

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
 Data File : BM002893.D
 Acq On : 13 Oct 2015 19:10
 Operator : UM/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 6:25:55 PM

Quant Time: Oct 14 17:32:53 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:20:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	89530	5.00	ng	0.00
8) Naphthalene-d8	11.50	136	375220	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	203751	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	460181	5.00	ng	0.00
24) Chrysene-d12	22.04	240	422838	5.00	ng	0.00
26) Perylene-d12	24.61	264	397980	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	6.15	112	8414m	0.52	ng	0.02
3) Phenol-d6	7.80	99	11528	0.47	ng	0.02
9) Nitrobenzene-d5	9.87	82	10768	0.46	ng	0.01
15) 2,4,6-Tribromophenol	16.74	330	3217	0.43	ng	0.02
18) 2-Fluorobiphenyl	13.88	172	33095	0.50	ng	0.01
25) Terphenyl-d14	20.48	244	31827	0.49	ng	0.00
Target Compounds						
4) 2-Chlorophenol	8.22	128	10938	0.48	ng	Qvalue 74
5) Phenol	7.83	94	11419	0.44	ng	89
6) 2-Methylphenol	9.11	107	8794	0.48	ng	# 77
7) 3+4-Methylphenols	9.46	107	10625	0.46	ng	# 35
10) 2-Nitrophenol	10.66	139	4279	0.45	ng	# 71
11) 2,4-Dimethylphenol	10.66	122	9646	0.47	ng	92
12) 2,4-Dichlorophenol	11.21	162	7489	0.46	ng	86
13) 4-Chloro-3-methylphenol	12.77	107	9304	0.46	ng	# 74
16) 2,4,6-Trichlorophenol	13.73	196	5922	0.45	ng	# 68
17) 2,4,5-Trichlorophenol	13.84	196	6328	0.45	ng	# 96
19) 2,4-Dinitrophenol	15.56	184	71	0.07	ng	# 1
20) 4-Nitrophenol	15.54	139	1727m	0.05	ng	
22) 4,6-Dinitro-2-methylphenol	16.43	198	1006	0.31	ng	# 24
23) Pentachlorophenol	17.65	266	1014	0.29	ng	95

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

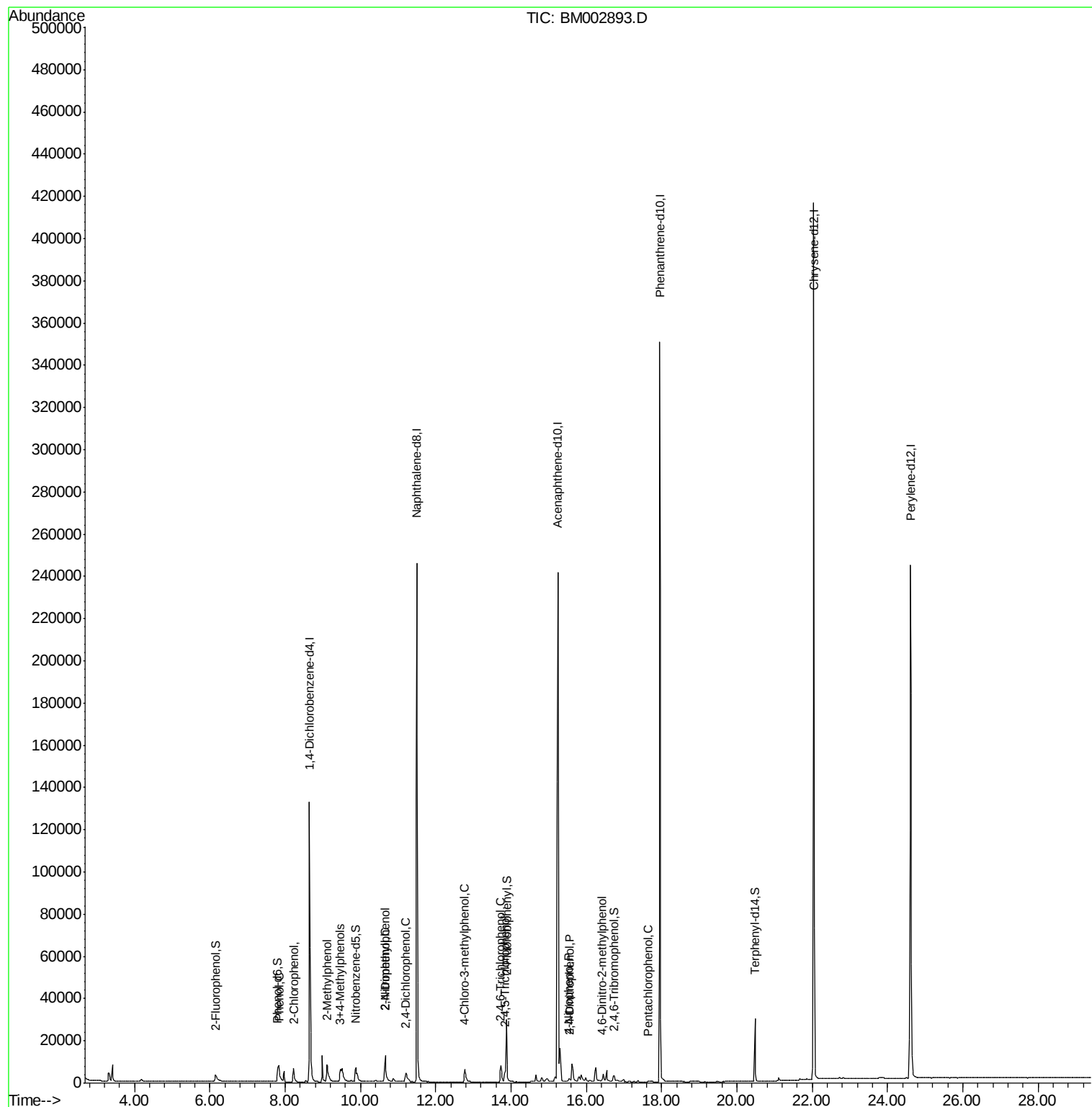
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101315\
Data File : BM002893.D
Acq On : 13 Oct 2015 19:10
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

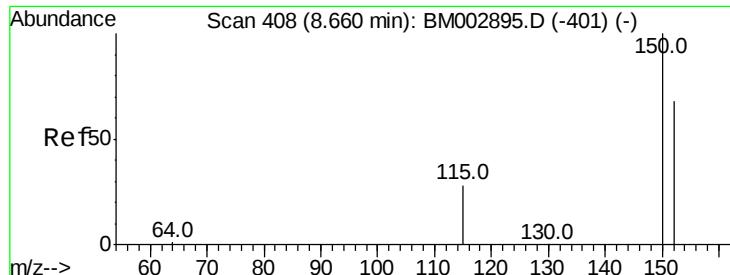
Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations
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Quant Time: Oct 14 17:32:53 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

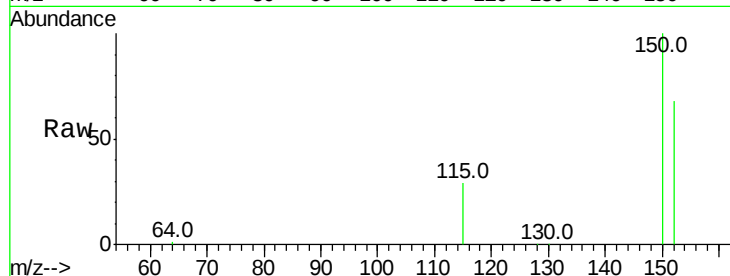
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 408
Delta R.T. 0.00 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	116.3	174.5
115	42.3	31.9	47.9

Manual Integrations
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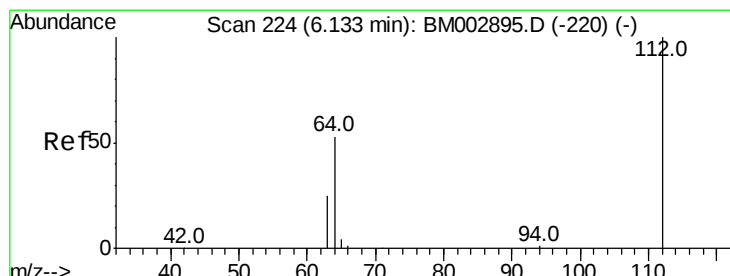
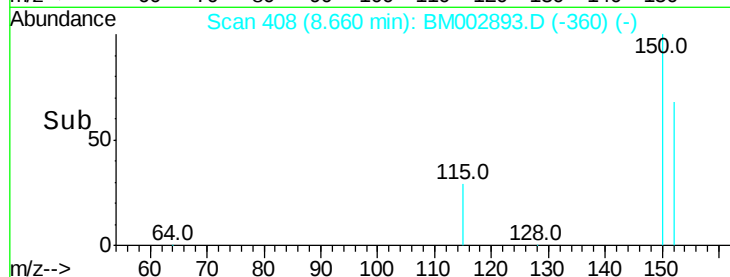
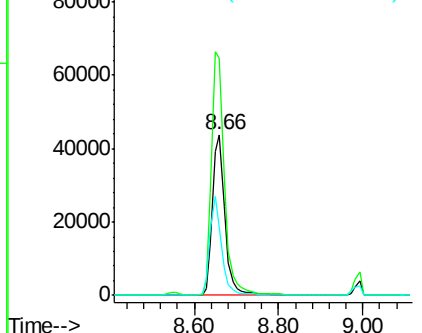


