

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
 Data File : BE089394.D
 Acq On : 10 Jan 2015 00:02
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.8

Quant Time: Jan 12 01:32:42 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 01:25:19 2015
 Response via : Initial Calibration

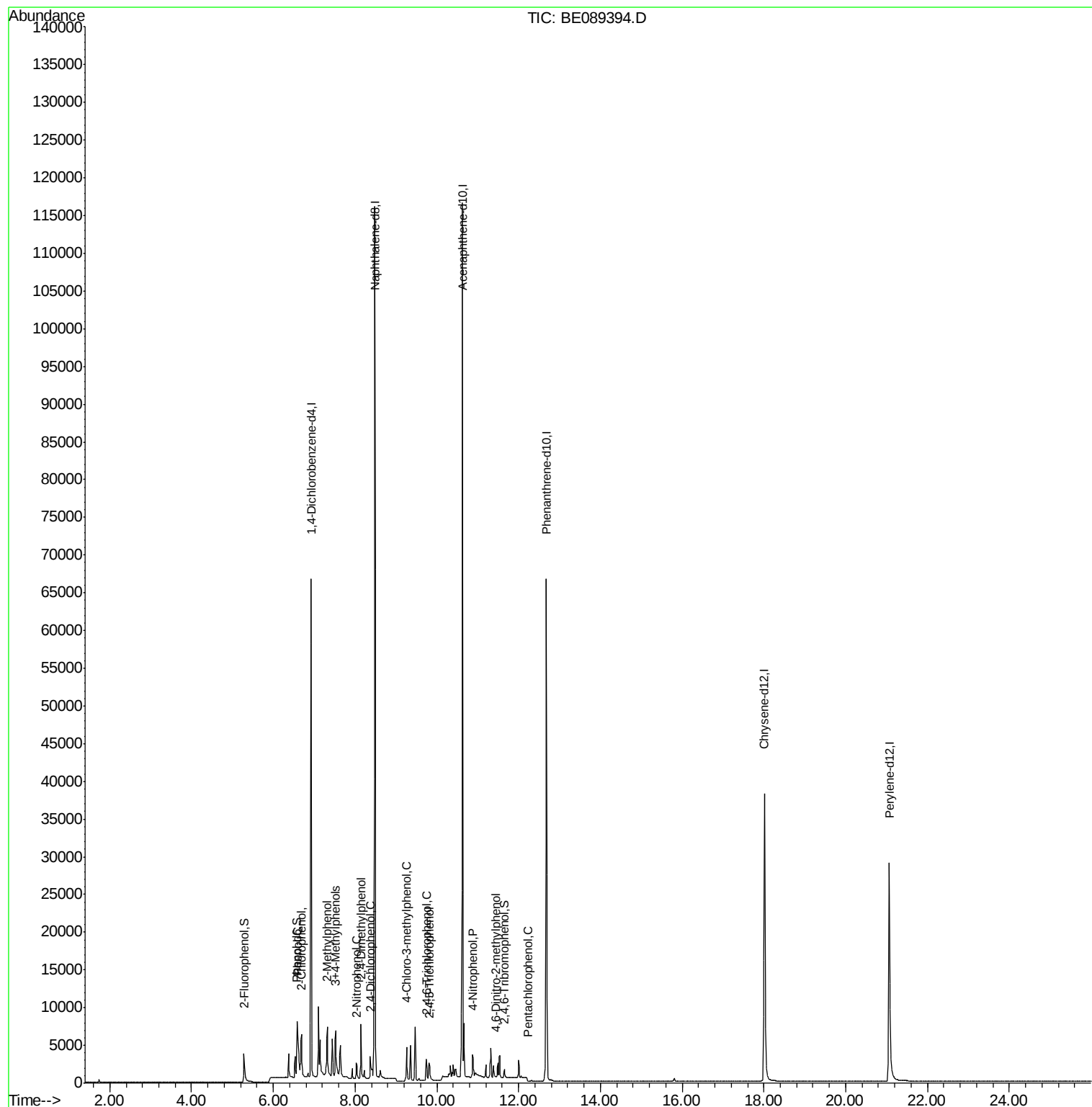
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	29795	5.00	ng	0.00
8) Naphthalene-d8	8.48	136	112316	5.00	ng	0.00
13) Acenaphthene-d10	10.63	164	50230	5.00	ng	0.00
19) Phenanthrene-d10	12.68	188	73589	5.00	ng	0.00
22) Chrysene-d12	18.02	240	53715	5.00	ng	0.00
23) Perylene-d12	21.06	264	46788	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.28	112	3939	0.52	ng	0.00
3) Phenol-d6	6.58	99	5236	0.52	ng	0.00
14) 2,4,6-Tribromophenol	11.65	330	709	0.44	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.69	128	4736	0.57	ng	93
5) Phenol	6.59	94	6482	0.54	ng	83
6) 2-Methylphenol	7.32	107	3650	0.40	ng	# 82
7) 3+4-Methylphenols	7.53	107	4571	0.56	ng	90
9) 2-Nitrophenol	8.04	139	2028	0.51	ng	# 73
10) 2,4-Dimethylphenol	8.14	122	3881	0.55	ng	# 82
11) 2,4-Dichlorophenol	8.37	162	3177	0.52	ng	85
12) 4-Chloro-3-methylphenol	9.26	107	3370	0.53	ng	# 88
15) 2,4,6-Trichlorophenol	9.74	196	1895	0.56	ng	# 70
16) 2,4,5-Trichlorophenol	9.81	196	2077	0.54	ng	# 64
18) 4-Nitrophenol	10.88	139	3492	0.45	ng	95
20) 4,6-Dinitro-2-methylphenol	11.44	198	109	0.10	ng	# 45
21) Pentachlorophenol	12.23	266	53	0.06	ng	94

