

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
 Data File : BM002904.D
 Acq On : 14 Oct 2015 19:28
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Manual Integrations
 APPROVED

MMdadoda
 10/15/2015 5:29:49 PM

Quant Time: Oct 15 01:15:47 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	83235	5.00	ng	0.01
8) Naphthalene-d8	11.50	136	345451	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	182289	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	420393	5.00	ng	0.00
24) Chrysene-d12	22.04	240	398620	5.00	ng	0.00
26) Perylene-d12	24.61	264	368537	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	6.15	112	14740m	0.92	ng	0.00
3) Phenol-d6	7.80	99	19778	0.87	ng	0.00
9) Nitrobenzene-d5	9.86	82	17625	0.93	ng	0.00
15) 2,4,6-Tribromophenol	16.71	330	5675	0.85	ng	0.00
18) 2-Fluorobiphenyl	13.88	172	55416	0.93	ng	0.01
25) Terphenyl-d14	20.48	244	56184	0.93	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	8.21	128	18856	0.89	ng	# 70
5) Phenol	7.82	94	20277	0.90	ng	# 83
6) 2-Methylphenol	9.11	107	15489	0.90	ng	# 86
7) 3+4-Methylphenols	9.45	107	18794	0.88	ng	# 35
10) 2-Nitrophenol	10.64	139	7172	0.83	ng	# 64
11) 2,4-Dimethylphenol	10.66	122	16848	0.88	ng	# 100
12) 2,4-Dichlorophenol	11.19	162	13766	0.93	ng	# 82
13) 4-Chloro-3-methylphenol	12.76	107	16175	0.87	ng	# 84
16) 2,4,6-Trichlorophenol	13.72	196	10289	0.87	ng	# 77
17) 2,4,5-Trichlorophenol	13.83	196	11206	0.89	ng	# 94
19) 2,4-Dinitrophenol	15.51	184	354	0.90	ng	# 1
20) 4-Nitrophenol	15.51	139	3387	0.89	ng	# 75
22) 4,6-Dinitro-2-methylphenol	16.40	198	2025	0.85	ng	# 80
23) Pentachlorophenol	17.63	266	2265	1.03	ng	# 94

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

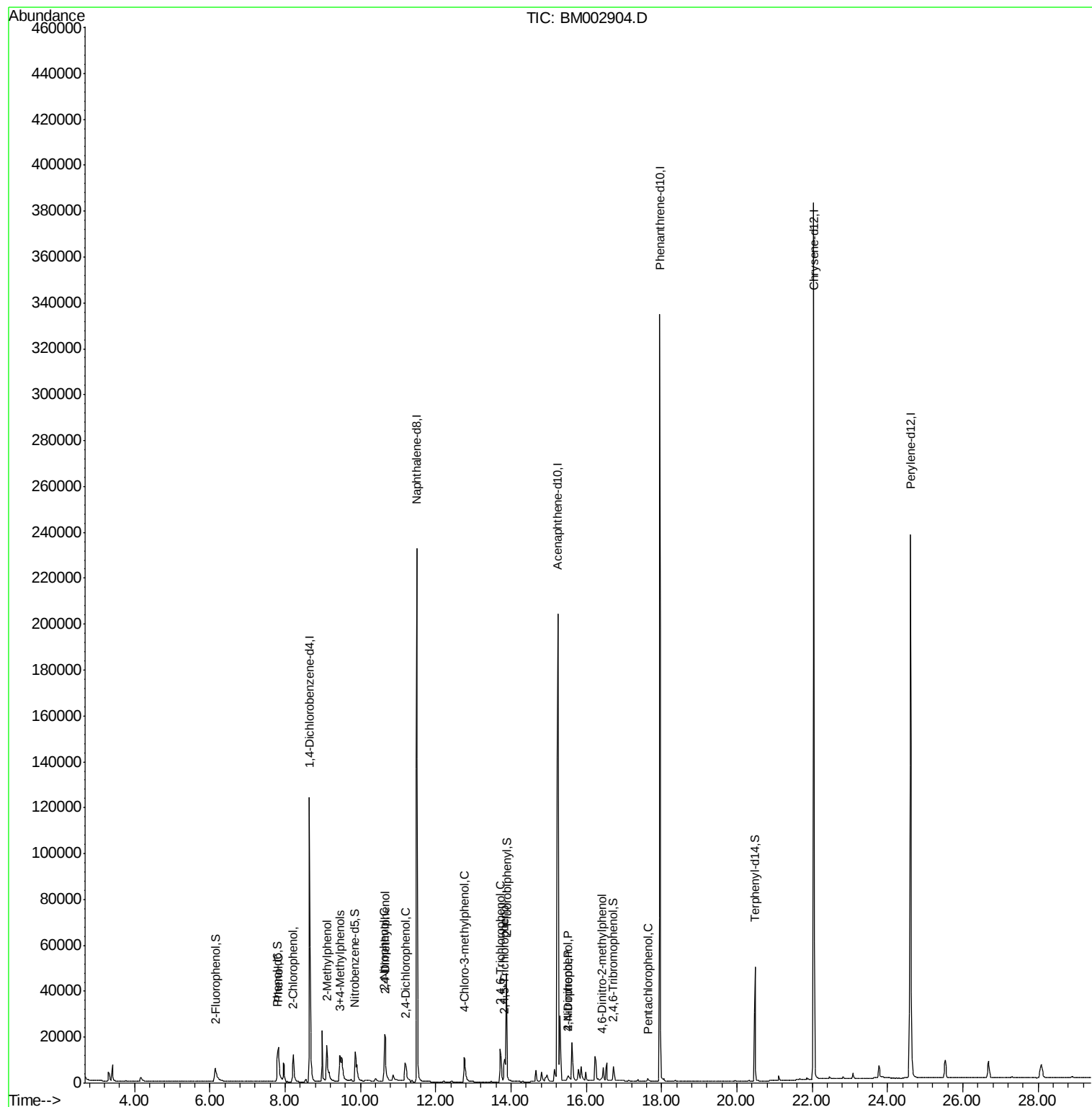
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
Data File : BM002904.D
Acq On : 14 Oct 2015 19:28
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

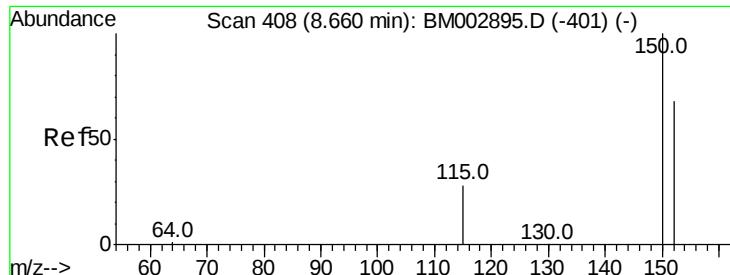
Instrument :
BNA_M
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QLast Update : Thu Oct 15 01:02:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.66 min Scan# 408

Delta R.T. 0.01 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

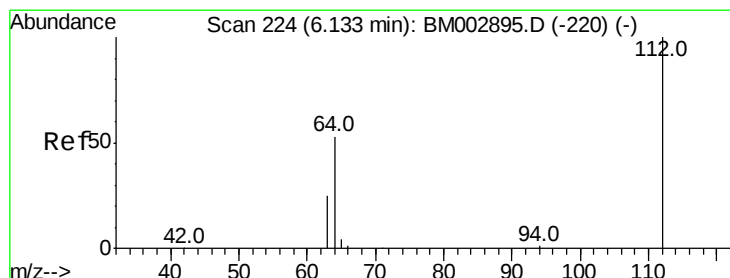
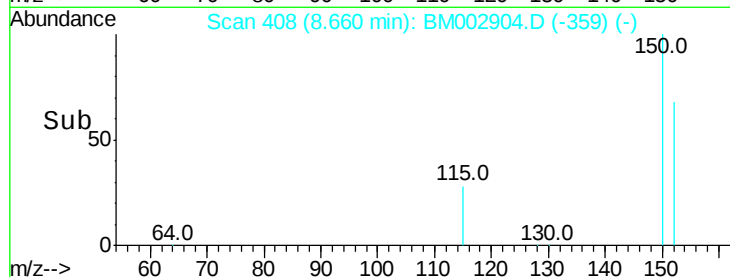
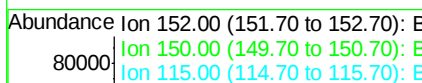
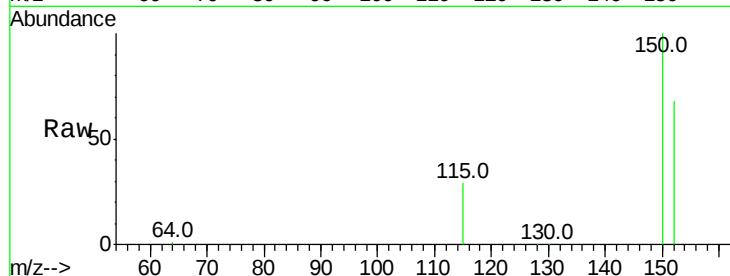
ClientSampleId :

SSTDCCC001EC

Manual Integrations
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Tot Ion	152	Resp:	83235
Ion	Ratio	Lower	Upper
152	100		
150	147.9	116.3	174.5
115	42.3	31.9	47.9



