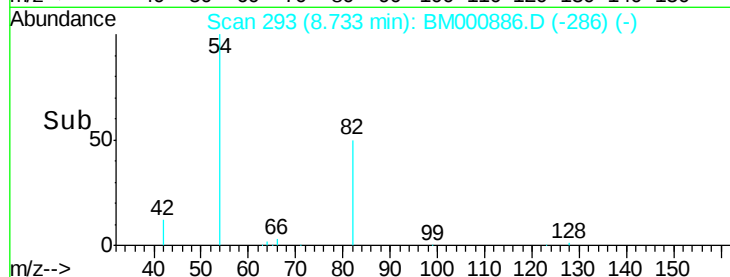
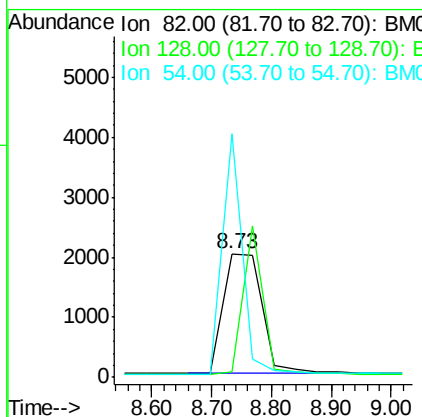
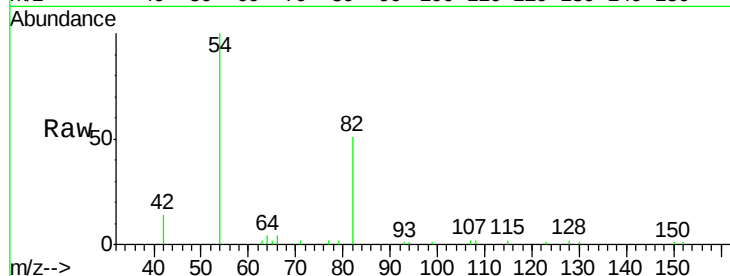
ClientSampleId :

PT-ACIDS-WPDL

Tot Ion:	82	Resp:	9059
Ion Ratio	Lower	Upper	
82	100		
128	4.5	96.2	144.2#
54	196.9	15.0	22.6#

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#14

2-Nitrophenol

Concen: 3.30 ng

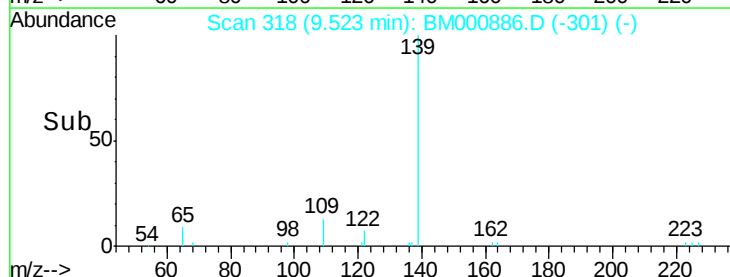
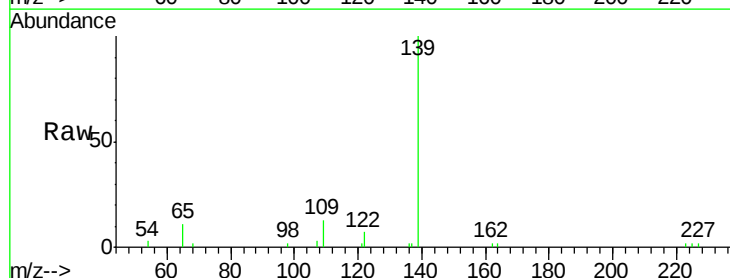
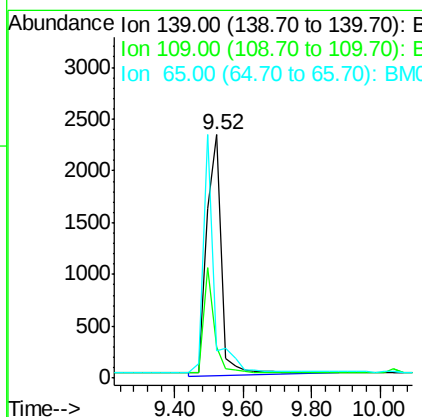
RT: 9.52 min Scan# 318

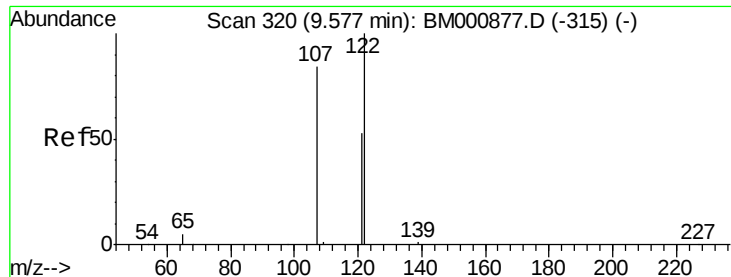
Delta R.T. 0.00 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Tgt Ion:	139	Resp:	7272
Ion Ratio	Lower	Upper	
139	100		
109	12.9	15.8	23.8#
65	11.2	16.2	24.2#