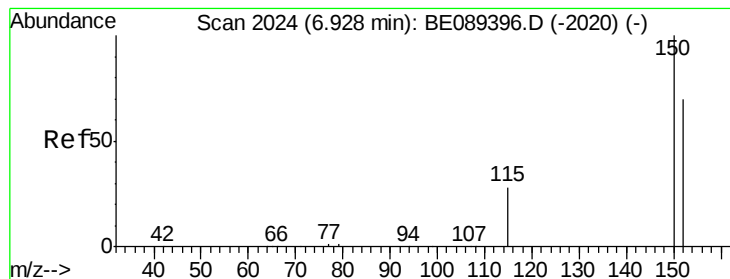
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.93 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8

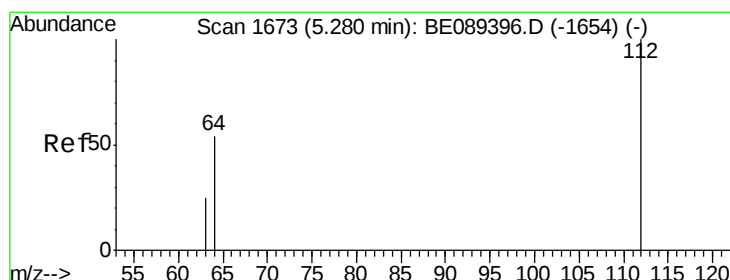
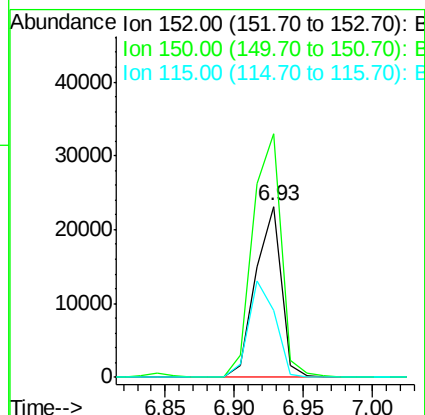
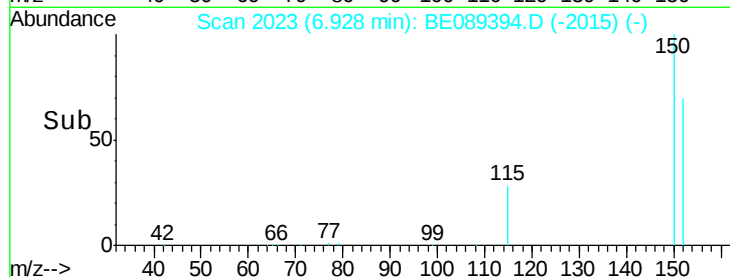
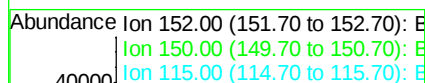
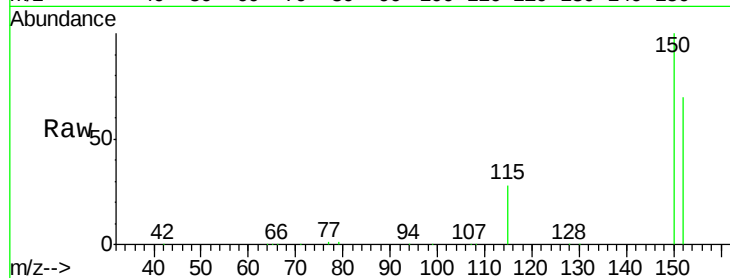
Tgt Ion:152 Resp: 29795