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

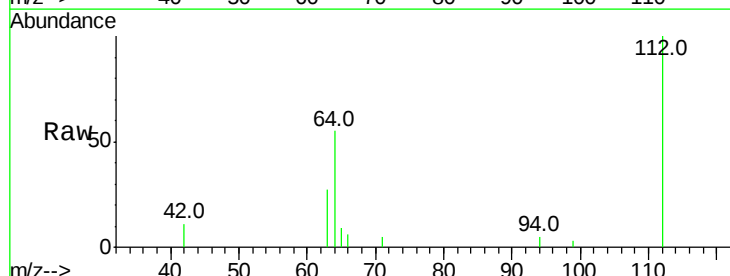
Ion 115.00 (114.70 to 115.70): E



#2

2-Fluorophenol
Concen: 0.52 ng m
RT: 6.15 min Scan# 225
Delta R.T. 0.02 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	49.3	73.9
63	27.5	26.2	39.4

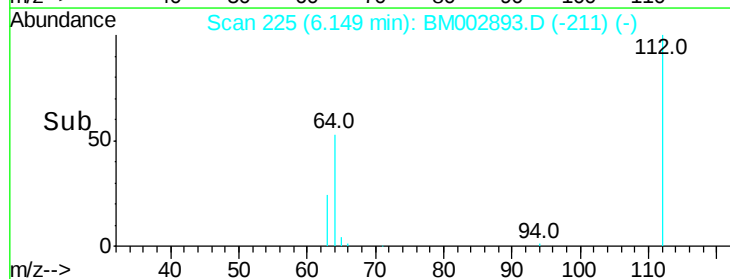
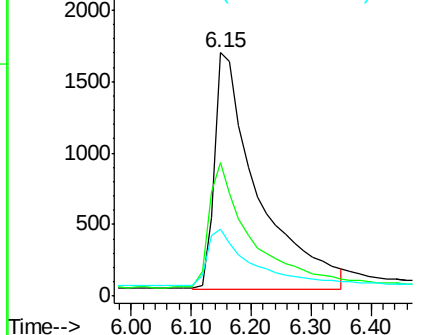


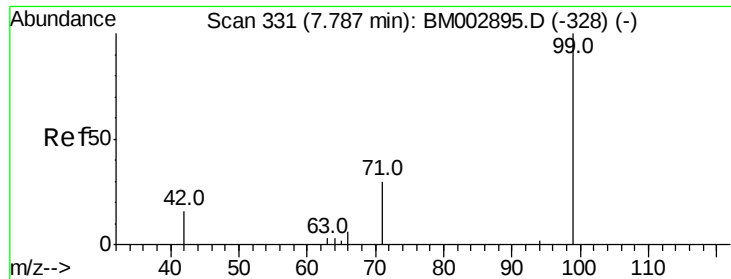
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 0.47 ng

RT: 7.80 min Scan# 332

Delta R.T. 0.02 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Instrument :

BNA_M

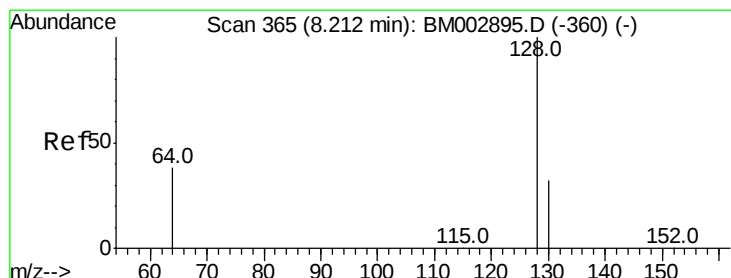
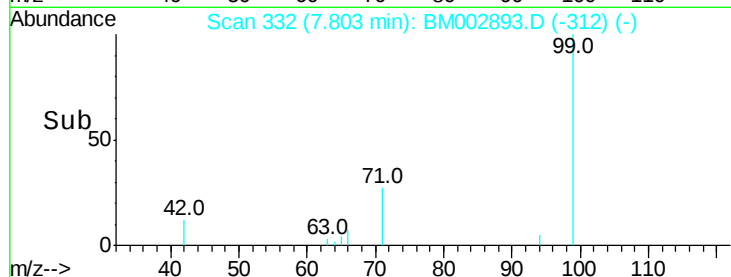
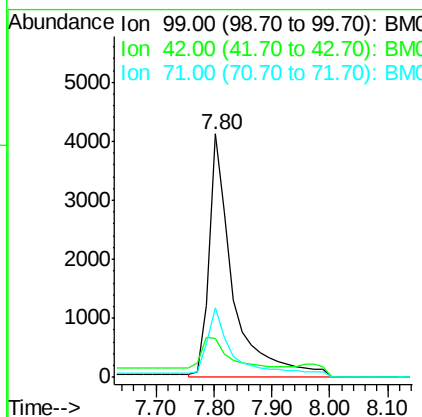
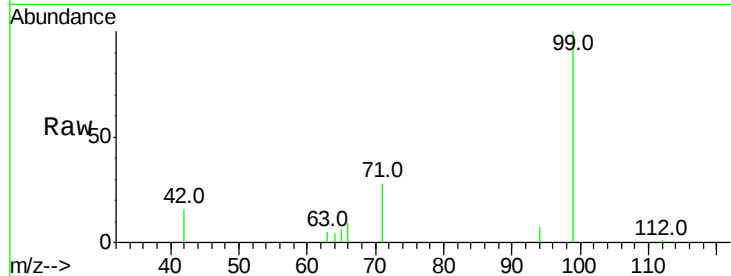
ClientSampleId :

SSTDICC0.5

Tot Ion:	99	Resp:	11528
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.1	18.1
71	28.5	26.4	39.6

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#4

2-Chlorophenol

Concen: 0.48 ng

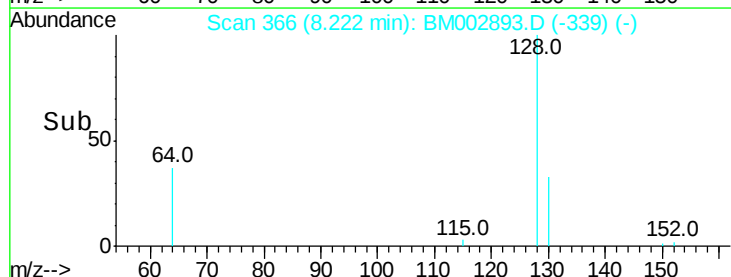
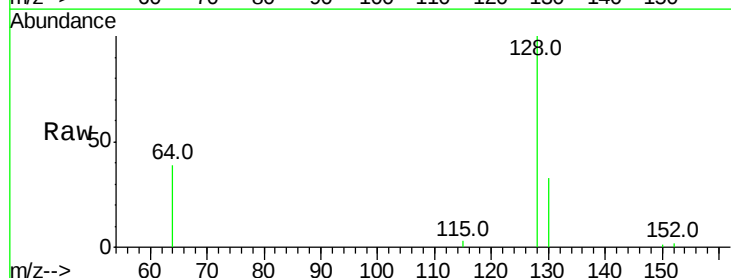
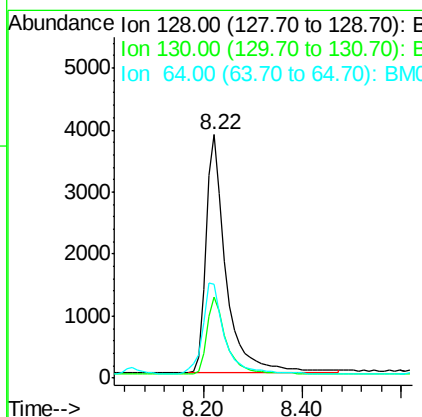
RT: 8.22 min Scan# 366

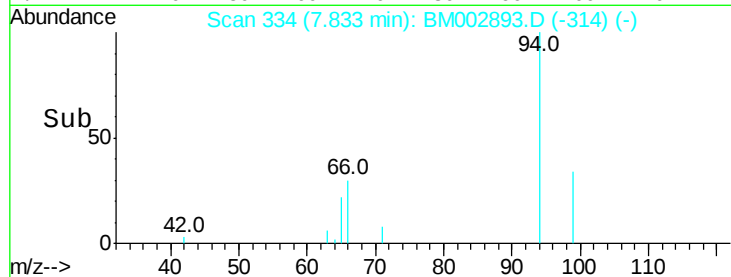
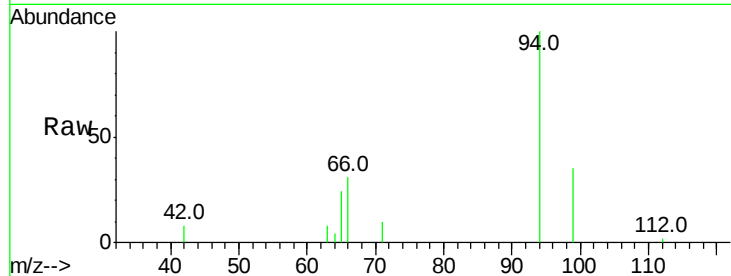
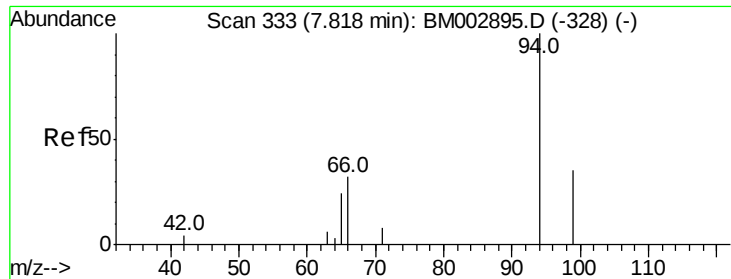
Delta R.T. 0.01 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Tgt Ion:	128	Resp:	10938
Ion Ratio	Lower	Upper	
128	100		
130	33.0	22.2	62.2
64	38.6	0.0	28.7#





#5

Phenol

Concen: 0.44 ng

RT: 7.83 min Scan# 334

Delta R.T. 0.02 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Tot Ion:	94	Resp:	11419
Ion Ratio	Lower	Upper	
94	100		
65	23.9	0.0	37.7
66	31.2	6.3	46.3

Instrument :