#2

2-Fluorophenol

Concen: 0.92 ng m

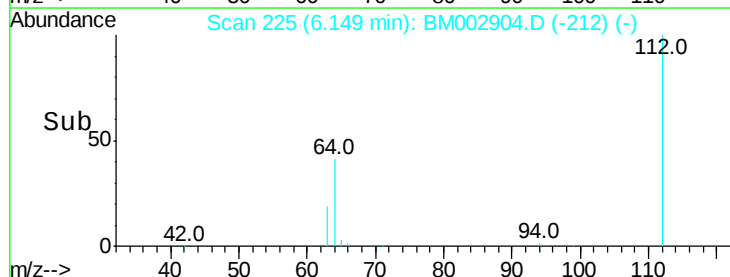
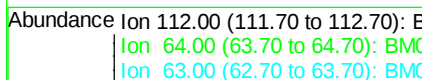
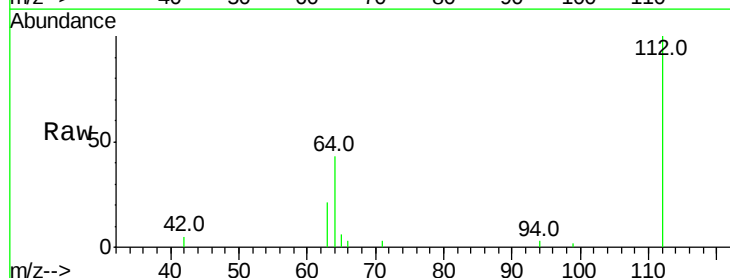
RT: 6.15 min Scan# 225

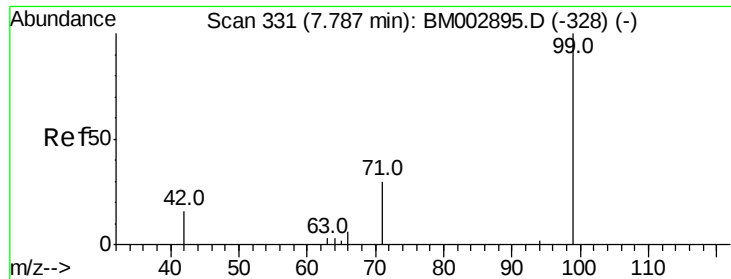
Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Tgt Ion	112	Resp:	14740
Ion	Ratio	Lower	Upper
112	100		
64	42.5	49.3	73.9#
63	20.5	26.2	39.4#





#3

Phenol-d6

Concen: 0.87 ng

RT: 7.80 min Scan# 332

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tot Ion: 99 Resp: 19778

Ion Ratio Lower Upper

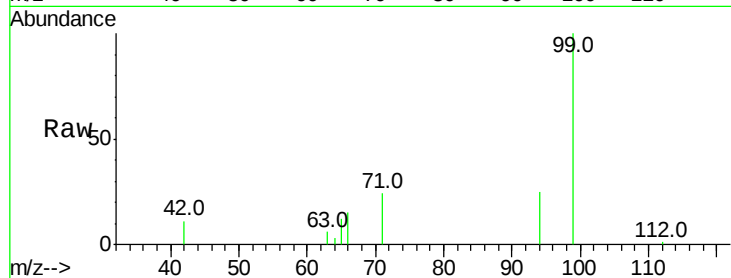
99 100

42 10.6 12.1 18.1#

71 23.9 26.4 39.6#

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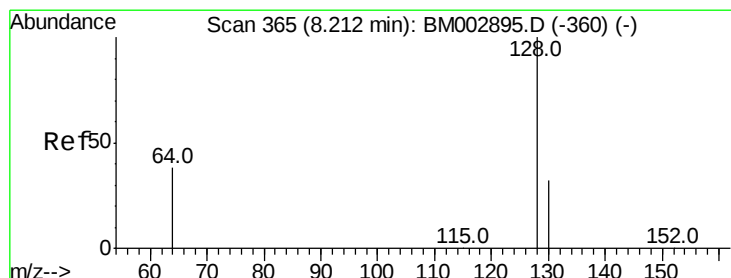
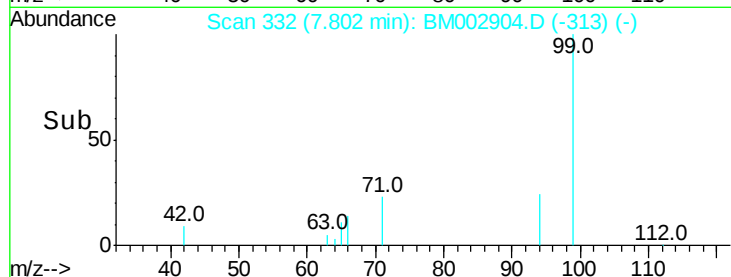
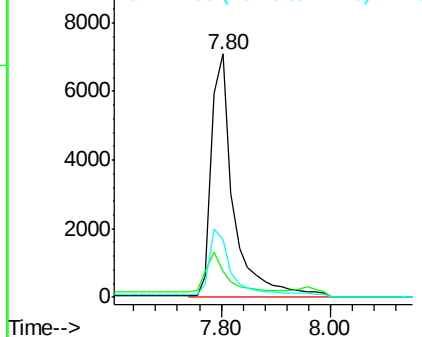
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Abundance Ion 99.00 (98.70 to 99.70): BM002895.D (-328) (-)

Ion 42.00 (41.70 to 42.70): BM002895.D (-328) (-)

Ion 71.00 (70.70 to 71.70): BM002895.D (-328) (-)



#4

2-Chlorophenol

Concen: 0.89 ng

RT: 8.21 min Scan# 365

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

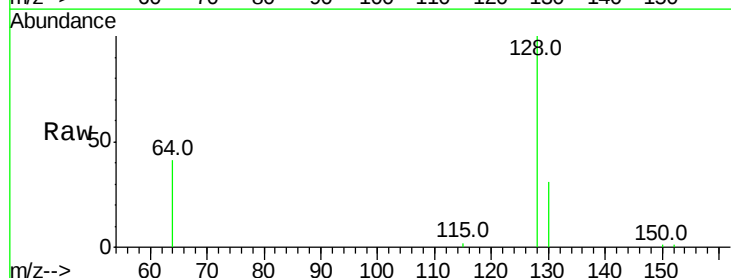
Tgt Ion: 128 Resp: 18856

Ion Ratio Lower Upper

128 100

130 31.4 22.2 62.2

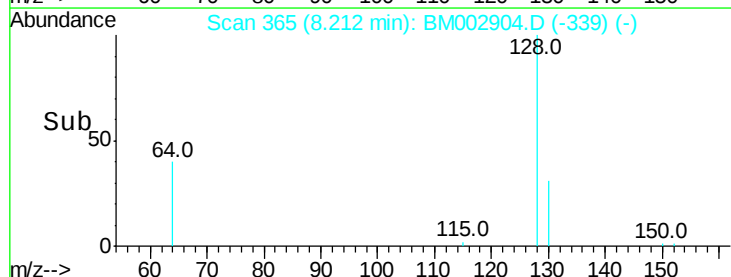
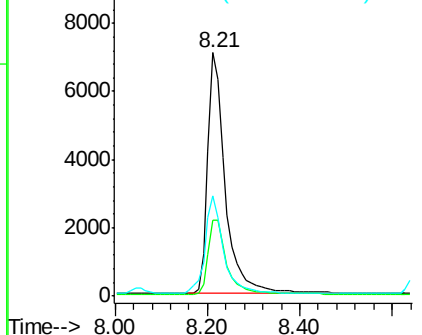
64 41.3 0.0 28.7#

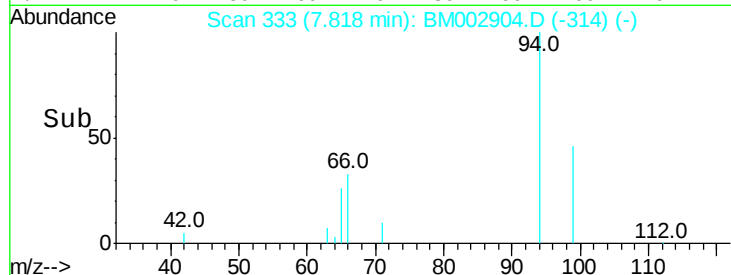
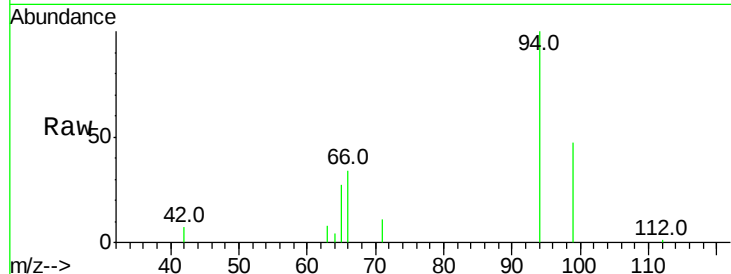
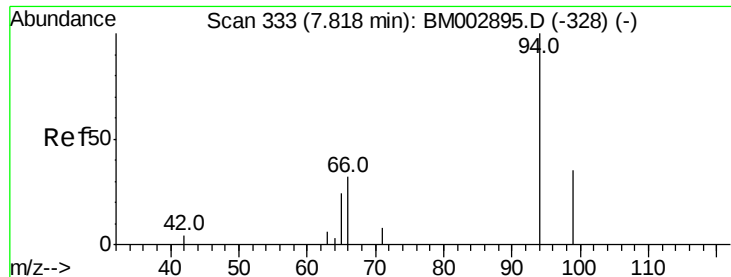


Abundance Ion 128.00 (127.70 to 128.70): BM002895.D (-360) (-)

Ion 130.00 (129.70 to 130.70): BM002895.D (-360) (-)

Ion 64.00 (63.70 to 64.70): BM002895.D (-360) (-)





#5

Phenol

Concen: 0.90 ng

RT: 7.82 min Scan# 333

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Tot Ion:	94	Resp:	20277
Ion Ratio	Lower	Upper	
94	100		
65	26.6	0.0	37.7
66	34.2	6.3	46.3