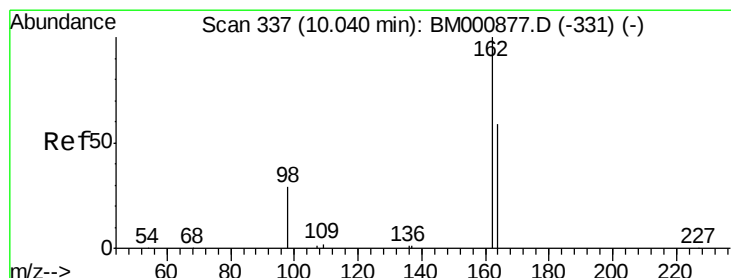
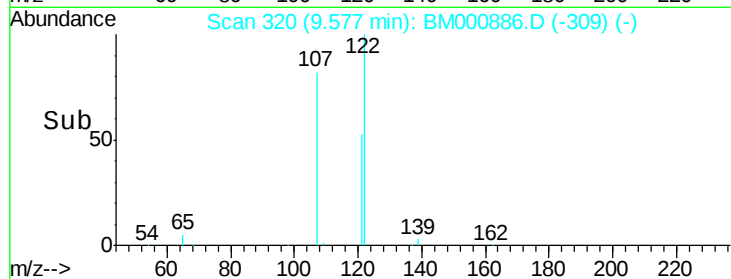
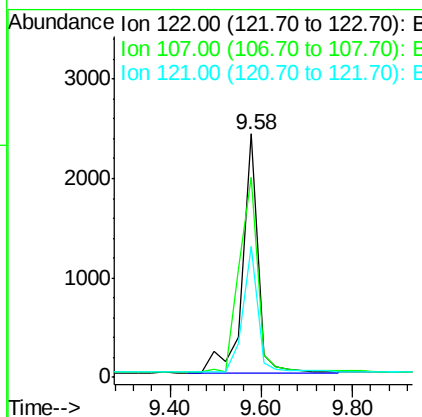
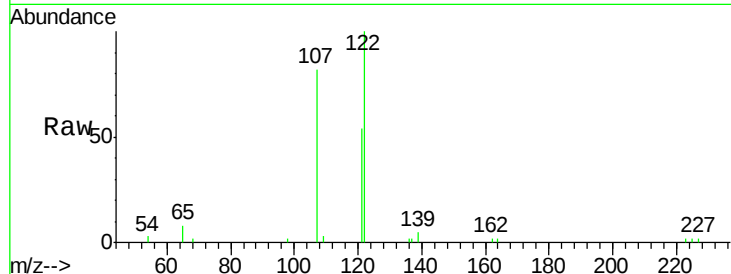
#15
2,4-Dimethylphenol
Concen: 1.37 ng
RT: 9.58 min Scan# 320
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Instrument :
BNA_M
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PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
122	100		
107	82.2	67.4	101.2
121	54.0	43.5	65.3

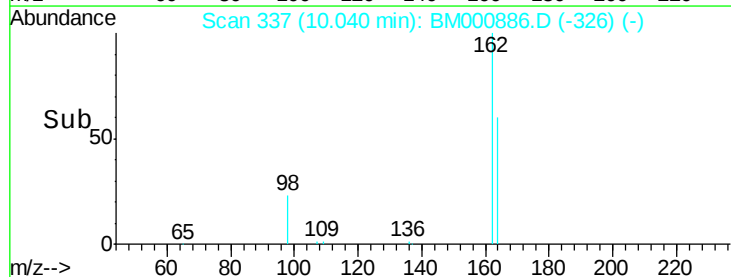
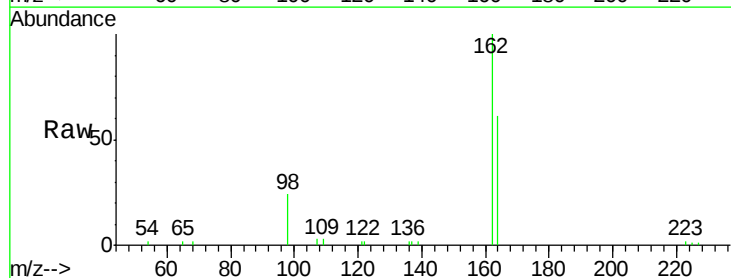
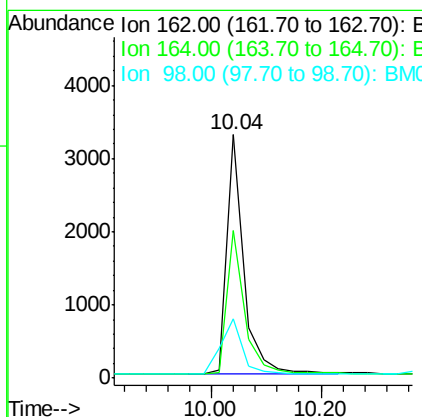
Manual Integrations
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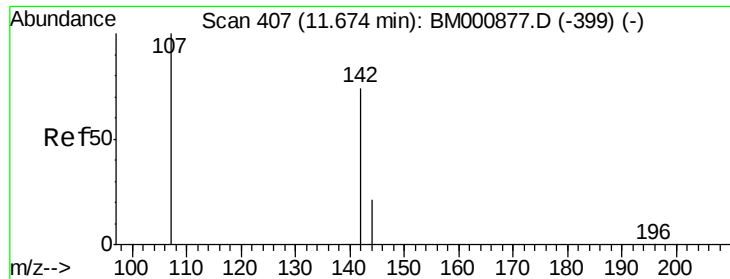
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#16
2,4-Dichlorophenol
Concen: 1.54 ng
RT: 10.04 min Scan# 337
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.5	39.9	79.9
98	24.4	11.3	51.3