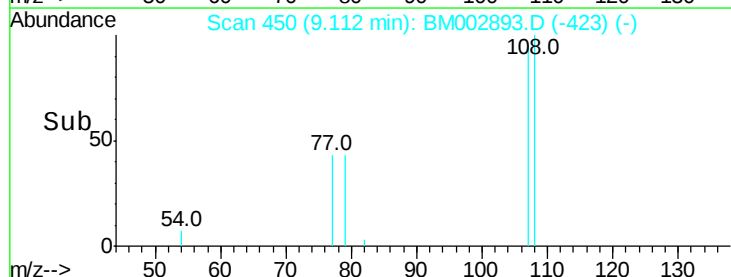
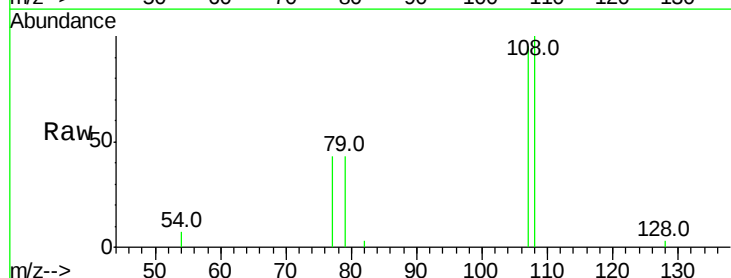
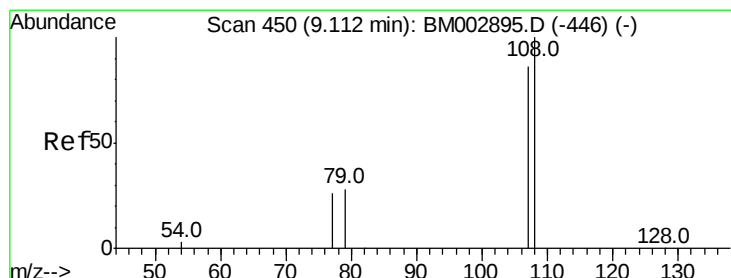
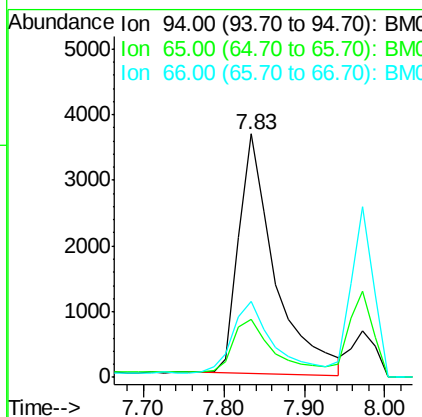
BNA_M

ClientSampleId :

SSTDIC0.5

Manual Integrations
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#6

2-Methylphenol

Concen: 0.48 ng

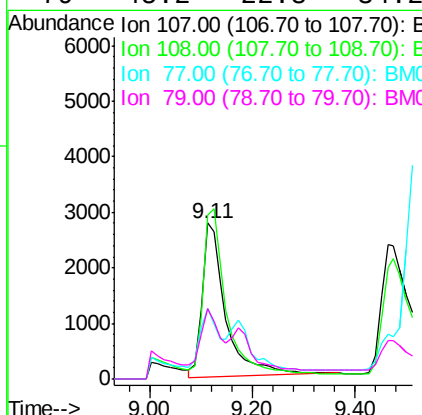
RT: 9.11 min Scan# 450

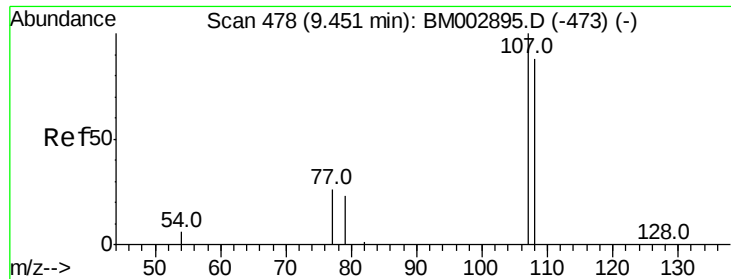
Delta R.T. 0.00 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Tgt Ion:	107	Resp:	8794
Ion Ratio	Lower	Upper	
107	100		
108	105.5	100.9	151.3
77	45.5	20.3	30.5#
79	45.2	22.8	34.2#





#7

3+4-Methylphenols

Concen: 0.46 ng

RT: 9.46 min Scan# 479

Delta R.T. 0.01 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Instrument :

BNA_M

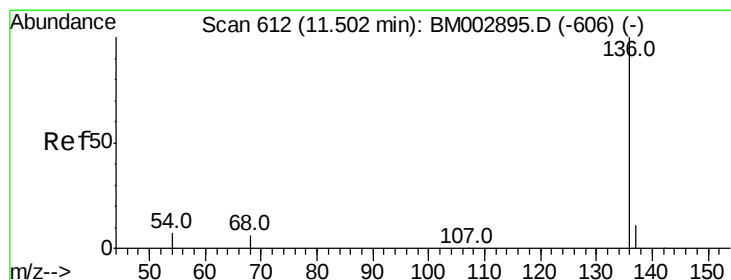
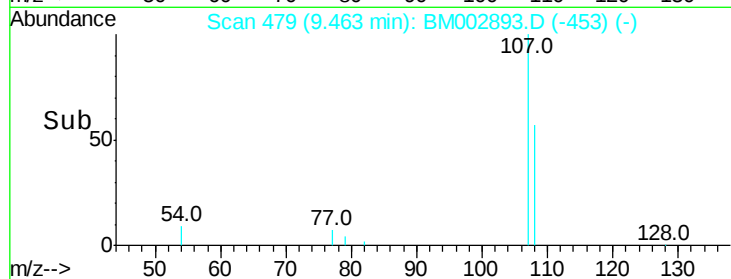
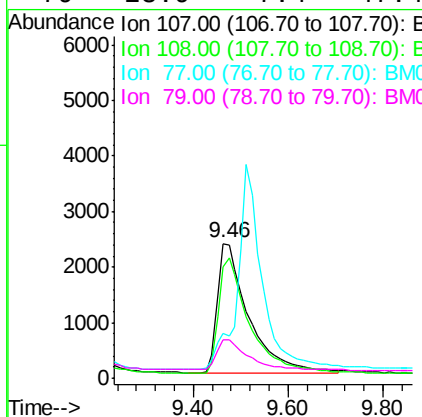
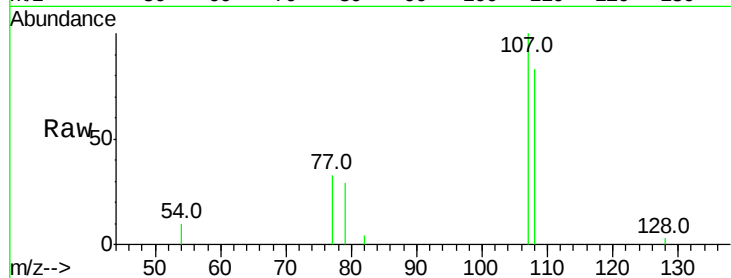
ClientSampleId :

SSTDIC0.5

Tot Ion:	107	Resp:	10625
Ion Ratio	Lower	Upper	
107	100		
108	83.0	86.3	126.3#
77	33.2	151.7	191.7#
79	28.9	7.4	47.4

Manual Integrations
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#8

Naphthalene-d8

Concen: 5.00 ng

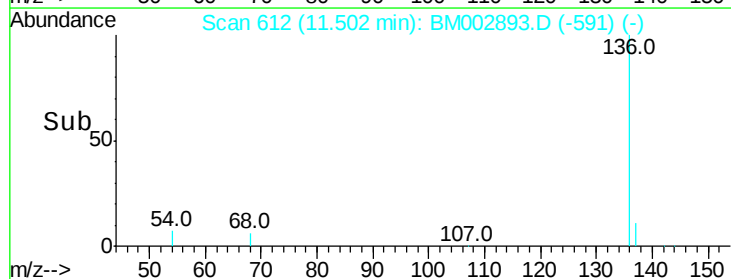
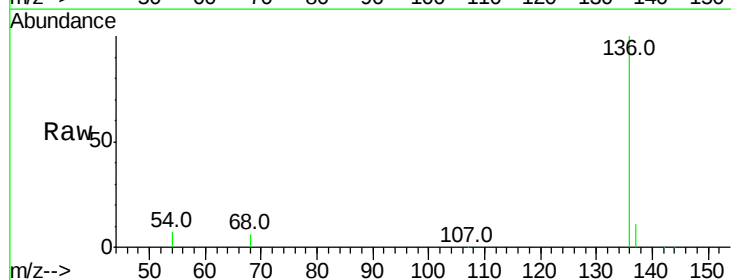
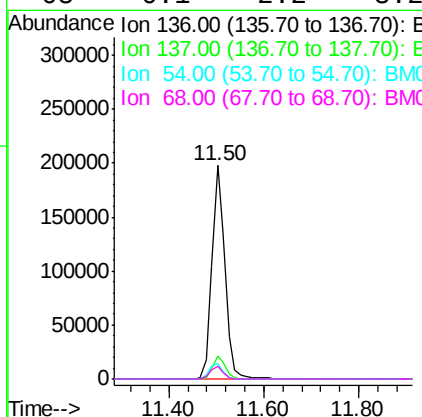
RT: 11.50 min Scan# 612

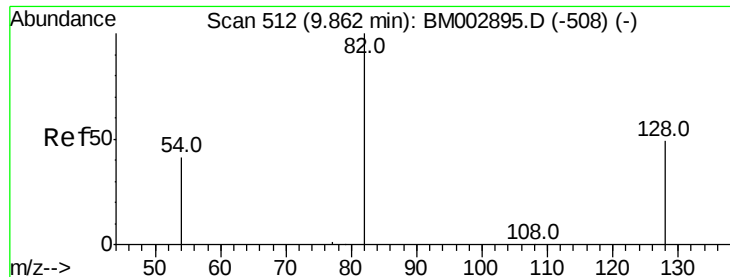
Delta R.T. 0.00 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Tgt Ion:	136	Resp:	375220
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	7.2	2.6	3.8#
68	6.1	2.2	3.2#