Instrument :

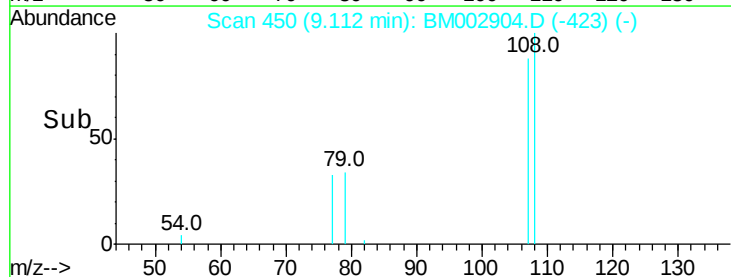
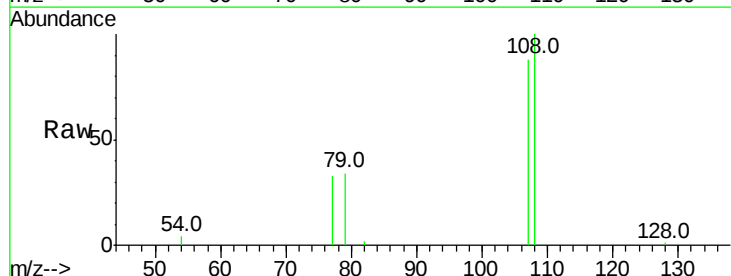
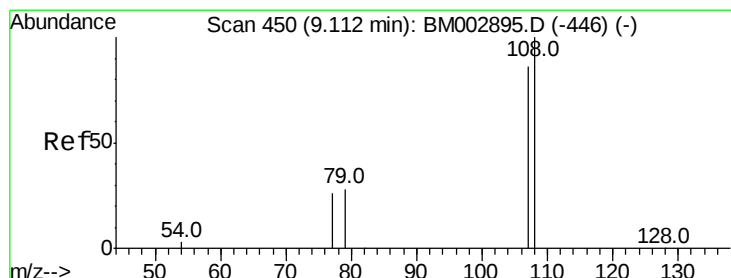
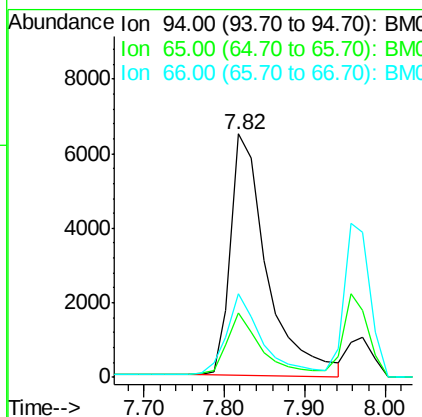
BNA_M

ClientSampleId :

SSTDCCC001EC

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#6

2-Methylphenol

Concen: 0.90 ng

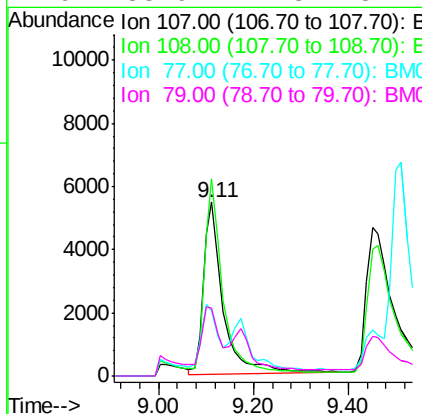
RT: 9.11 min Scan# 450

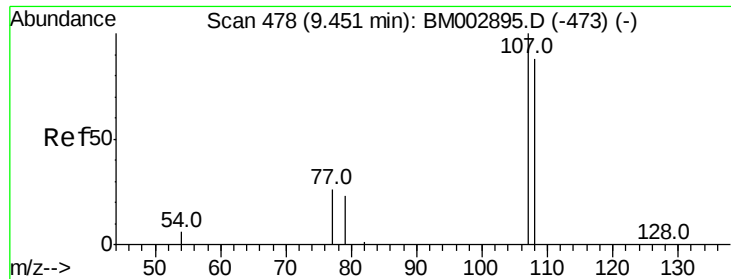
Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Tgt Ion:	107	Resp:	15489
Ion Ratio	Lower	Upper	
107	100		
108	113.5	100.9	151.3
77	37.4	20.3	30.5#
79	38.9	22.8	34.2#





#7

3+4-Methylphenols

Concen: 0.88 ng

RT: 9.45 min Scan# 478

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tot Ion:107 Resp: 18794

Ion Ratio Lower Upper

107 100

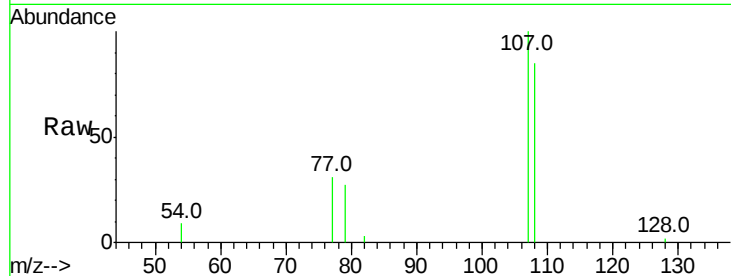
108 84.8 86.3 126.3#

77 31.1 151.7 191.7#

79 26.5 7.4 47.4

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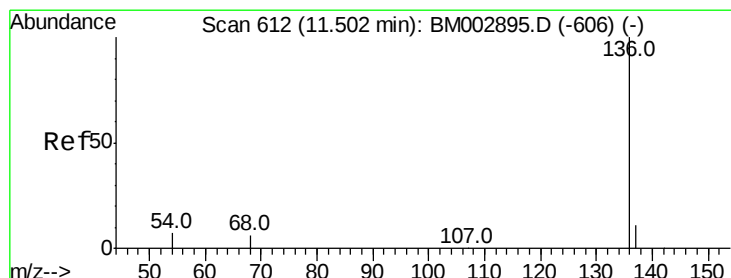
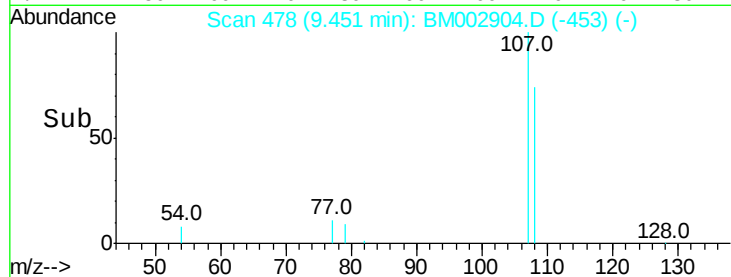
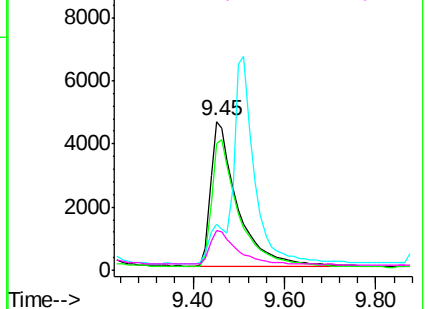
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.50 min Scan# 612

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Tgt Ion:136 Resp: 345451

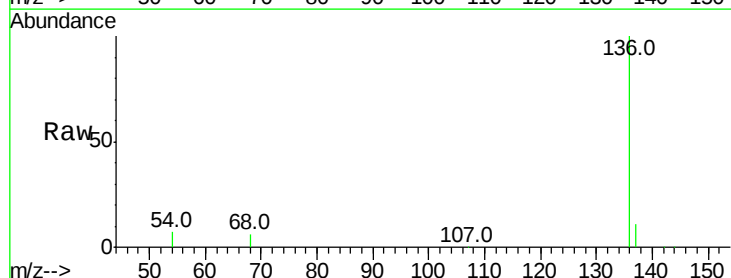
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 7.1 2.6 3.8#

68 6.1 2.2 3.2#



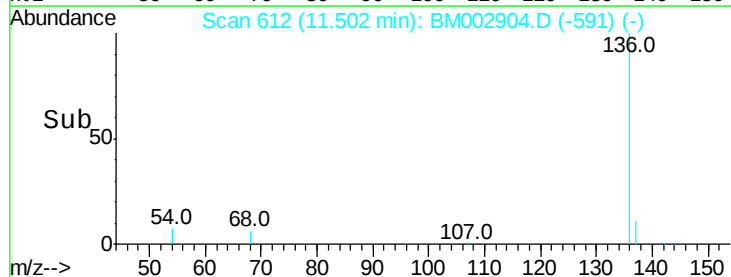
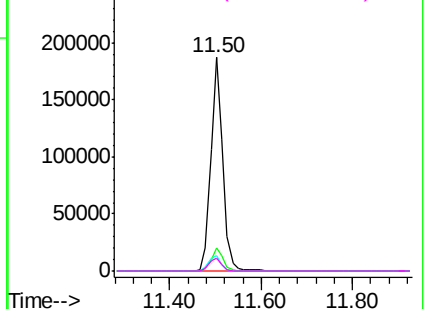
Abundance

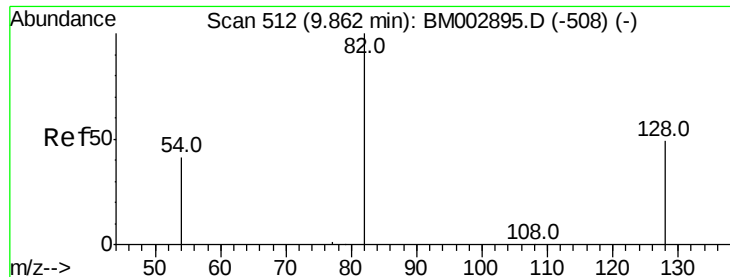
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM