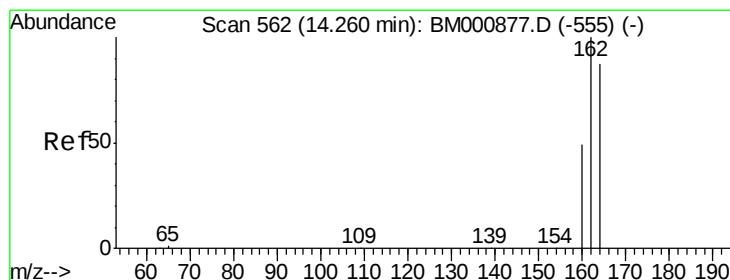
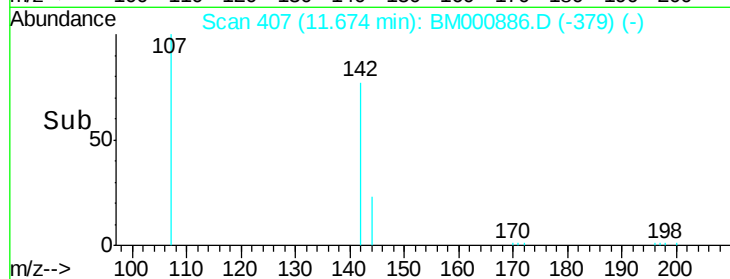
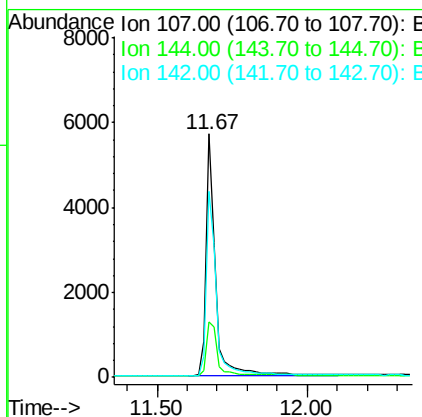
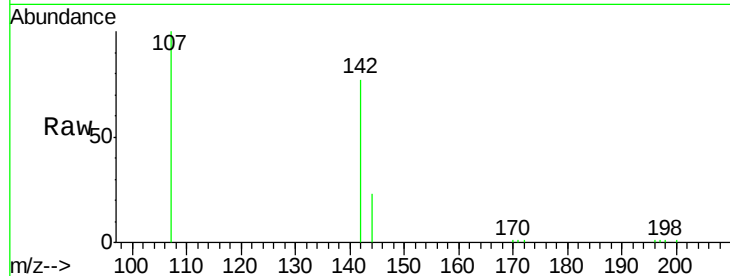
#18
4-Chloro-3-methylphenol
Concen: 2.62 ng
RT: 11.67 min Scan# 407
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Instrument :
BNA_M
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PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.0	18.4	27.6
142	76.5	59.9	89.9

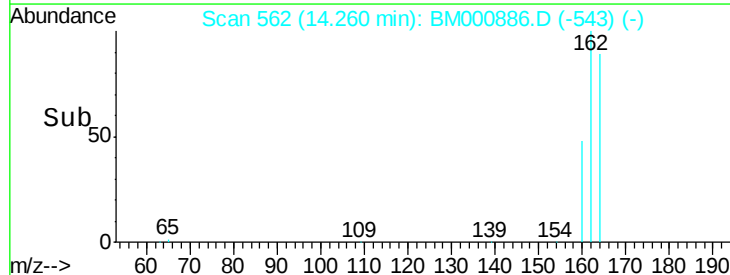
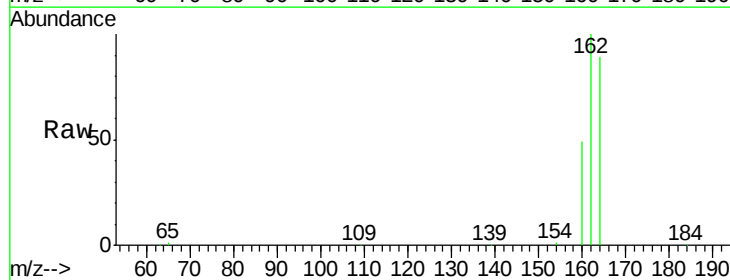
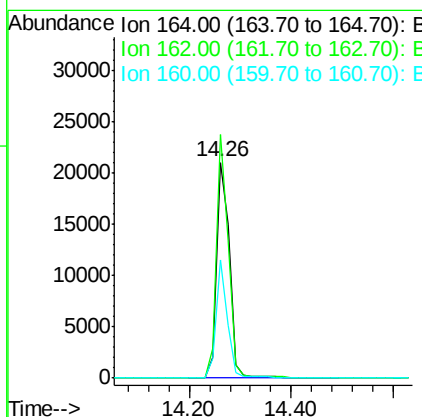
Manual Integrations
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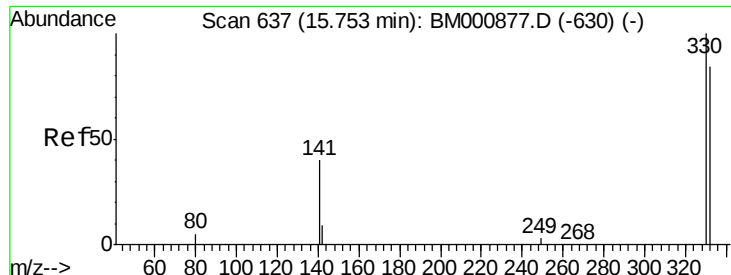
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#19
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.9	91.8	137.6
160	54.9	44.6	67.0