#9

Nitrobenzene-d5

Concen: 0.46 ng

RT: 9.87 min Scan# 513

Delta R.T. 0.01 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

Tot Ion: 82 Resp: 10768

Ion Ratio Lower Upper

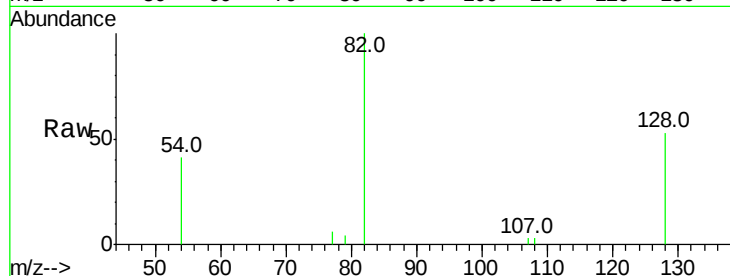
82 100

128 54.3 0.0 0.0#

54 55.7 59.0 88.6#

Manual Integrations
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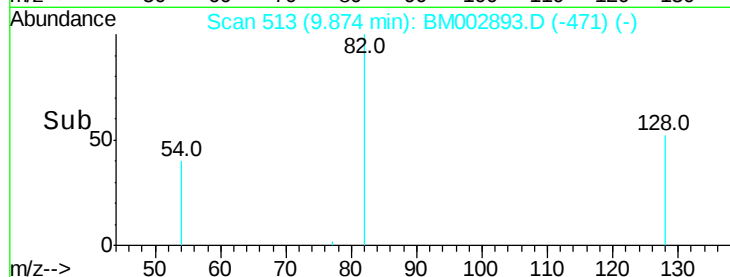


Abundance Ion 82.00 (81.70 to 82.70): BM002893.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BM002893.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BM002893.D (-508) (-)

Time-->



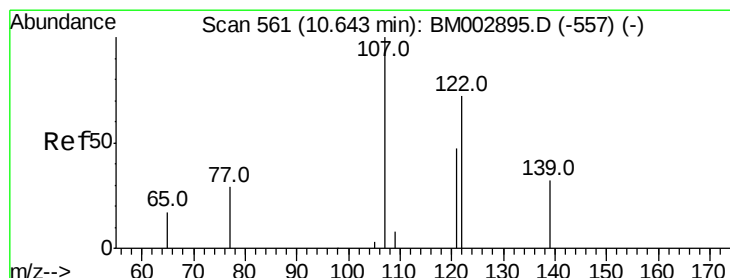
Abundance

Ion 82.00 (81.70 to 82.70): BM002893.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BM002893.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BM002893.D (-508) (-)

Time-->



#10

2-Nitrophenol

Concen: 0.45 ng

RT: 10.66 min Scan# 562

Delta R.T. 0.02 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

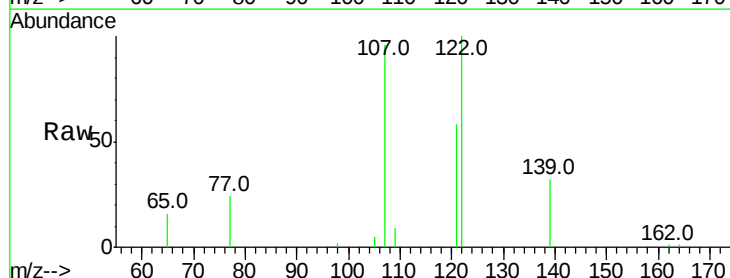
Tgt Ion: 139 Resp: 4279

Ion Ratio Lower Upper

139 100

109 27.5 19.5 29.3

65 49.3 18.6 28.0#

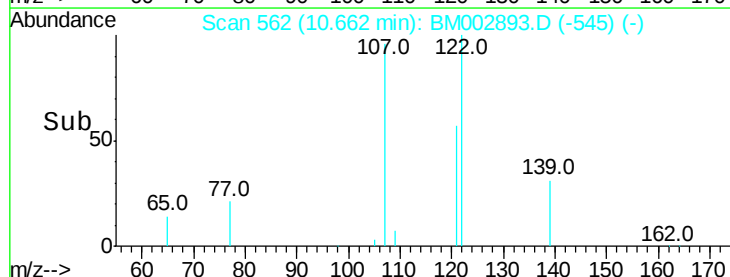


Abundance Ion 139.00 (138.70 to 139.70): BM002893.D (-545) (-)

Ion 109.00 (108.70 to 109.70): BM002893.D (-545) (-)

Ion 65.00 (64.70 to 65.70): BM002893.D (-545) (-)

Time-->



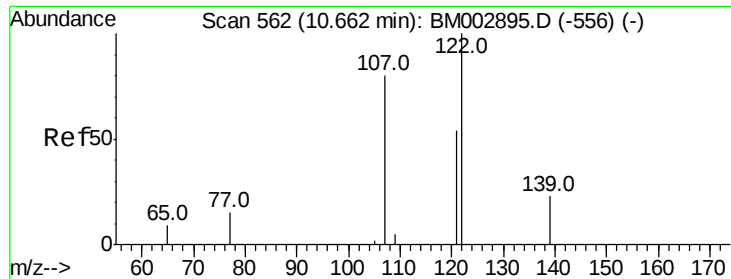
Abundance

Ion 139.00 (138.70 to 139.70): BM002893.D (-545) (-)

Ion 109.00 (108.70 to 109.70): BM002893.D (-545) (-)

Ion 65.00 (64.70 to 65.70): BM002893.D (-545) (-)

Time-->



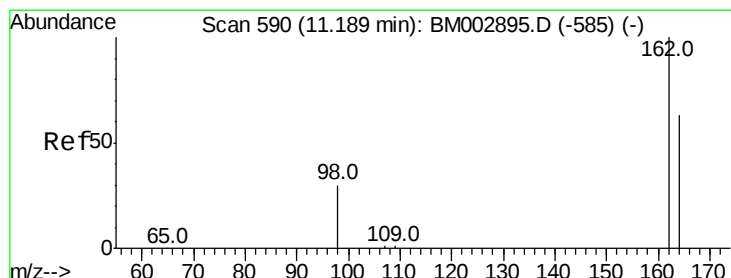
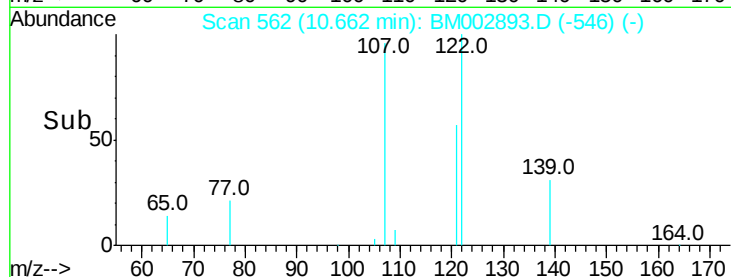
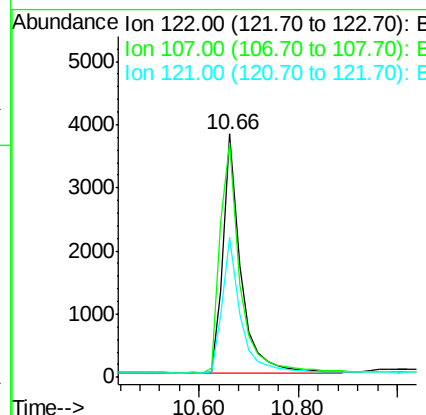
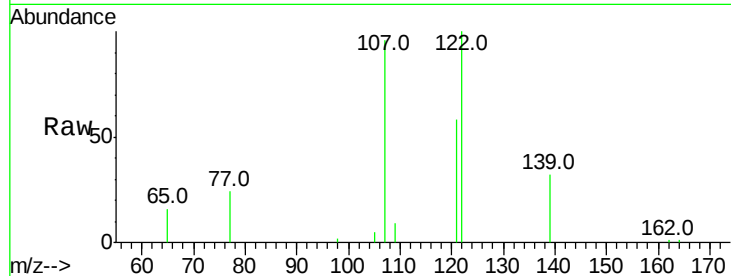
#11
2,4-Dimethylphenol
Concen: 0.47 ng
RT: 10.66 min Scan# 562
Delta R.T. 0.00 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tot Ion	Ratio	Lower	Upper
122	100		
107	96.2	68.6	102.8
121	57.7	44.8	67.2