#9

Nitrobenzene-d5

Concen: 0.93 ng

RT: 9.86 min Scan# 512

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

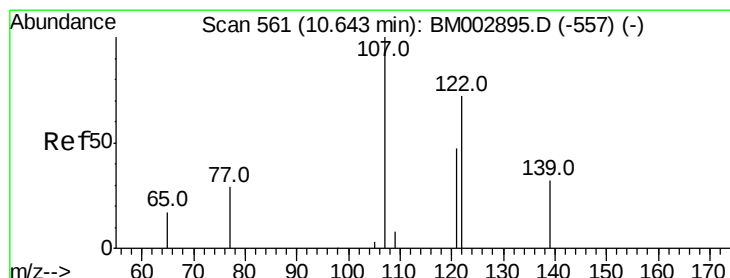
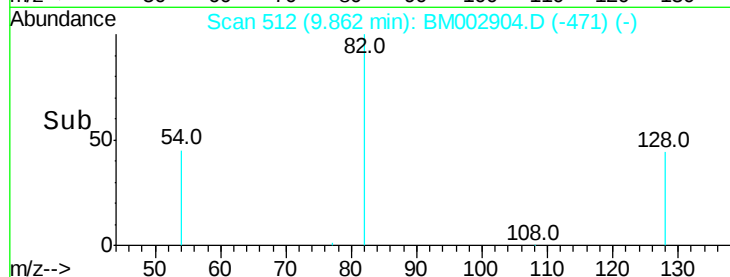
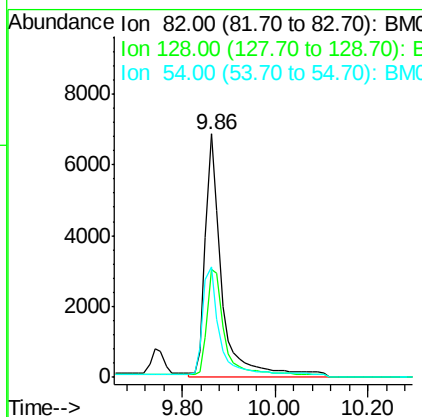
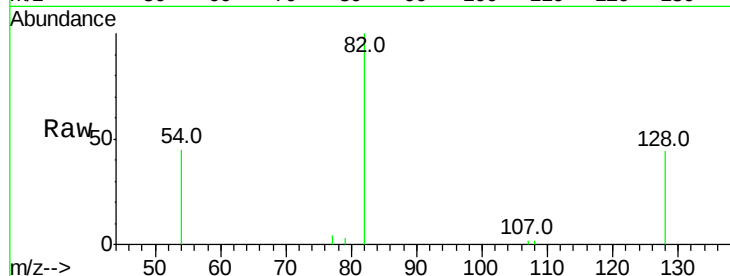
ClientSampleId :

SSTDCCC001EC

Manual Integrations
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Tot Ion	82	Resp	17625
Ion Ratio	Lower	Upper	
82	100		
128	51.1	0.0	0.0#
54	51.9	59.0	88.6#



#10

2-Nitrophenol

Concen: 0.83 ng

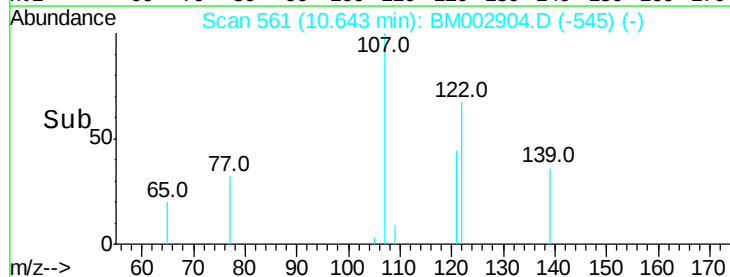
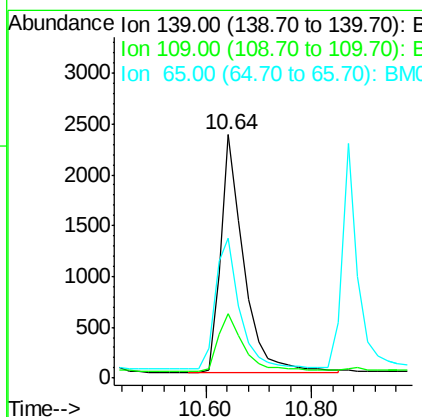
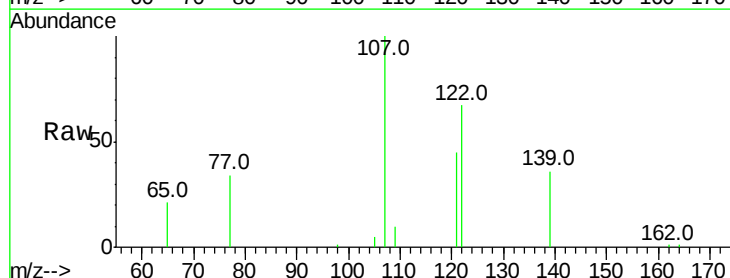
RT: 10.64 min Scan# 561

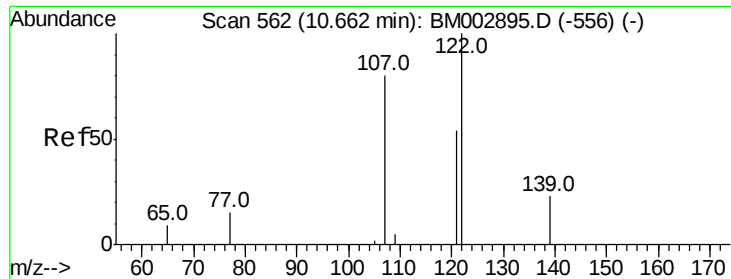
Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Tgt Ion	139	Resp	7172
Ion Ratio	Lower	Upper	
139	100		
109	26.3	19.5	29.3
65	57.4	18.6	28.0#





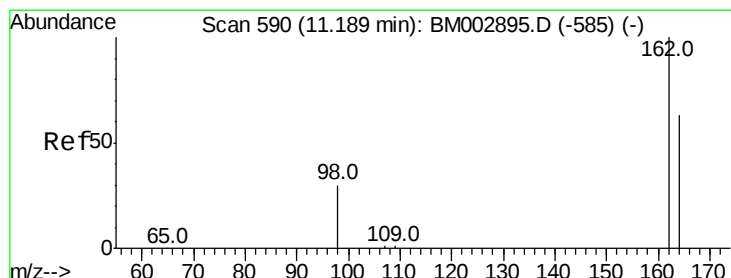
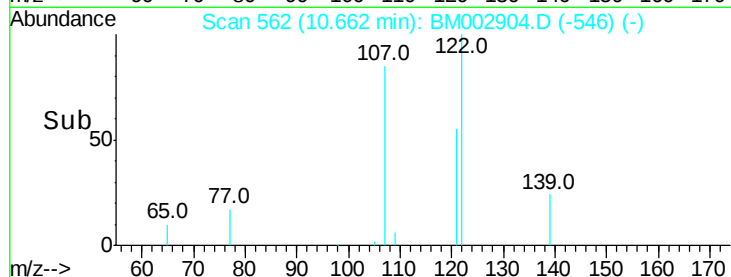
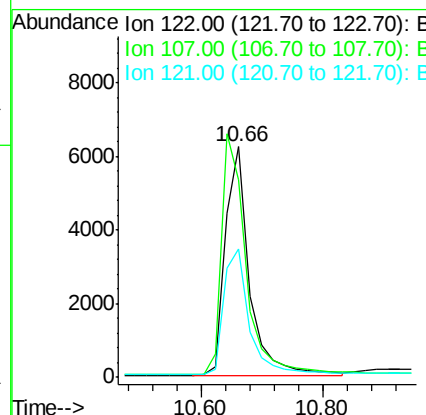
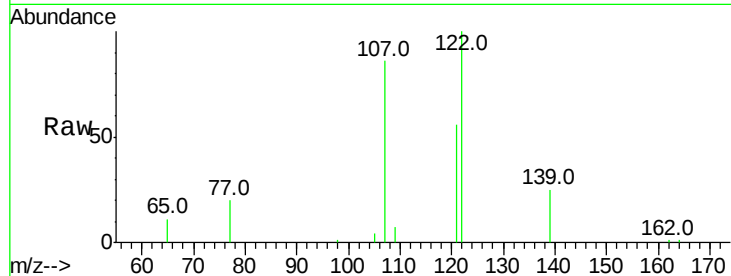
#11
 2,4-Dimethylphenol
 Concen: 0.88 ng
 RT: 10.66 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

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Tot Ion	Ratio	Lower	Upper
122	100		
107	85.8	68.6	102.8
121	55.6	44.8	67.2