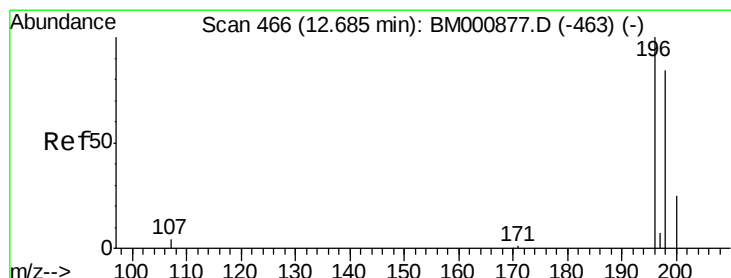
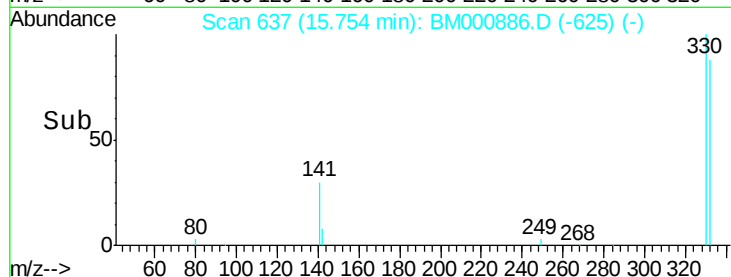
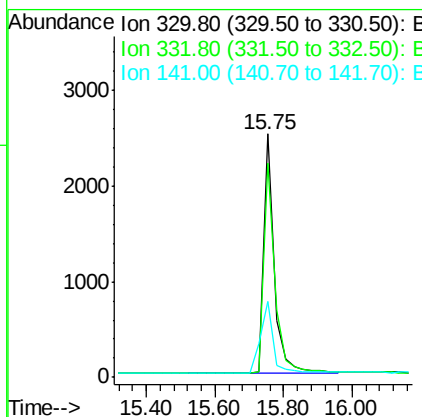
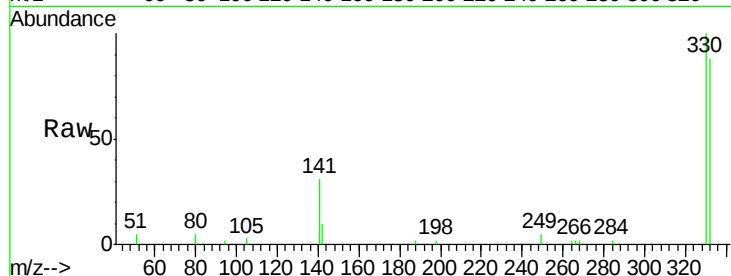
#20
 2,4,6-Tribromophenol
 Concen: 3.54 ng
 RT: 15.75 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BM000886.D
 Acq: 07 Apr 2015 18:49

Instrument :
 BNA_M
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	72.6	109.0
141	35.9	29.8	44.6

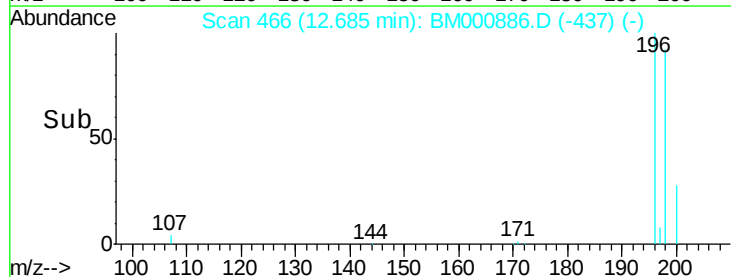
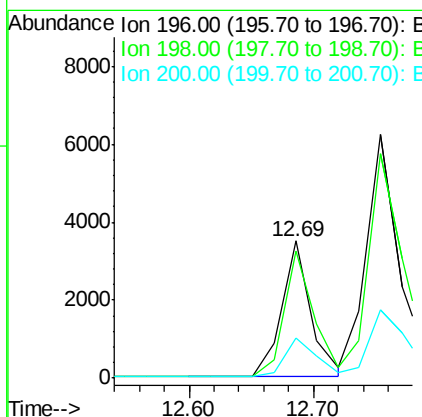
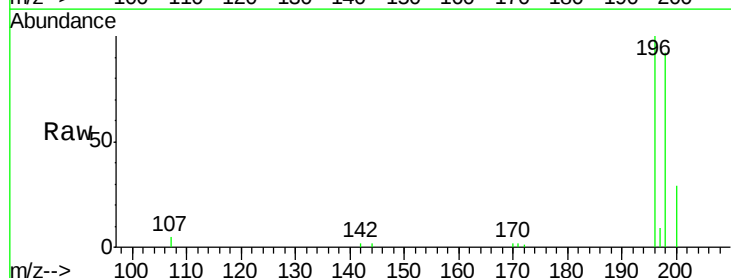
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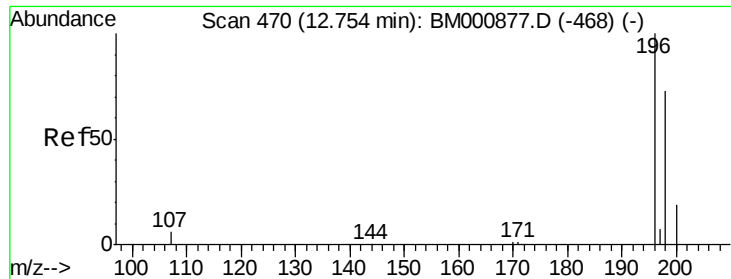
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#21
 2,4,6-Trichlorophenol
 Concen: 2.05 ng
 RT: 12.69 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BM000886.D
 Acq: 07 Apr 2015 18:49

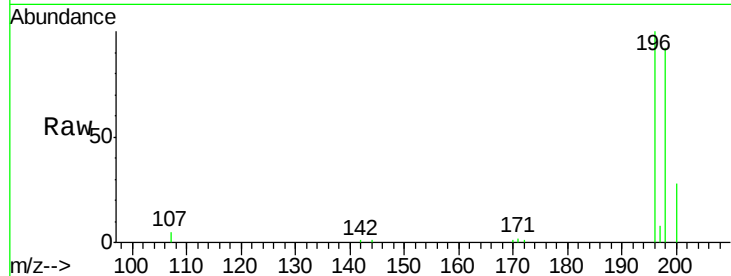
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	67.5	101.3
200	28.8	22.1	33.1





#22
2,4,5-Trichlorophenol
Concen: 3.82 ng
RT: 12.75 min Scan# 470
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