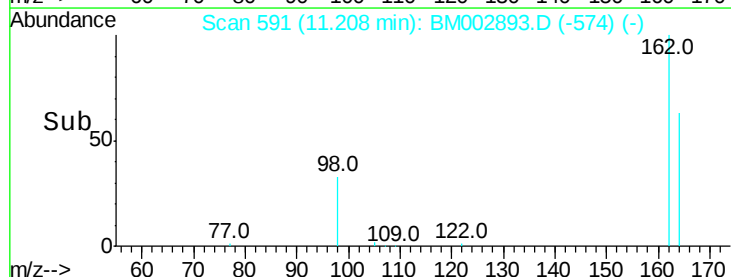
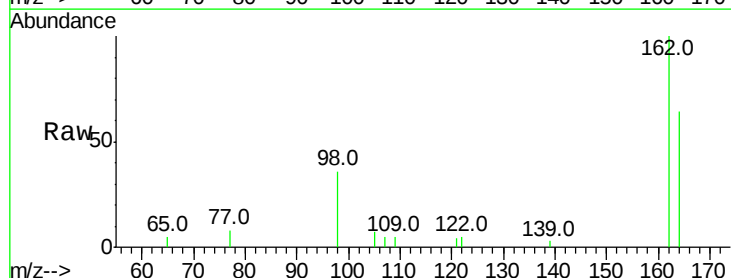
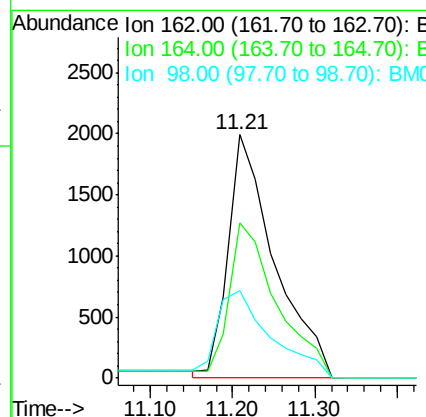
Manual Integrations
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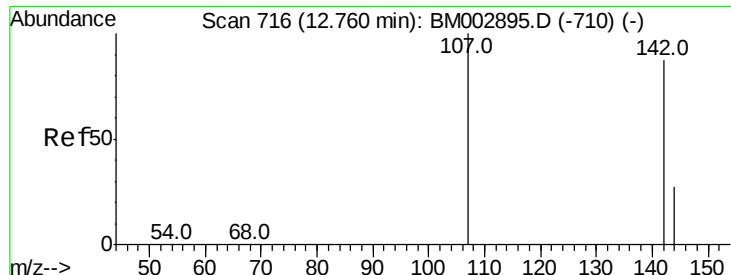
MMdadoda
10/14/2015 6:25:55 PM



#12
2,4-Dichlorophenol
Concen: 0.46 ng
RT: 11.21 min Scan# 591
Delta R.T. 0.02 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	49.2	89.2
98	35.9	0.0	37.4





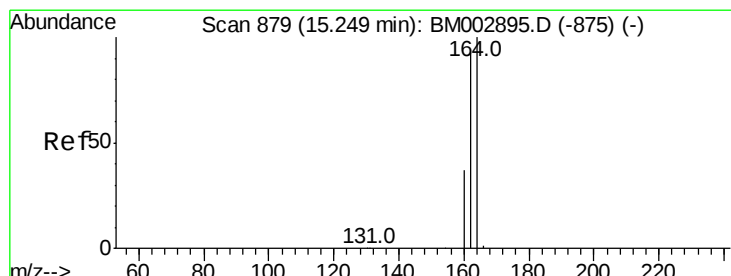
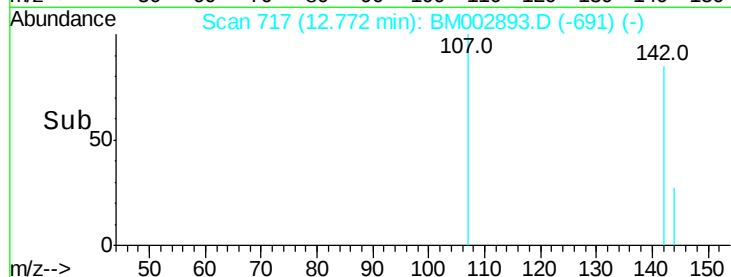
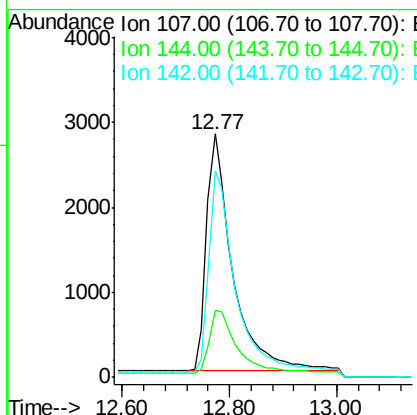
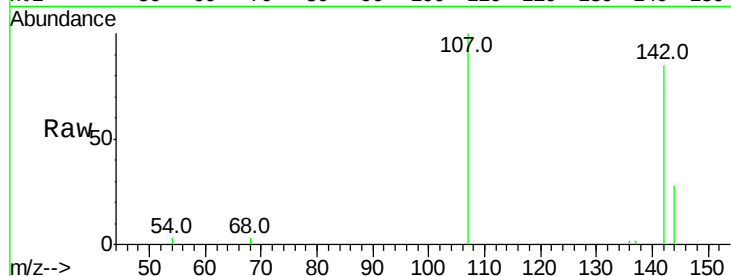
#13
4-Chloro-3-methylphenol
Concen: 0.46 ng
RT: 12.77 min Scan# 717
Delta R.T. 0.01 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tot Ion:107 Resp: 9304
Ion Ratio Lower Upper
107 100
144 27.7 16.2 24.2#
142 84.5 49.8 74.6#

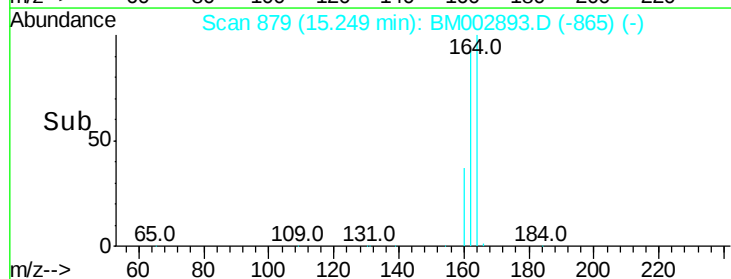
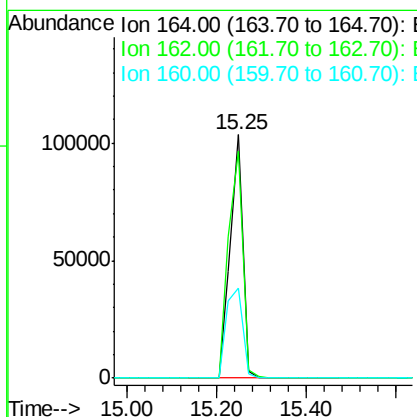
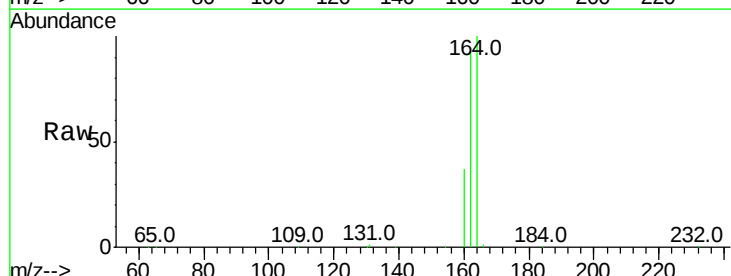
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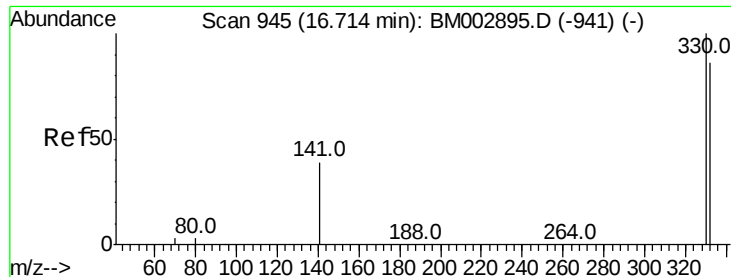
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#14
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.25 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Tgt Ion:164 Resp: 203751
Ion Ratio Lower Upper
164 100
162 93.4 79.2 118.8
160 36.9 33.7 50.5





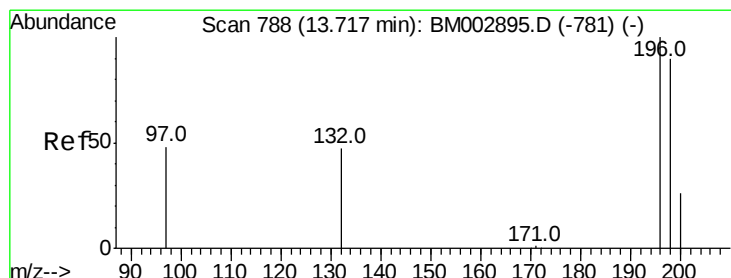
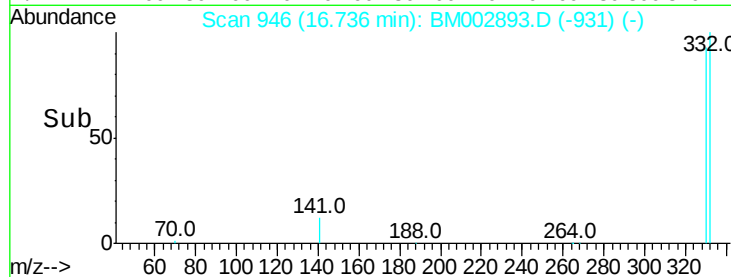
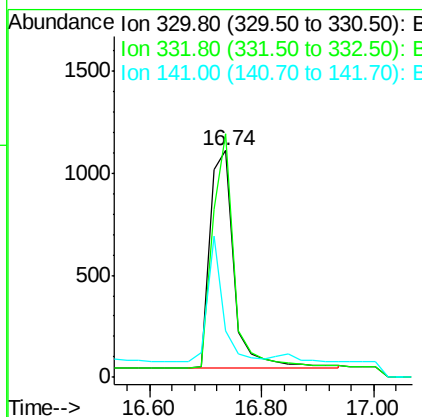
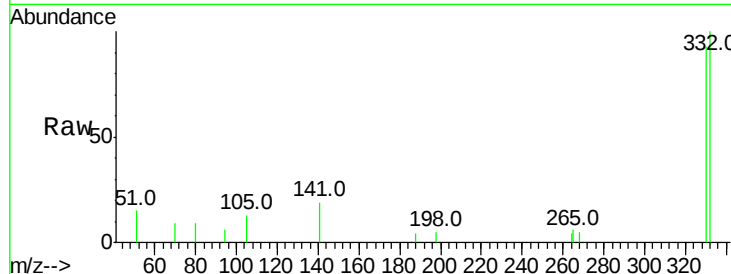
#15
 2,4,6-Tribromophenol
 Concen: 0.43 ng
 RT: 16.74 min Scan# 946
 Delta R.T. 0.02 min
 Lab File: BM002893.D
 Acq: 13 Oct 2015 19:10