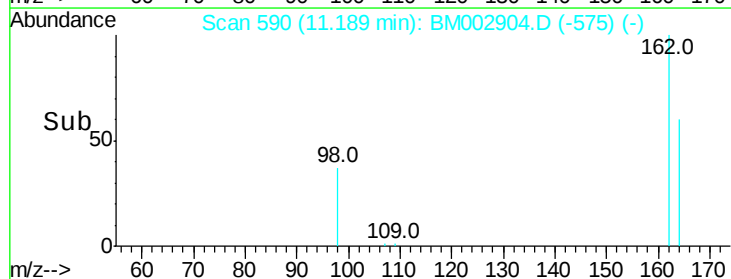
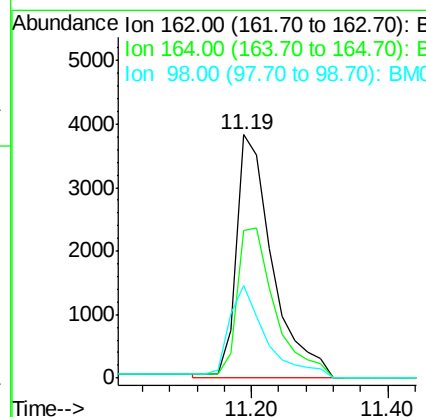
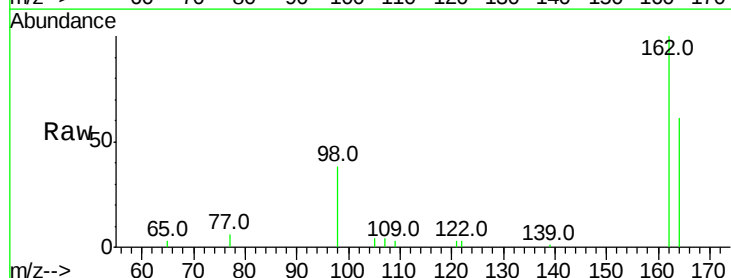
Manual Integrations
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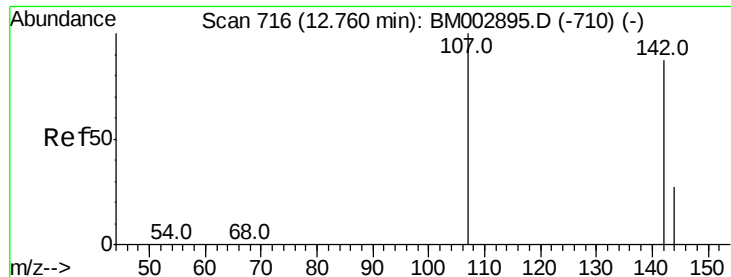
MMdadoda
 10/15/2015 5:29:49 PM



#12
 2,4-Dichlorophenol
 Concen: 0.93 ng
 RT: 11.19 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.5	49.2	89.2
98	37.9	0.0	37.4





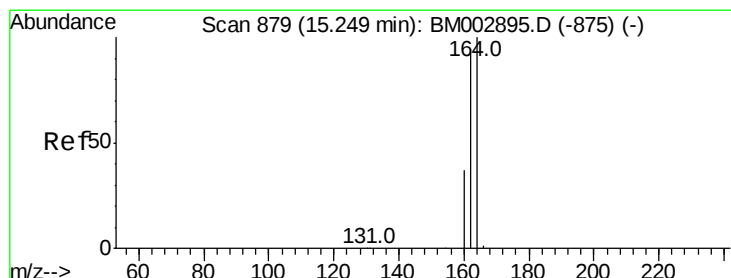
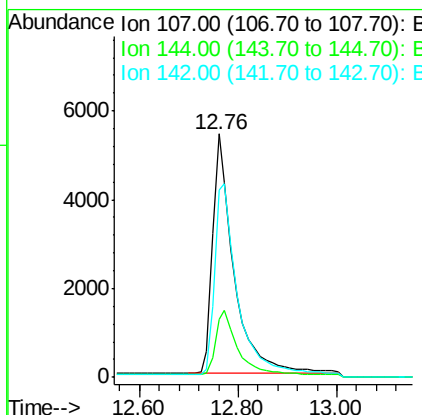
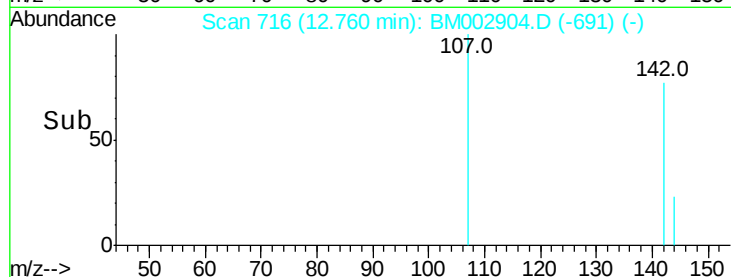
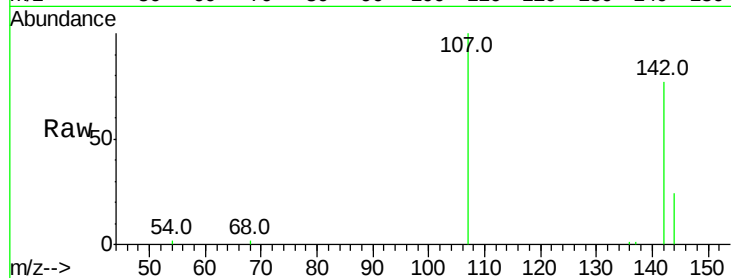
#13
4-Chloro-3-methylphenol
Concen: 0.87 ng
RT: 12.76 min Scan# 716
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Manual Integrations
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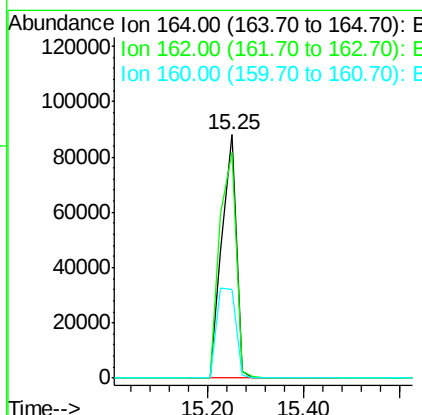
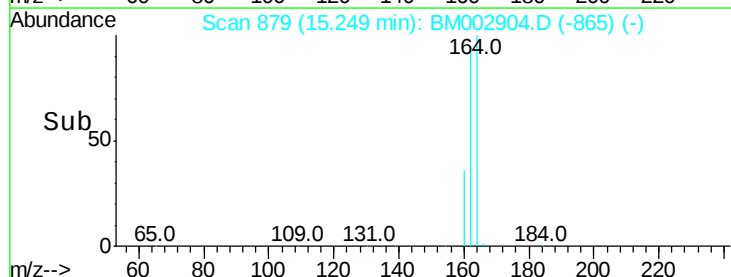
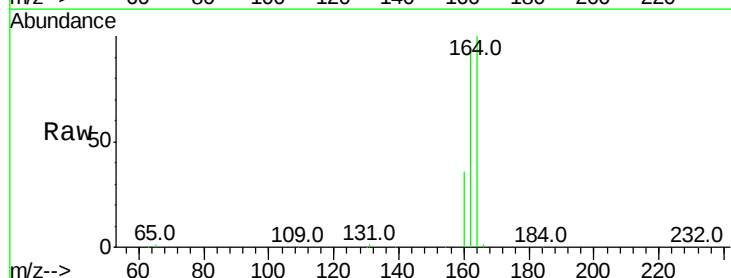
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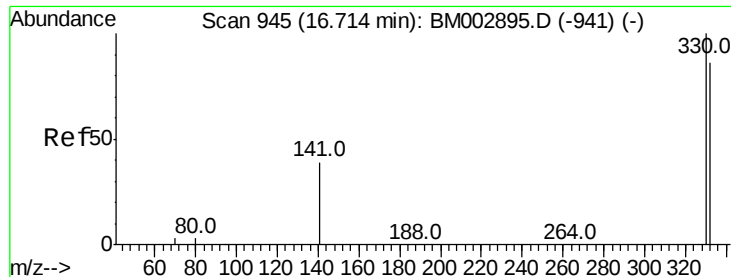
Tot Ion	Ratio	Lower	Upper
107	100		
144	23.9	16.2	24.2
142	76.7	49.8	74.6



#14
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.7	79.2	118.8
160	36.2	33.7	50.5





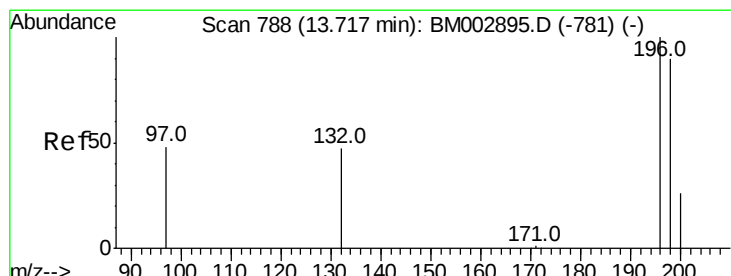
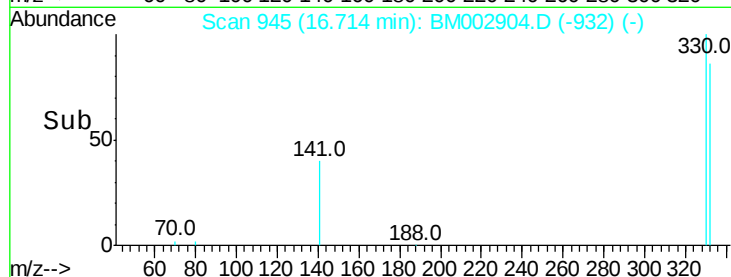
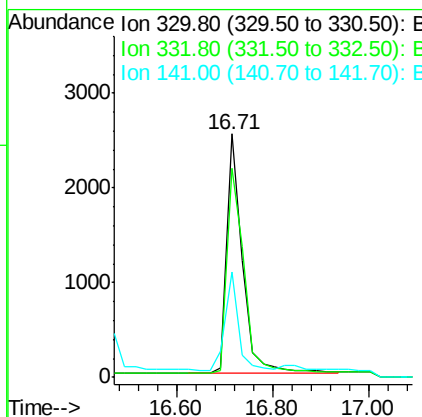
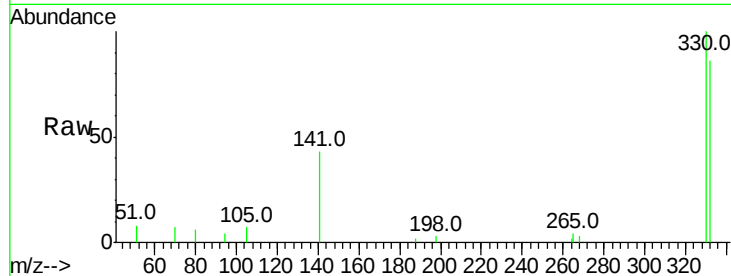
#15
 2,4,6-Tribromophenol
 Concen: 0.85 ng
 RT: 16.71 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	74.0	111.0
141	35.4	24.1	36.1