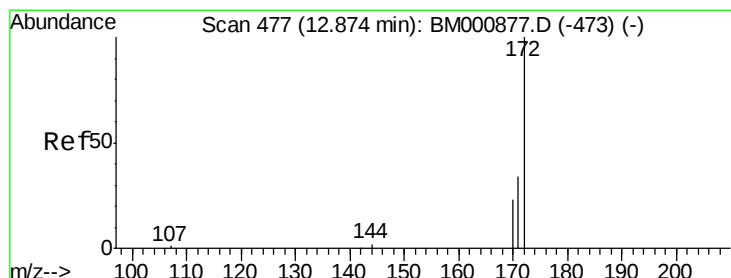
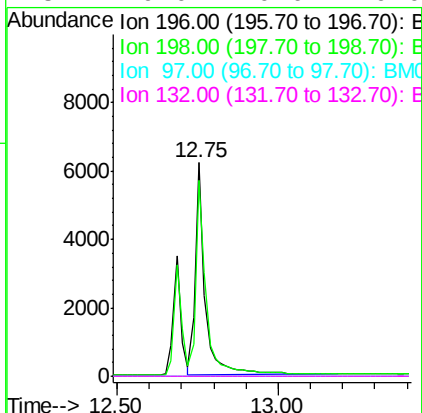
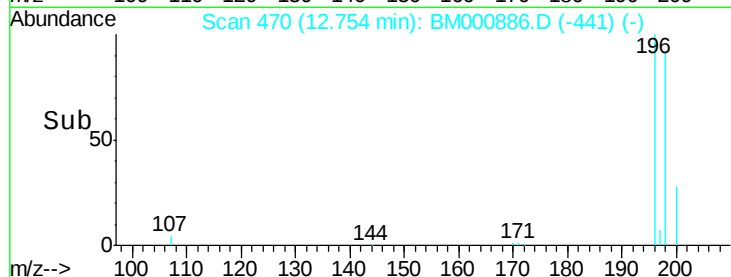
Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL



Tot Ion:	196	Resp:	13226
Ion Ratio	Lower	Upper	
196	100		
198	92.0	62.7	94.1
97	0.0	0.0	0.0
132	0.0	0.0	0.0

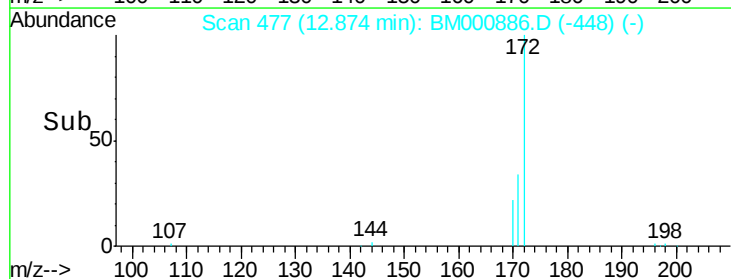
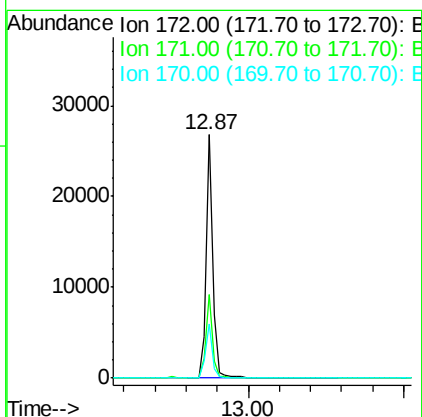
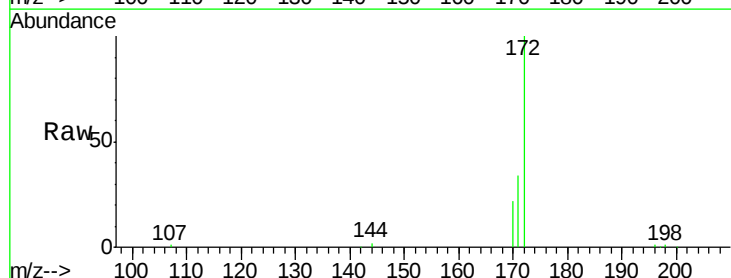
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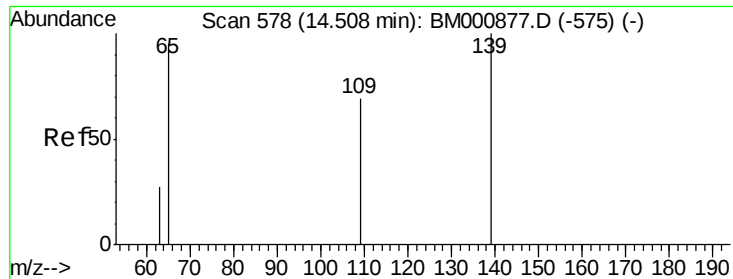
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#23
2-Fluorobiphenyl
Concen: 3.58 ng
RT: 12.87 min Scan# 477
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Tgt Ion:	172	Resp:	40842
Ion Ratio	Lower	Upper	
172	100		
171	34.1	27.8	41.8
170	22.0	19.0	28.6





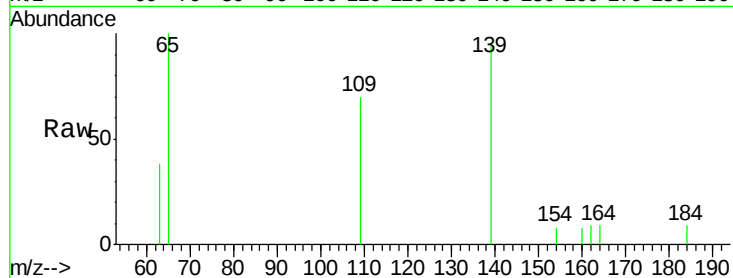
#25
4-Nitrophenol
Concen: 2.62 ng/ml
RT: 14.49 min Scan# 577
Delta R.T. -0.01 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