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	74.0	111.0
141	0.0	24.1	36.1#

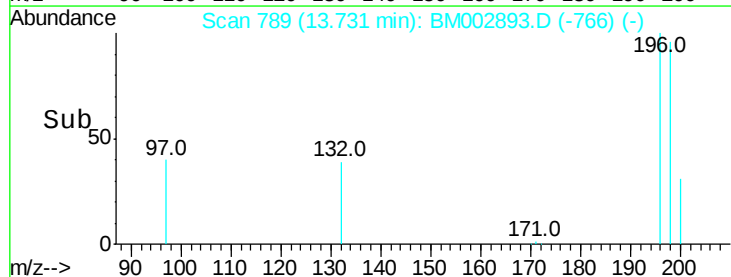
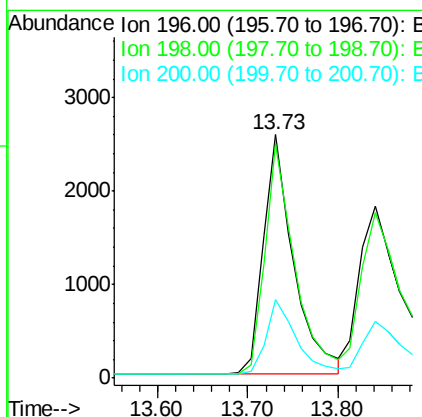
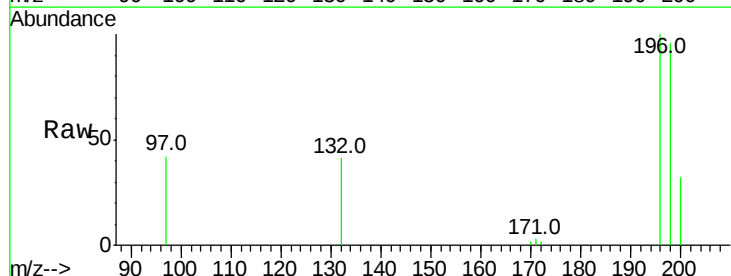
Manual Integrations
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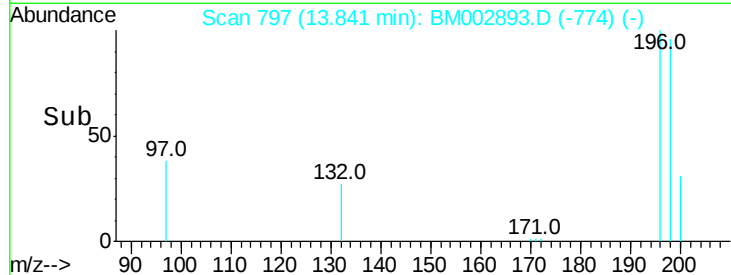
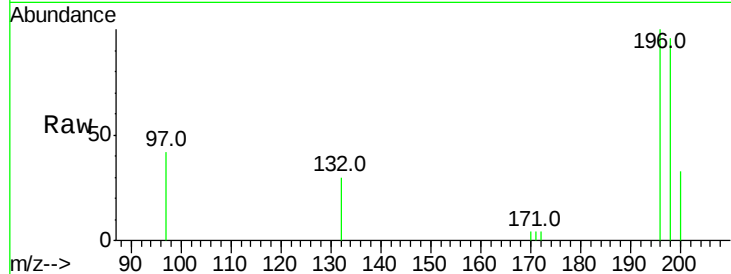
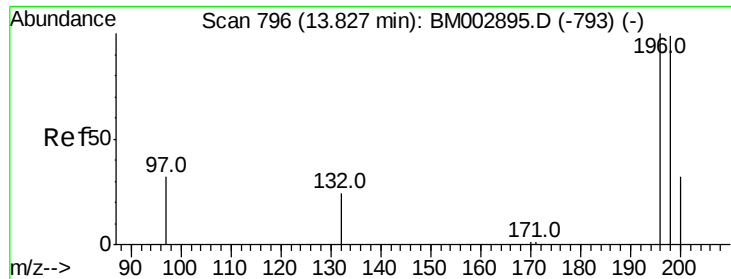
MMdadoda
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#16
 2,4,6-Trichlorophenol
 Concen: 0.45 ng
 RT: 13.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BM002893.D
 Acq: 13 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	54.2	81.2#
200	32.1	17.1	25.7#





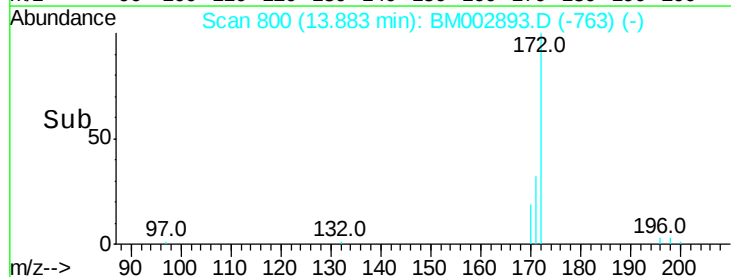
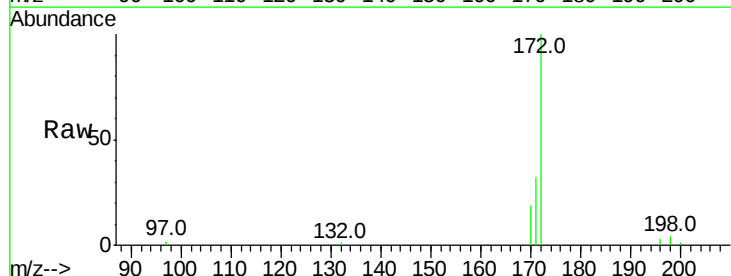
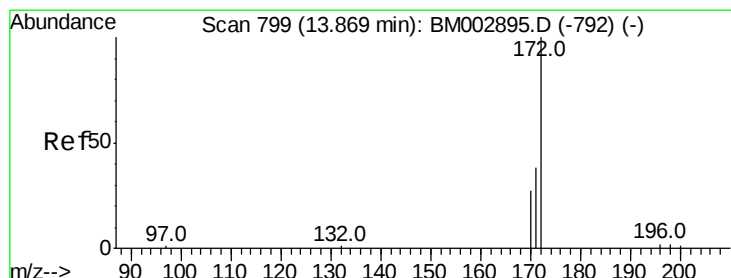
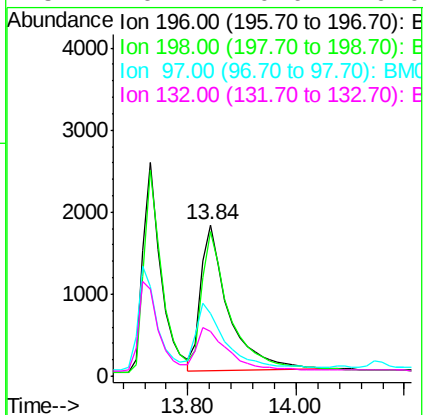
#17
2,4,5-Trichlorophenol
Concen: 0.45 ng
RT: 13.84 min Scan# 797
Delta R.T. 0.01 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Tot Ion:	196	Resp:	6328
Ion Ratio	Lower	Upper	
196	100		
198	95.8	73.6	110.4
97	41.8	0.0	0.0#
132	29.7	0.0	0.0#

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

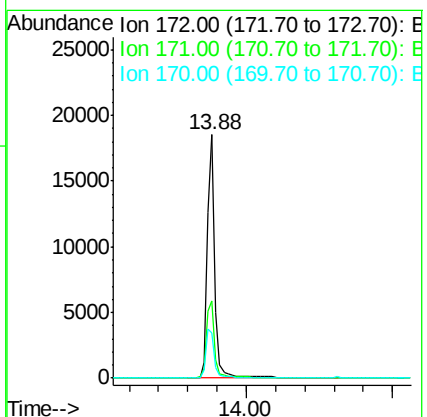
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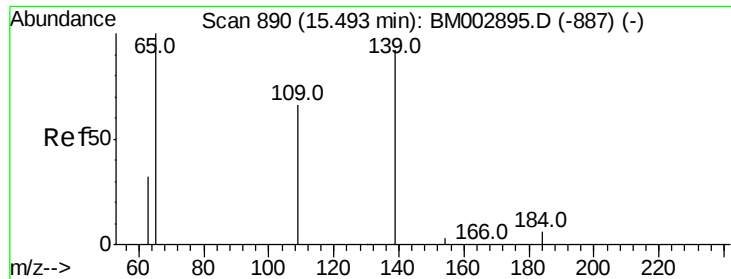
MMdadoda
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#18
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 13.88 min Scan# 800
Delta R.T. 0.01 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Tgt Ion:	172	Resp:	33095
Ion Ratio	Lower	Upper	
172	100		
171	34.3	0.0	0.0#
170	22.5	0.0	0.0#