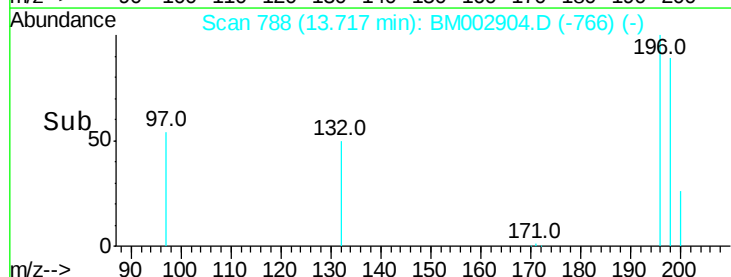
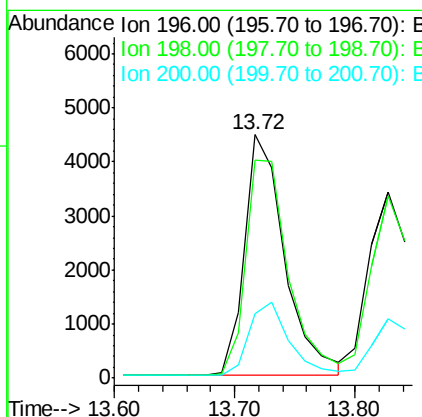
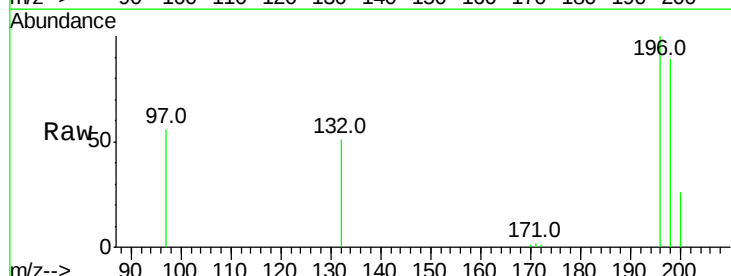
Manual Integrations
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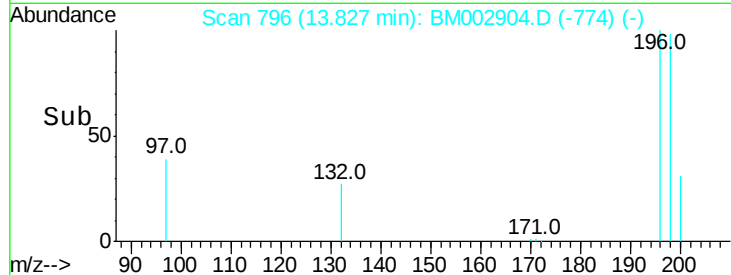
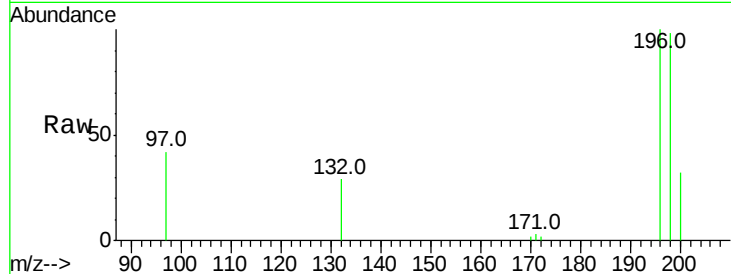
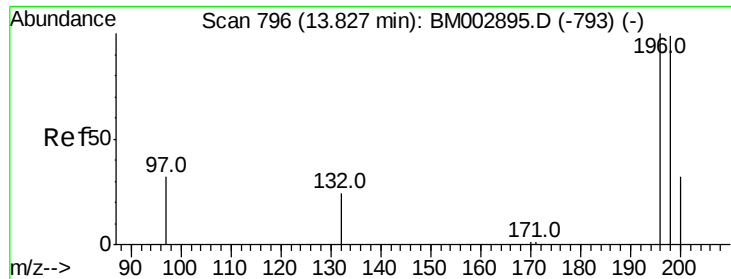
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#16
 2,4,6-Trichlorophenol
 Concen: 0.87 ng
 RT: 13.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.3	54.2	81.2#
200	26.5	17.1	25.7#





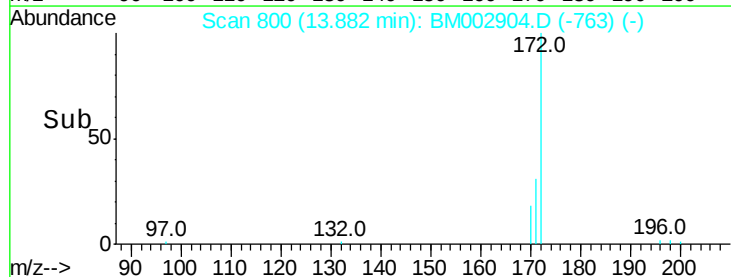
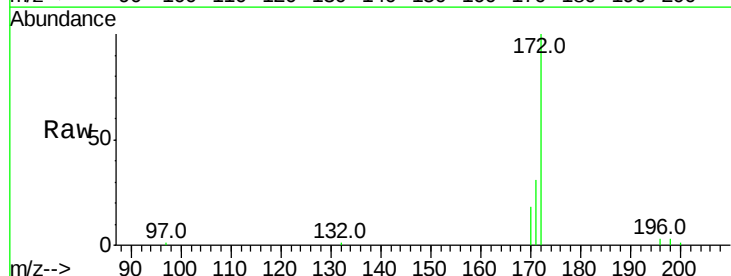
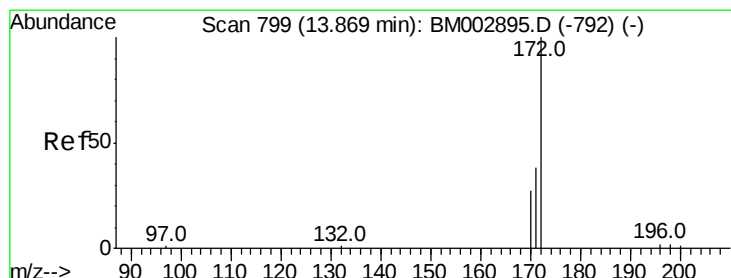
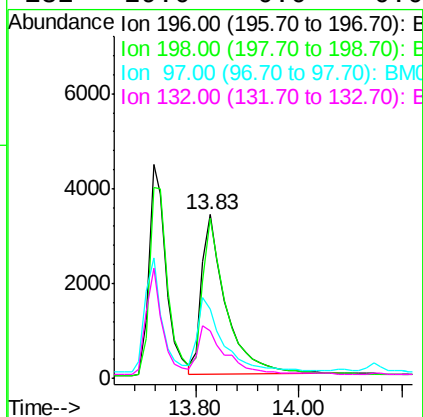
#17
2,4,5-Trichlorophenol
Concen: 0.89 ng
RT: 13.83 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Tot Ion	Ratio	Resp	Lower	Upper
196	100	11206		
198	97.6	73.6	110.4	
97	42.1	0.0	0.0#	
132	29.0	0.0	0.0#	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

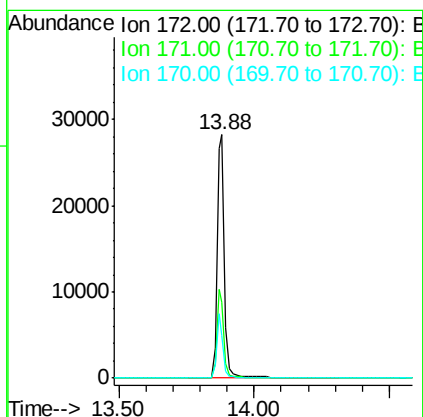
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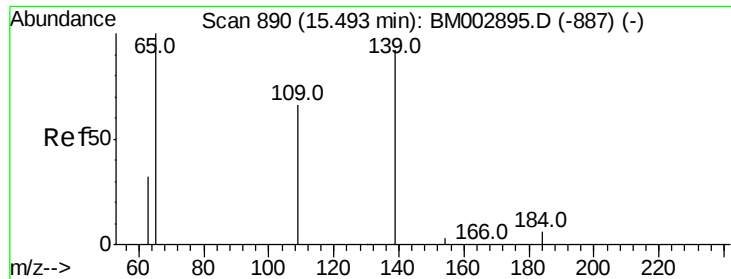
MMdadoda
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#18
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	55416		
171	34.8	0.0	0.0#	
170	22.9	0.0	0.0#	