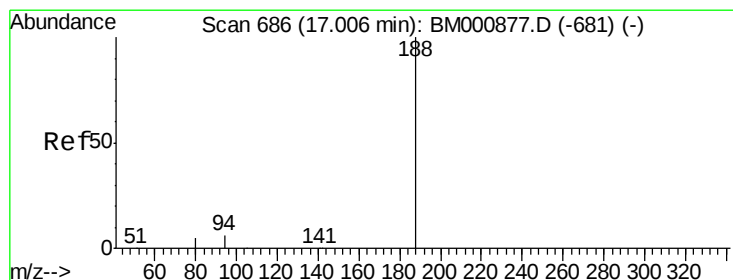
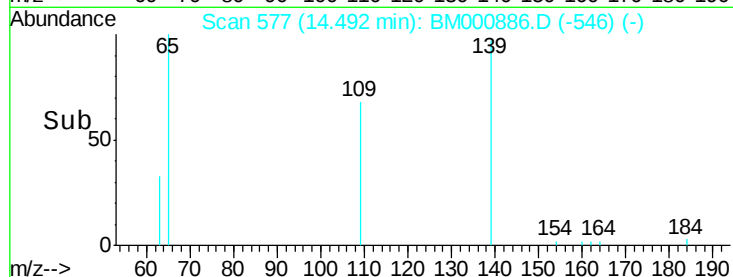
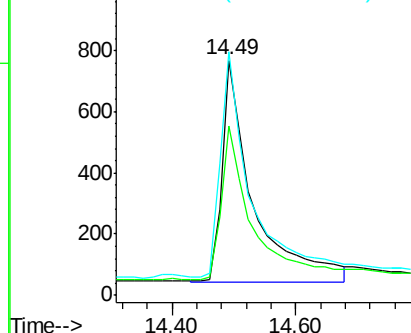
Tot Ion	Ratio	Lower	Upper
139	100		
109	72.1	58.4	98.4
65	103.6	87.7	127.7

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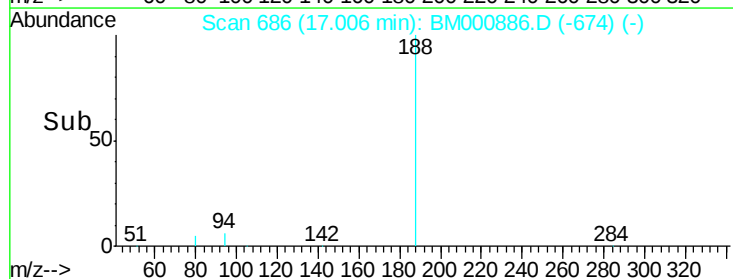
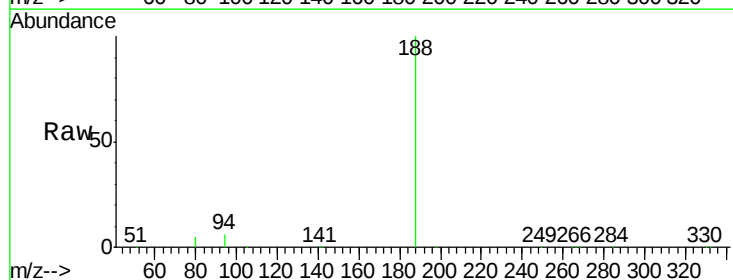
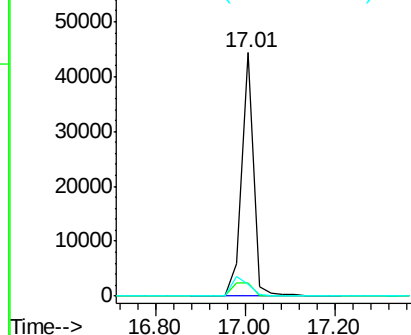
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