Ion Ratio Lower Upper

152 100

150 142.5 114.2 171.2

115 39.6 31.8 47.8



#2

2-Fluorophenol

Concen: 0.52 ng

RT: 5.28 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

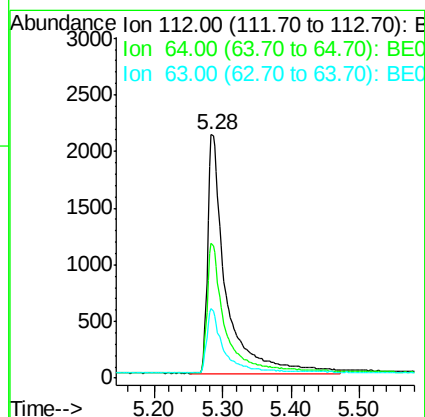
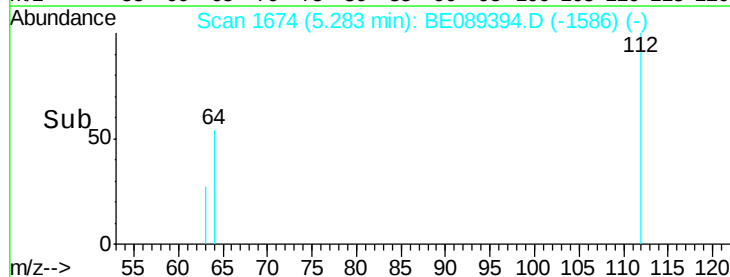
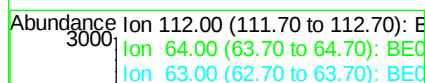
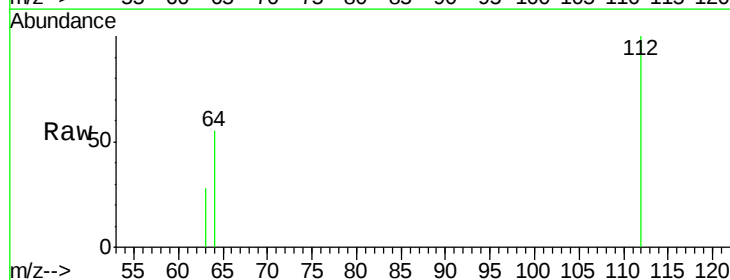
Tgt Ion:112 Resp: 3939