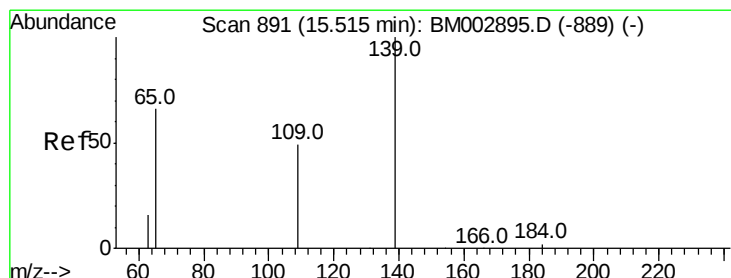
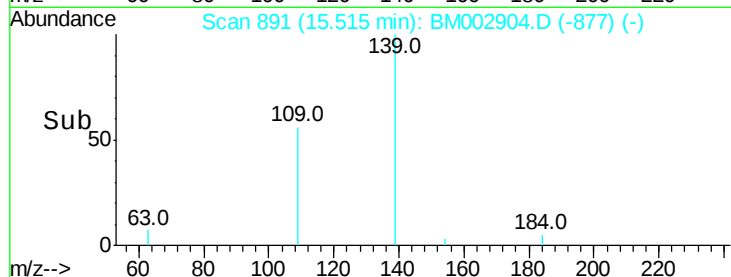
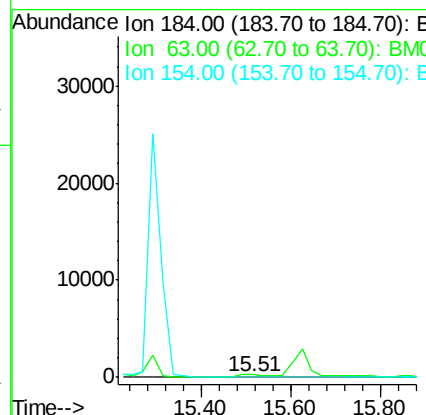
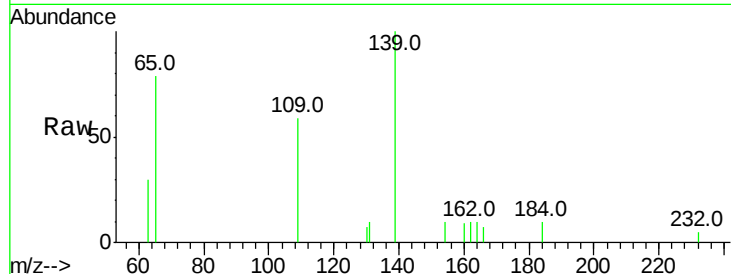
#19
2,4-Dinitrophenol
Concen: 0.90 ng
RT: 15.51 min Scan# 891
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	295.7	52.0	78.0#
154	96.8	51.4	77.2#

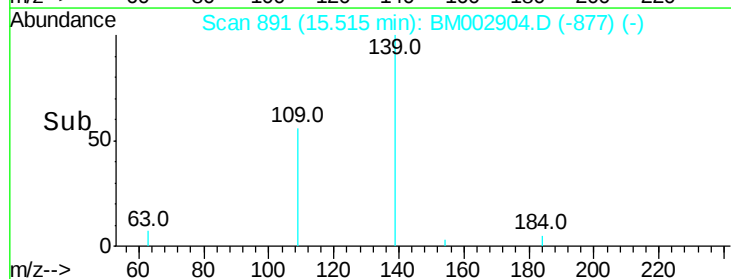
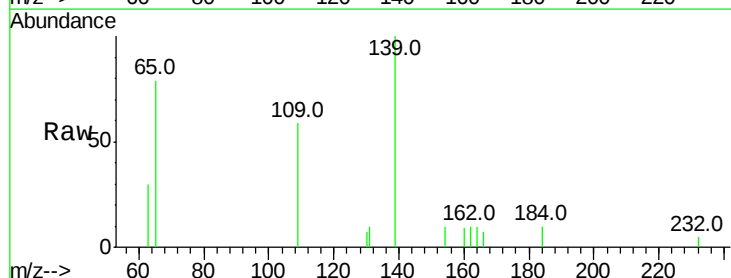
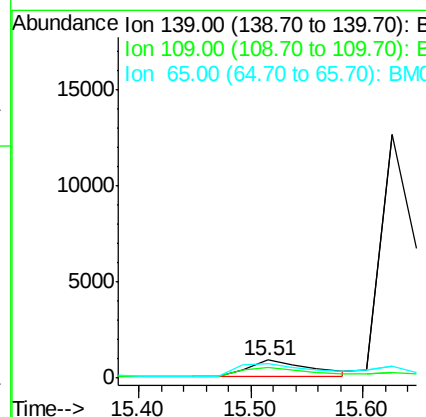
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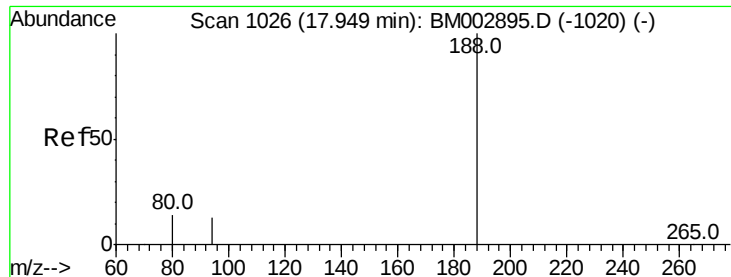
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#20
4-Nitrophenol
Concen: 0.89 ng
RT: 15.51 min Scan# 891
Delta R.T. -0.00 min
Lab File: BM002904.D
Acq: 14 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.1	60.0	100.0#
65	78.7	85.7	125.7#





#21

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Instrument :

BNA_M

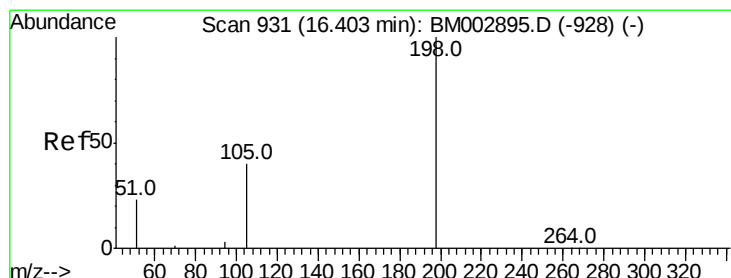
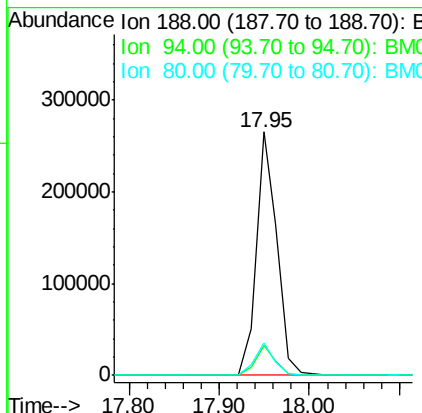
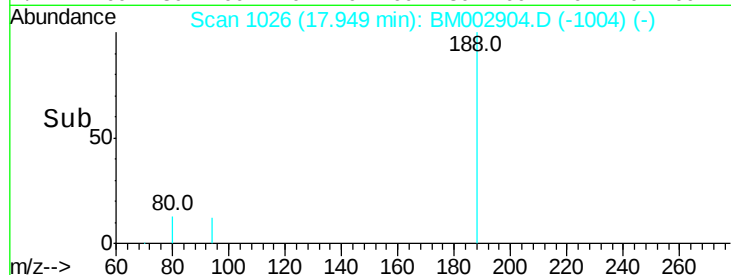
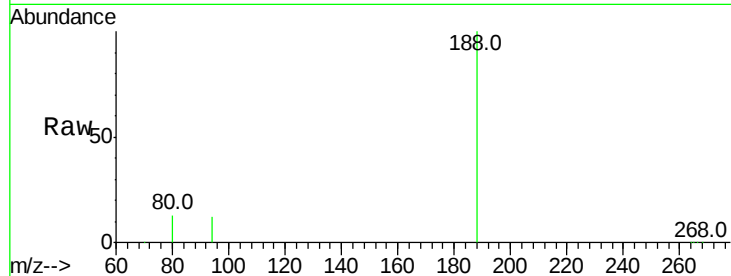
ClientSampleId :

SSTDCCC001EC

Tot Ion:	188	Resp:	420393
Ion Ratio	Lower	Upper	
188	100		
94	12.3	2.9	4.3#
80	13.5	2.5	3.7#

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#22

4,6-Dinitro-2-methylphenol

Concen: 0.85 ng

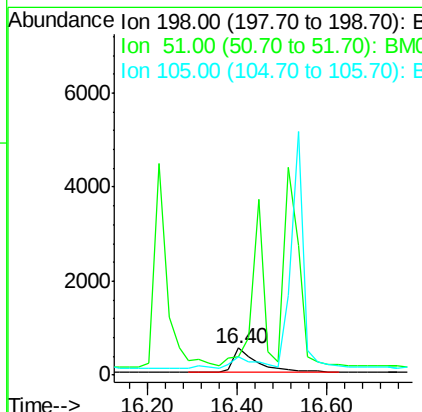
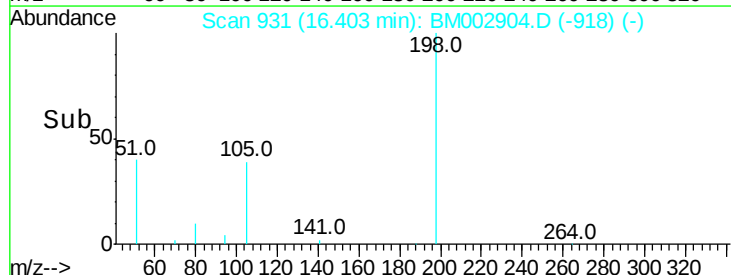
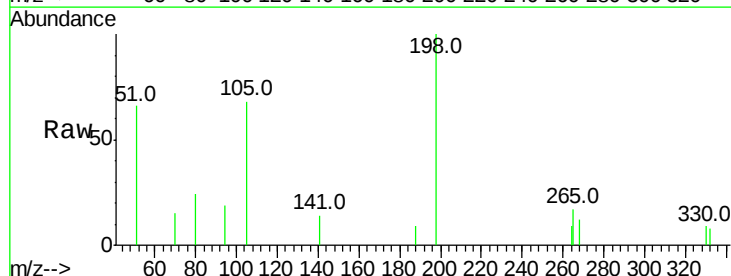
RT: 16.40 min Scan# 931