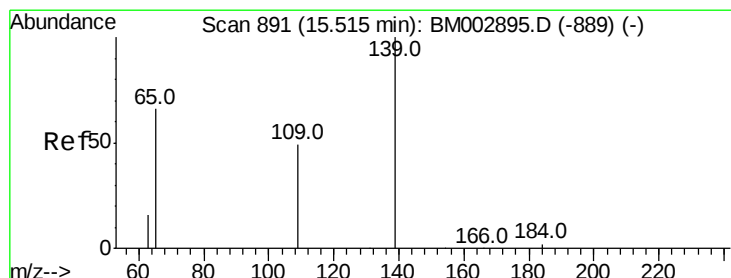
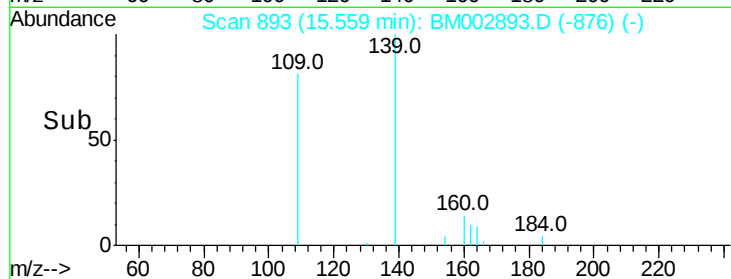
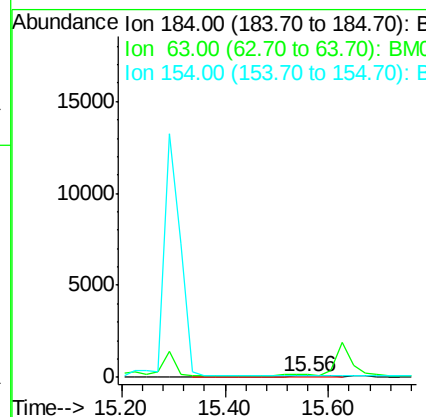
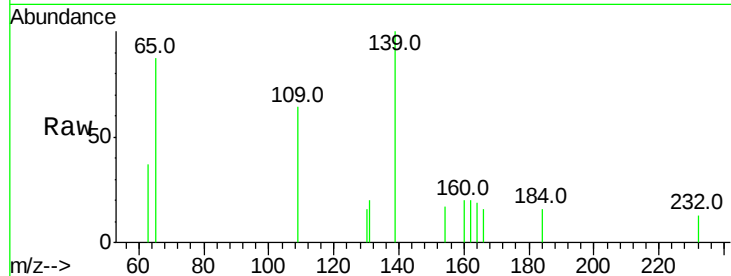
#19
2,4-Dinitrophenol
Concen: 0.07 ng
RT: 15.56 min Scan# 893
Delta R.T. 0.07 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tot Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 238.3 52.0 78.0#
154 110.0 51.4 77.2#

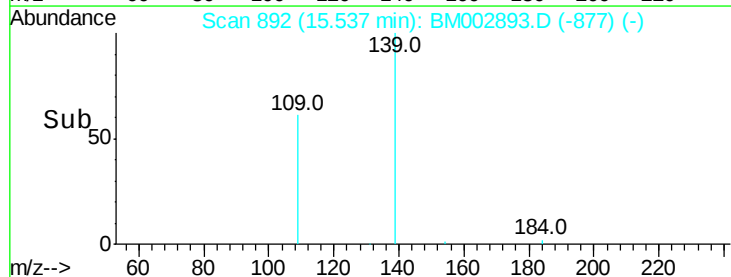
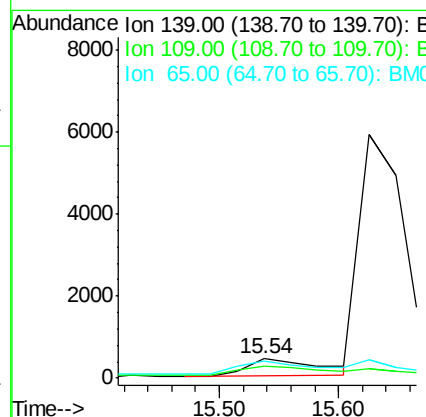
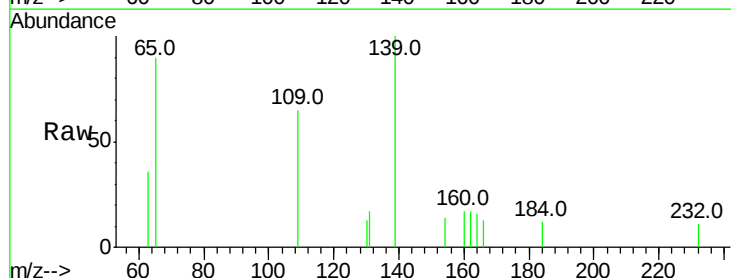
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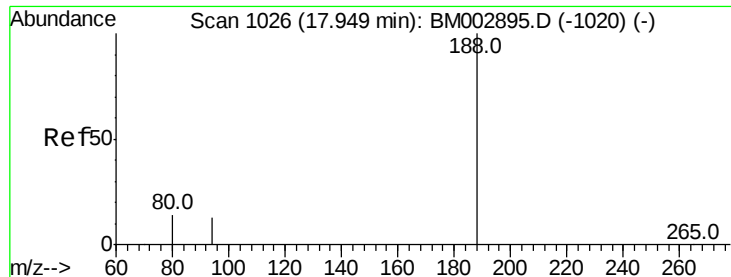
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#20
4-Nitrophenol
Concen: 0.05 ng m
RT: 15.54 min Scan# 892
Delta R.T. 0.02 min
Lab File: BM002893.D
Acq: 13 Oct 2015 19:10

Tgt Ion:139 Resp: 1727
Ion Ratio Lower Upper
139 100
109 65.0 60.0 100.0
65 89.8 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: BM002893.D

Acq: 13 Oct 2015 19:10

Instrument :

BNA_M

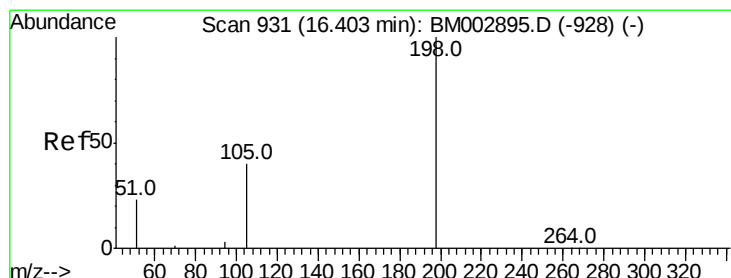
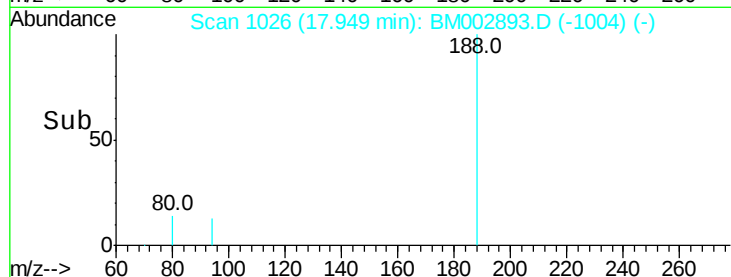
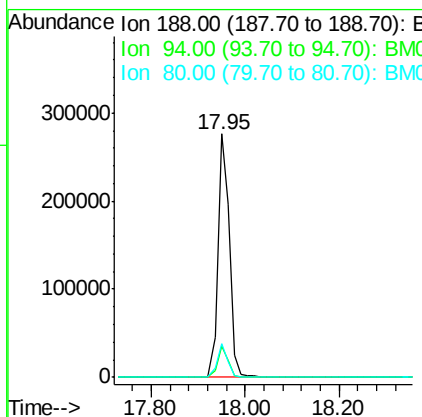
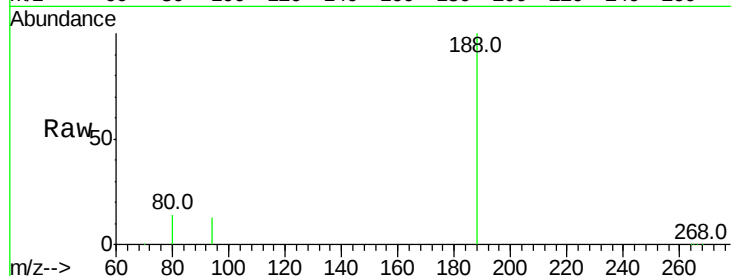
ClientSampleId :

SSTDIC0.5

Tot Ion:	188	Resp:	460181
Ion Ratio	Lower	Upper	
188	100		
94	12.6	2.9	4.3#
80	14.1	2.5	3.7#

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#22

4,6-Dinitro-2-methylphenol

Concen: 0.31 ng

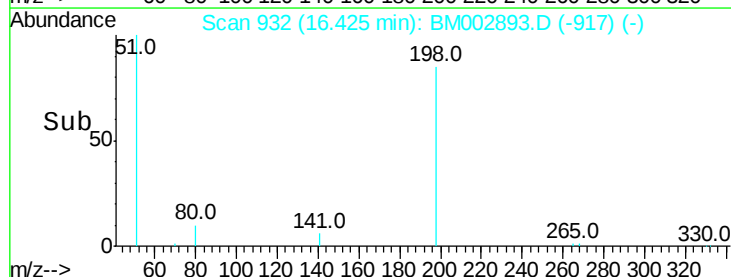
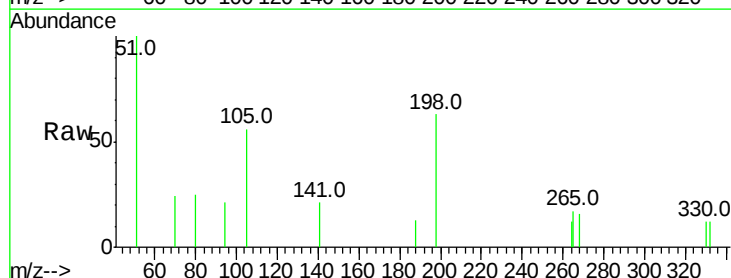
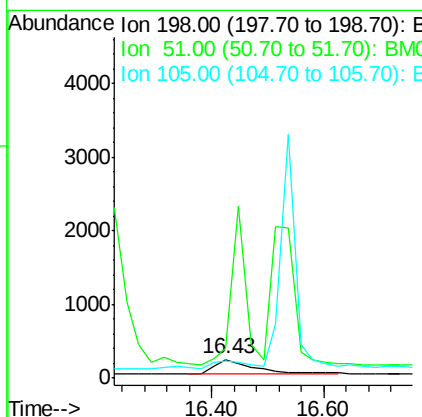
RT: 16.43 min Scan# 932