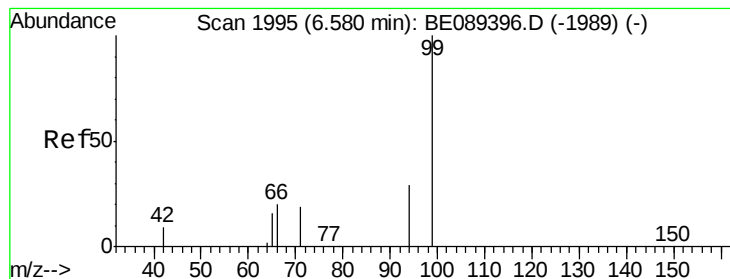
Ion Ratio Lower Upper

112 100

64 55.4 43.8 65.8

63 28.4 20.9 31.3





#3

Phenol-d6

Concen: 0.52 ng

RT: 6.58 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8

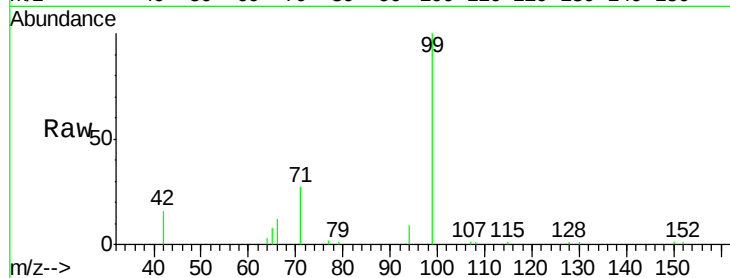
Tgt Ion: 99 Resp: 5236

Ion Ratio Lower Upper

99 100

42 15.7 7.8 11.8#

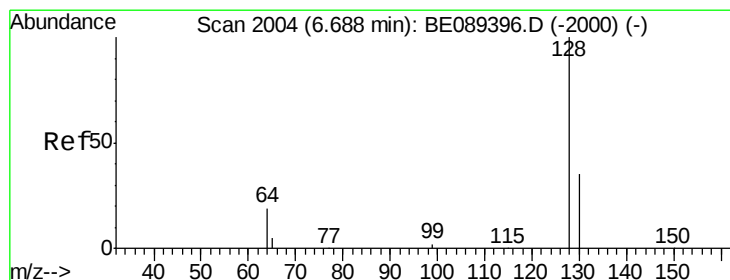
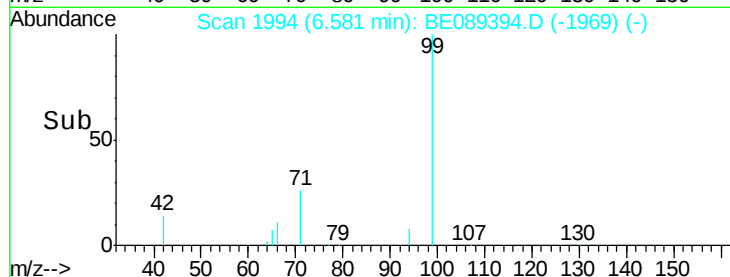
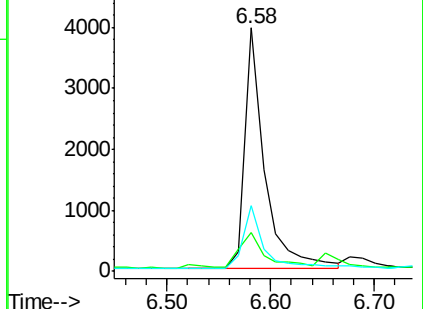
71 27.2 15.4 23.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#4

2-Chlorophenol

Concen: 0.57 ng

RT: 6.69 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

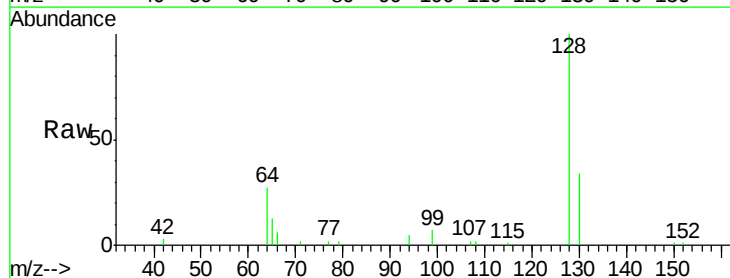
Tgt Ion: 128 Resp: 4736

Ion Ratio Lower Upper

128 100

130 33.7 15.6 55.6

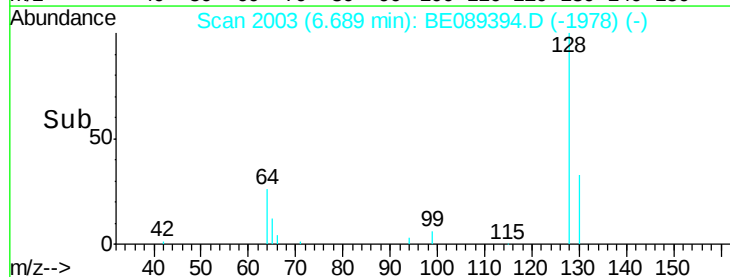
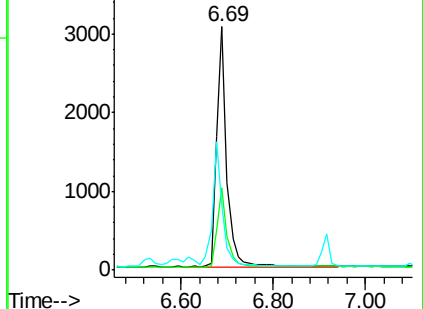
64 26.8 0.8 40.8