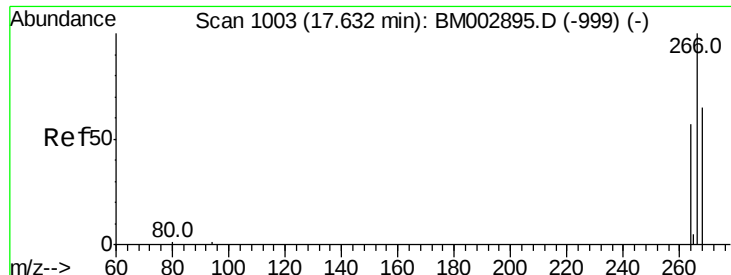
Delta R.T. -0.00 min

Lab File: BM002904.D

Acq: 14 Oct 2015 19:28

Tgt Ion:	198	Resp:	2025
Ion Ratio	Lower	Upper	
198	100		
51	66.5	60.8	100.8
105	68.4	30.0	70.0





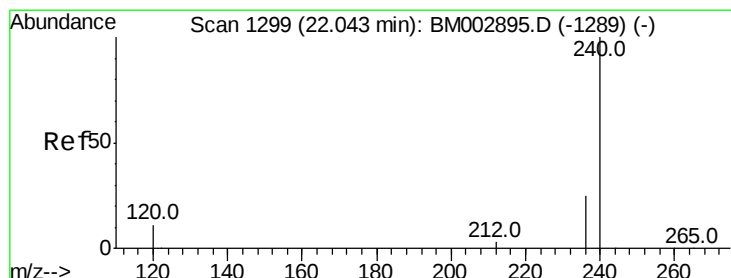
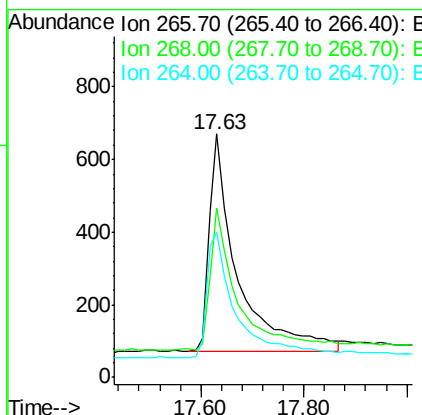
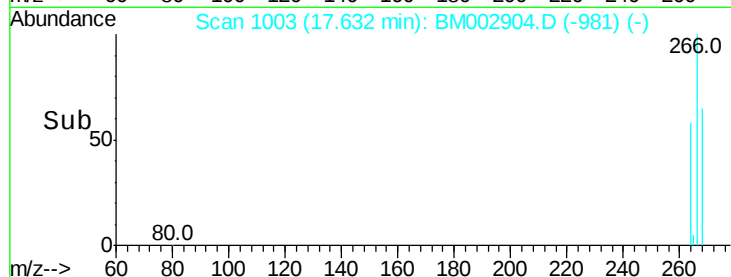
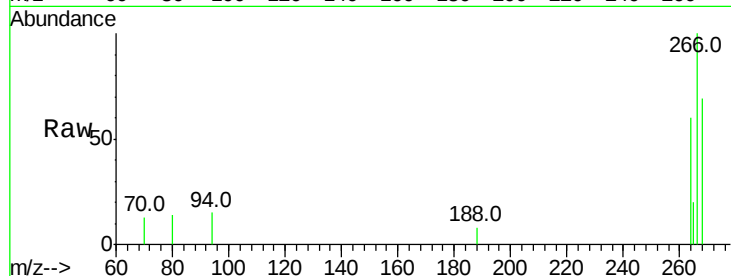
#23
 Pentachlorophenol
 Concen: 1.03 ng
 RT: 17.63 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.3	62.6	94.0
264	59.8	47.9	71.9

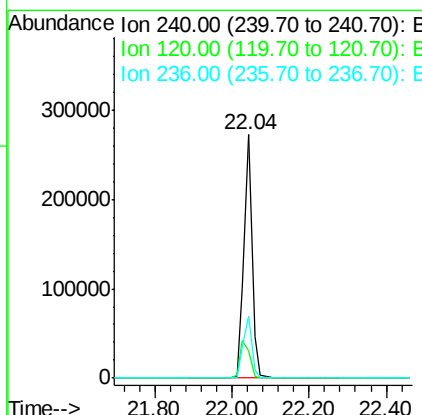
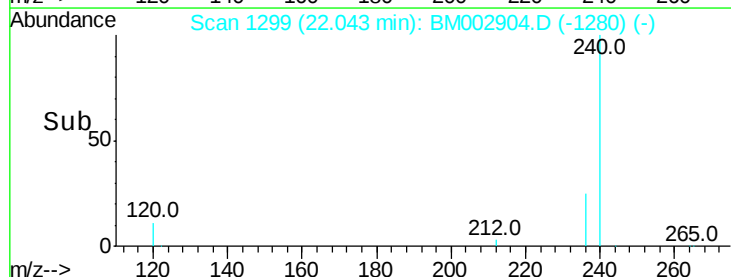
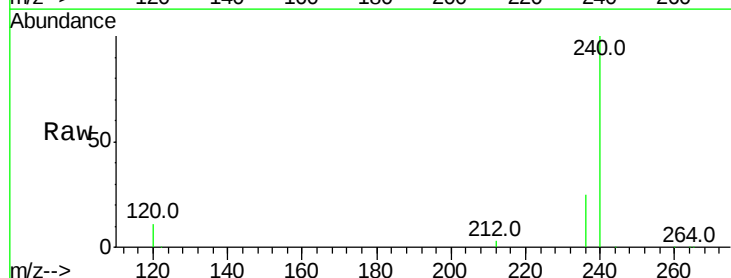
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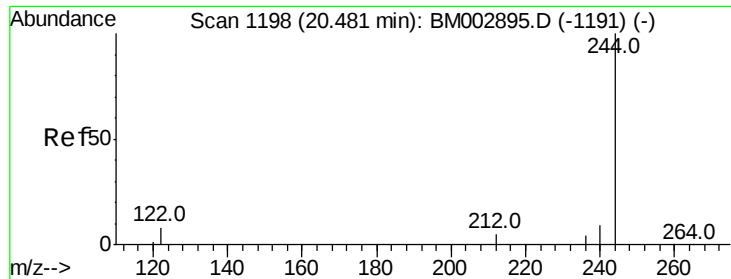
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#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.04 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.4	15.6
236	25.1	22.0	33.0





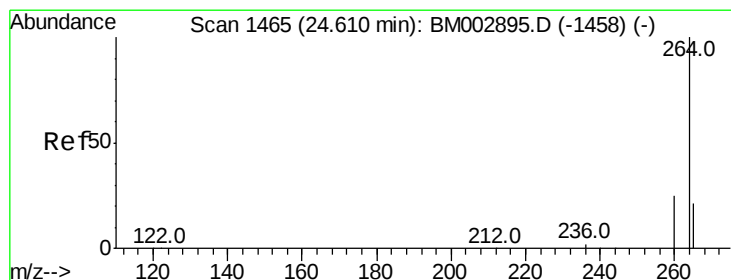
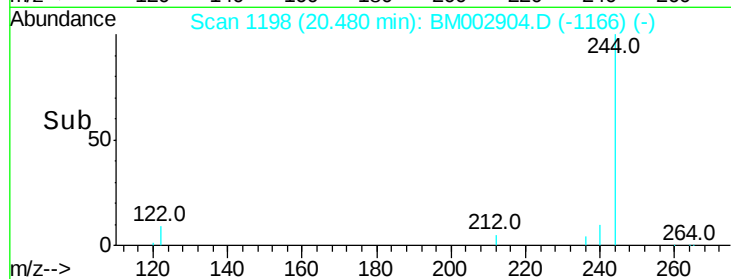
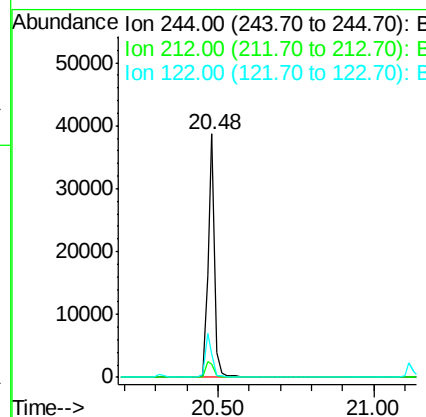
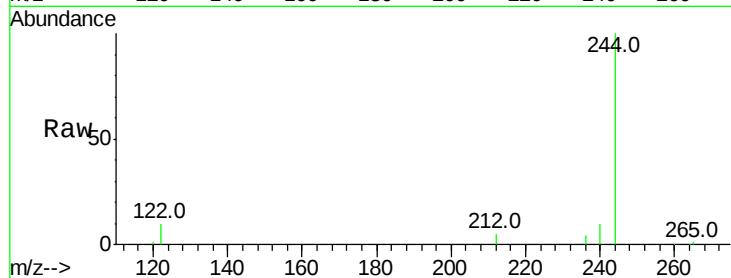
#25
 Terphenyl-d14
 Concen: 0.93 ng
 RT: 20.48 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.3	10.9
122	18.7	14.8	22.2

Manual Integrations
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#26
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.61 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BM002904.D
 Acq: 14 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.7	17.4	26.2