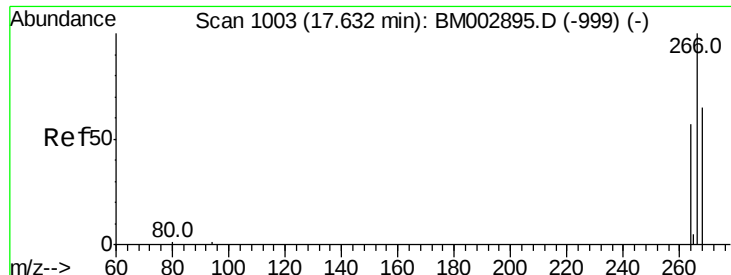
Delta R.T. 0.02 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Tgt Ion:	198	Resp:	1006
Ion Ratio	Lower	Upper	
198	100		
51	158.3	60.8	100.8#
105	89.4	30.0	70.0#





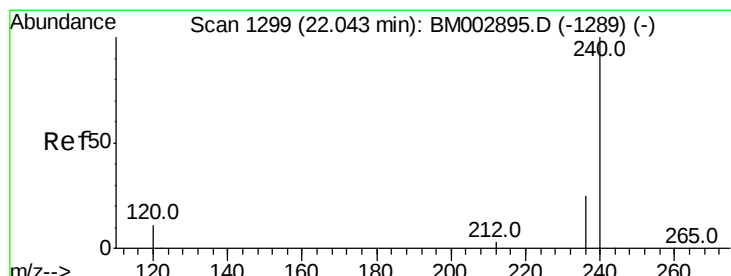
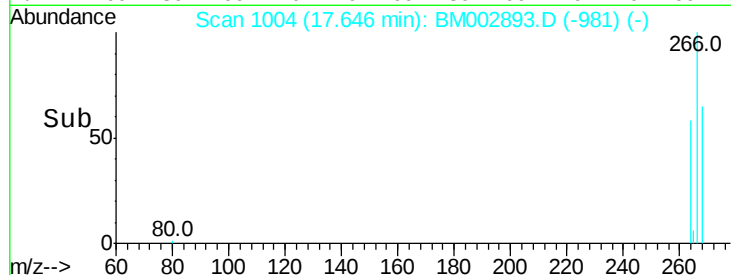
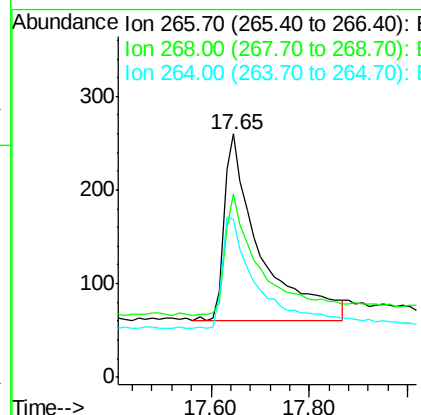
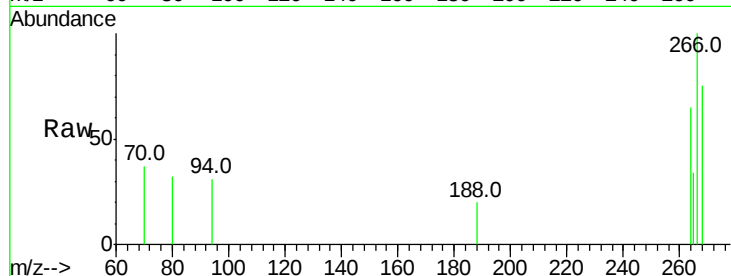
#23
 Pentachlorophenol
 Concen: 0.29 ng
 RT: 17.65 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BM002893.D
 Acq: 13 Oct 2015 19:10

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tot Ion	Ratio	Lower	Upper
266	100		
268	75.4	62.6	94.0
264	64.6	47.9	71.9

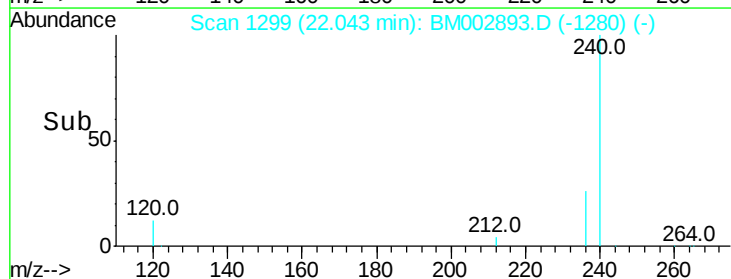
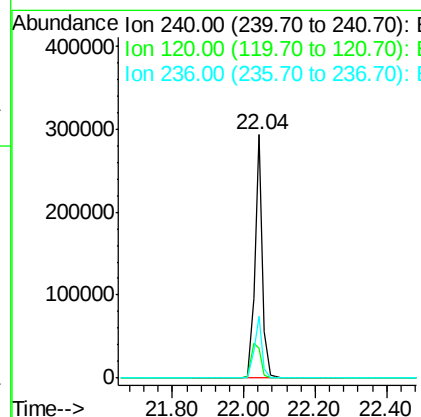
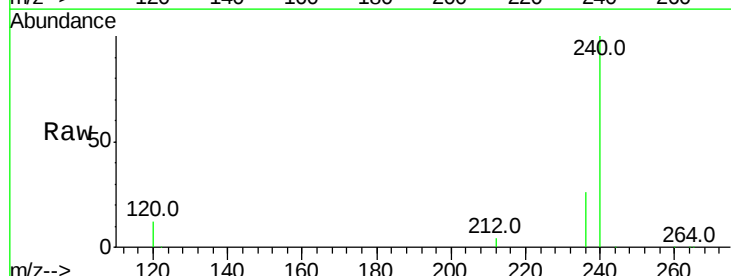
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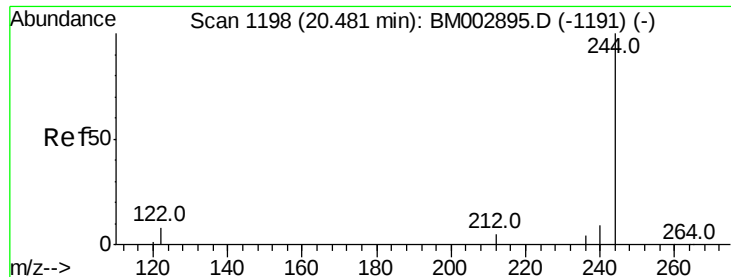
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#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 22.04 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BM002893.D
 Acq: 13 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.4	15.6
236	25.5	22.0	33.0





#25

Terphenyl-d14

Concen: 0.49 ng

RT: 20.48 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Instrument :

BNA_M

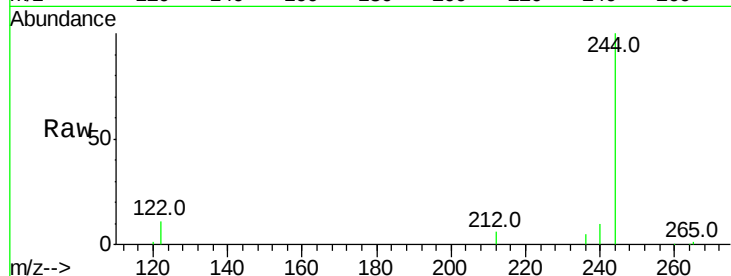
ClientSampleId :

SSTDIC0.5

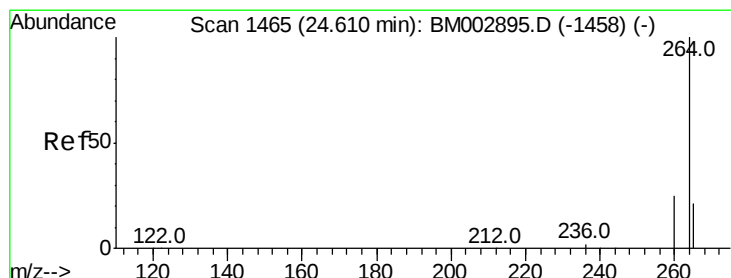
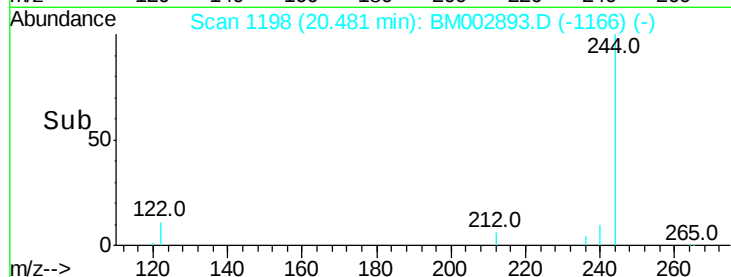
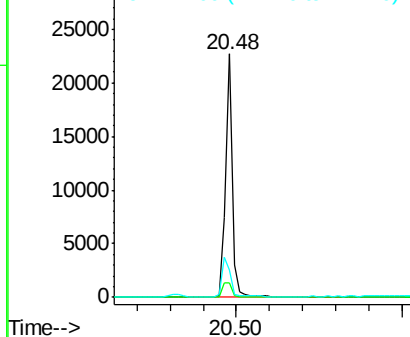
Tot Ion:	244	Resp:	31827
Ion Ratio	Lower	Upper	
244	100		
212	8.2	7.3	10.9
122	19.2	14.8	22.2

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#26

Perylene-d12

Concen: 5.00 ng

RT: 24.61 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM002893.D

Acq: 13 Oct 2015 19:10

Tgt Ion:	264	Resp:	397980
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.7	29.5
265	21.5	17.4	26.2

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