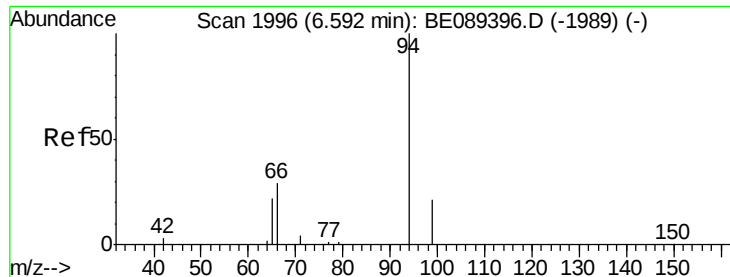


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 0.54 ng

RT: 6.59 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8

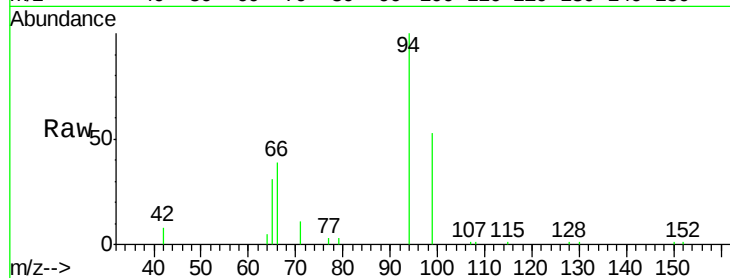
Tgt Ion: 94 Resp: 6482

Ion Ratio Lower Upper

94 100

65 31.0 2.6 42.6

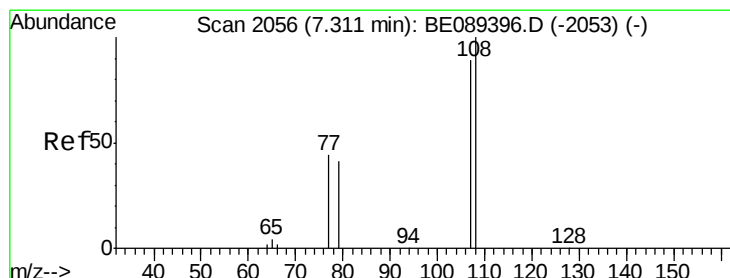
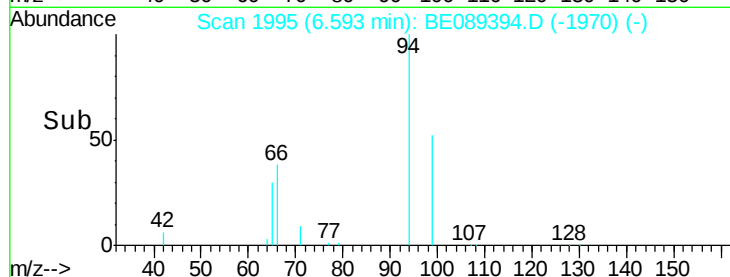
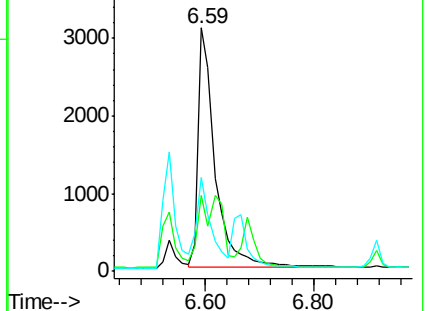
66 38.8 9.5 49.5



Abundance Ion 94.00 (93.70 to 94.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

Ion 66.00 (65.70 to 66.70): BE0



#6

2-Methylphenol

Concen: 0.40 ng

RT: 7.32 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Tgt Ion: 107 Resp: 3650