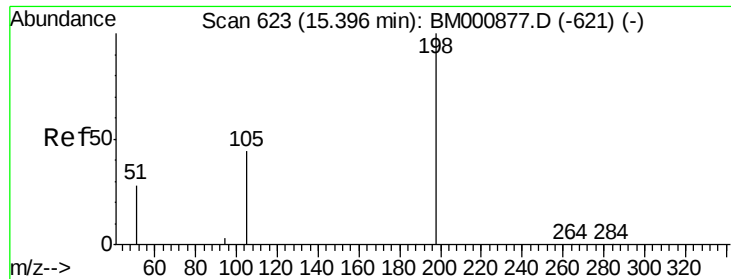


#26
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.9	7.3
80	5.2	4.4	6.6

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM





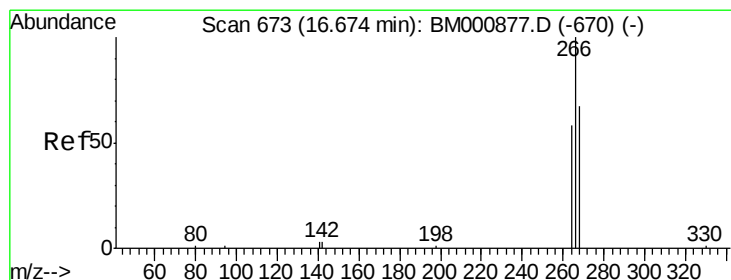
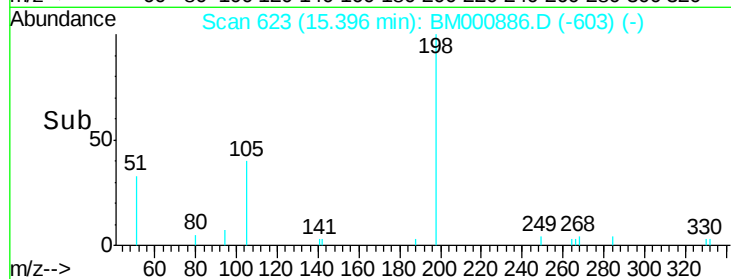
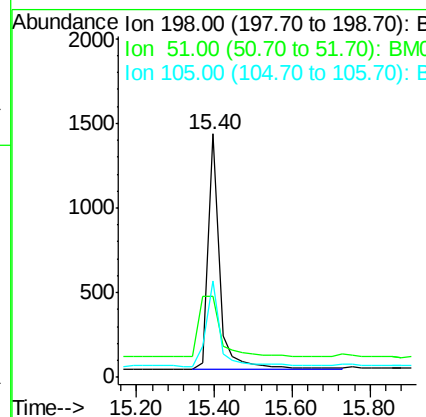
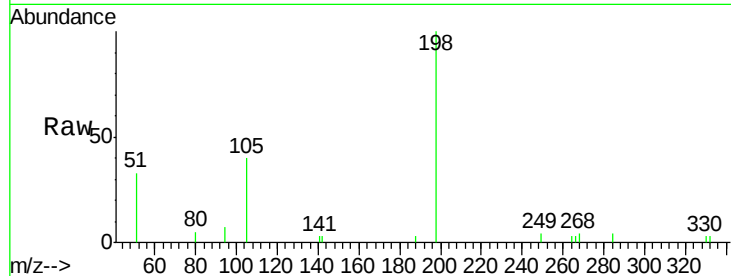
#27
4,6-Dinitro-2-methylphenol
Concen: 2.61 ng
RT: 15.40 min Scan# 623
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
198	100	2844		
51	33.1	44.6	84.6#	
105	39.7	36.0	76.0	

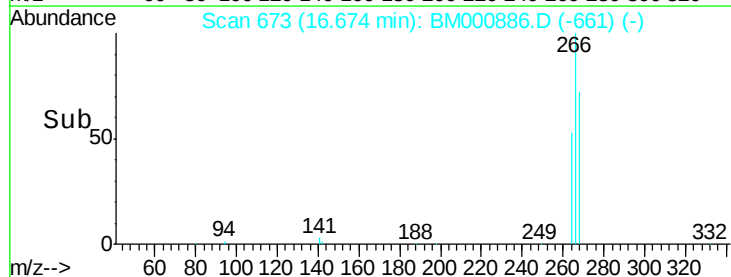
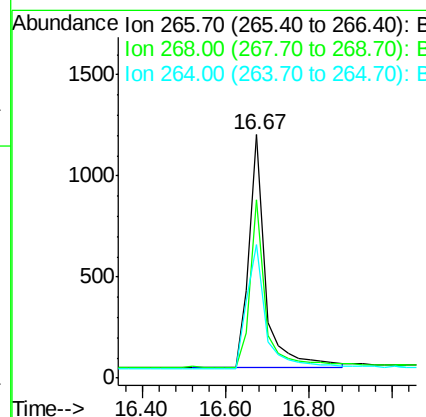
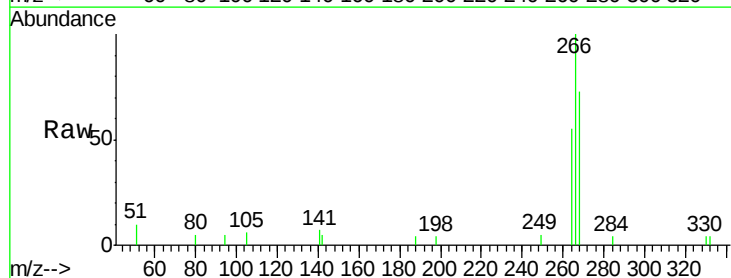
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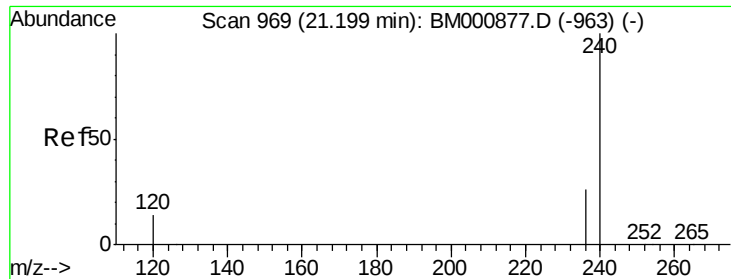
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#29
Pentachlorophenol
Concen: 3.06 ng
RT: 16.67 min Scan# 673
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	3249		
268	73.3	61.8	92.8	
264	55.1	53.8	80.6	





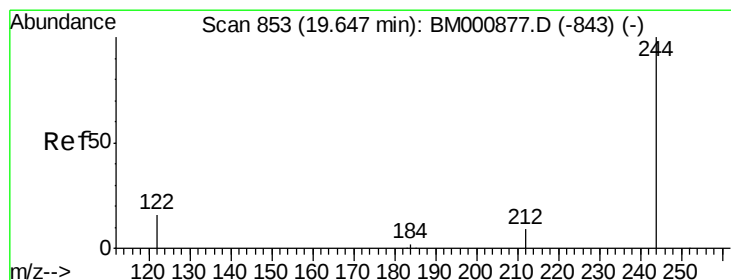
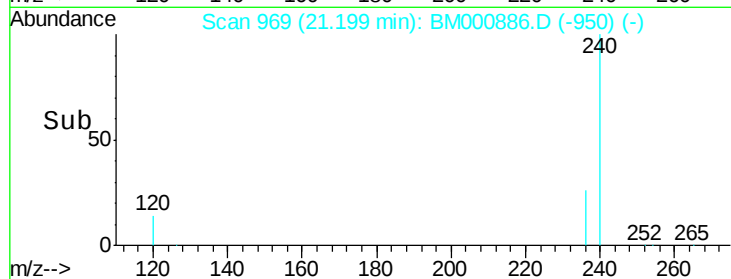
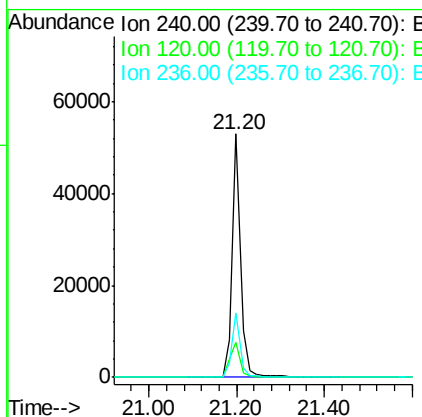
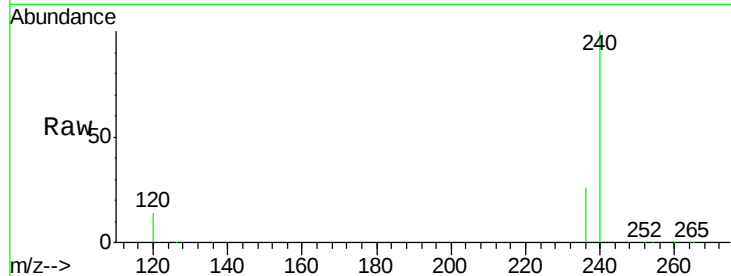
#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Instrument :
BNA_M
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	11.1	16.7
236	26.5	20.9	31.3

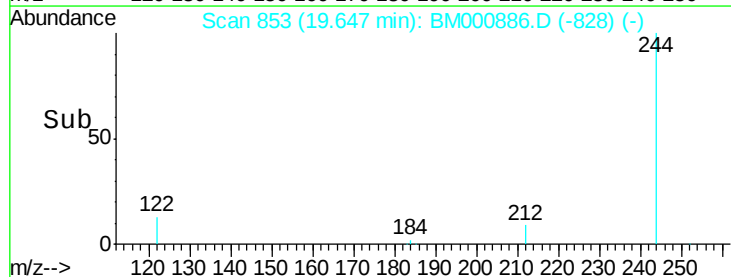
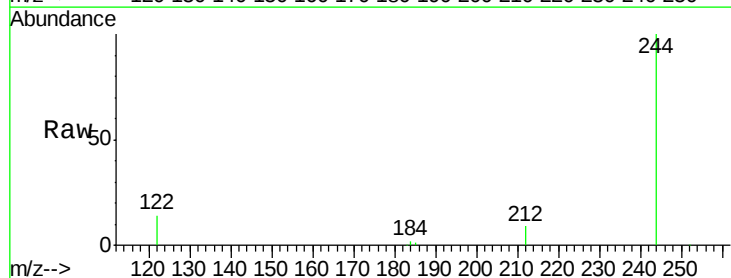
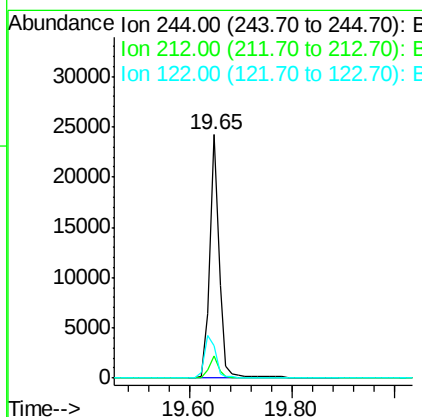
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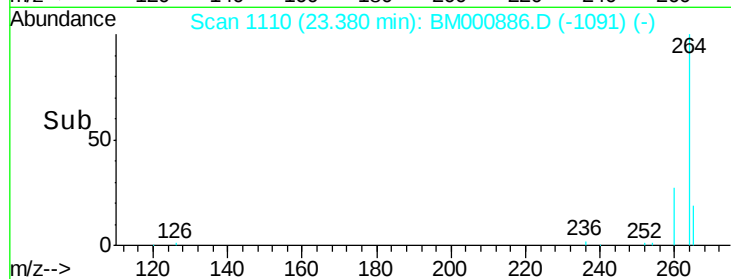
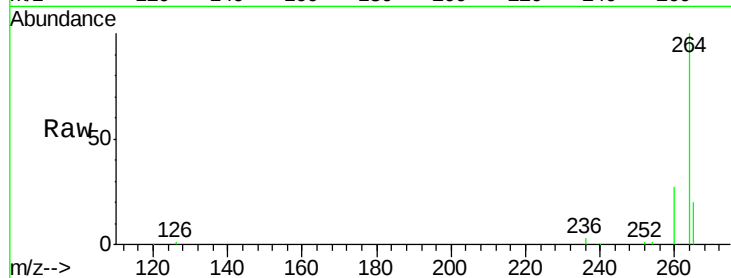
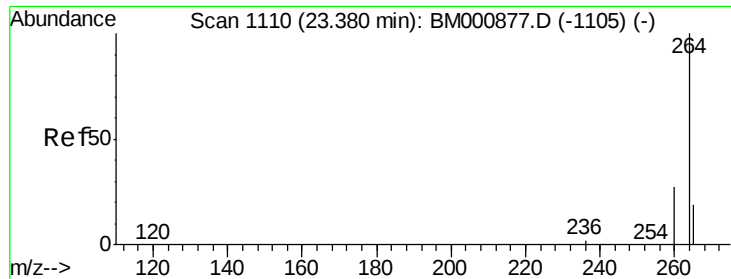
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#32
Terphenyl-d14
Concen: 3.60 ng
RT: 19.65 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM000886.D
Acq: 07 Apr 2015 18:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.1	12.1
122	13.5	13.6	20.4





#34

Pervlene-d12

Concen: 5.00 ng

RT: 23.38 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM000886.D

Acq: 07 Apr 2015 18:49

Instrument :

BNA_M

ClientSampleId :

PT-ACIDS-WPDL

Tot Ion: 264 Resp: 63626

Ion Ratio Lower Upper

264 100

260 27.2 21.6 32.4

265 20.2 16.1 24.1

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