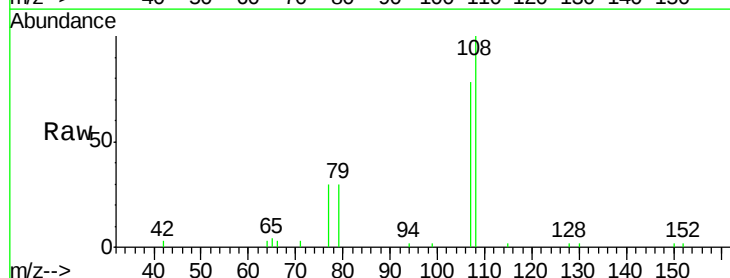
Ion Ratio Lower Upper

107 100

108 127.5 90.7 136.1

77 38.3 45.1 67.7#

79 38.2 42.0 63.0#

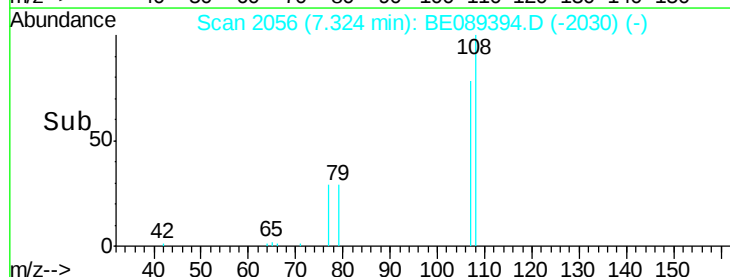
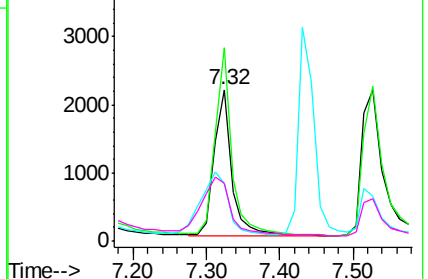


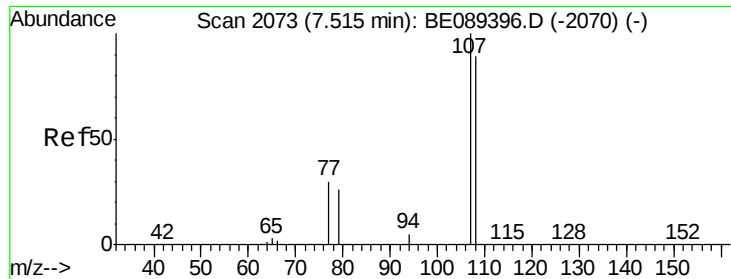
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BE0

Ion 79.00 (78.70 to 79.70): BE0





#7

3+4-Methylphenols

Concen: 0.56 ng

RT: 7.53 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8

Tgt Ion:107 Resp: 4571

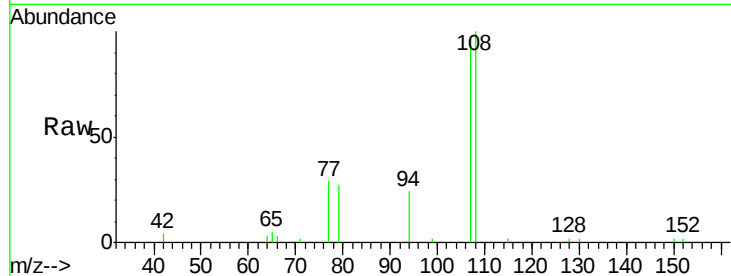
Ion Ratio Lower Upper

107 100

108 103.3 69.4 109.4

77 29.8 12.6 52.6

79 27.8 6.9 46.9

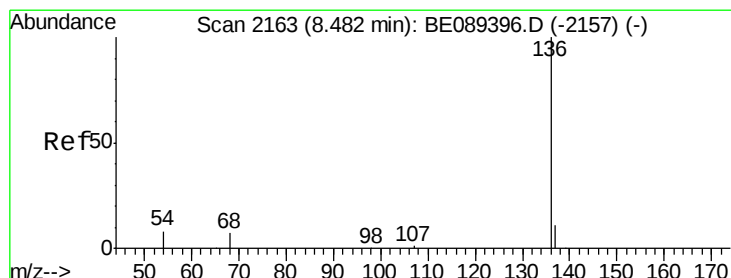
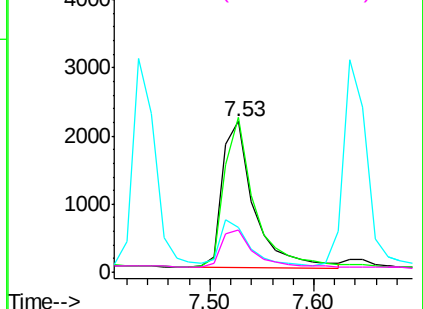
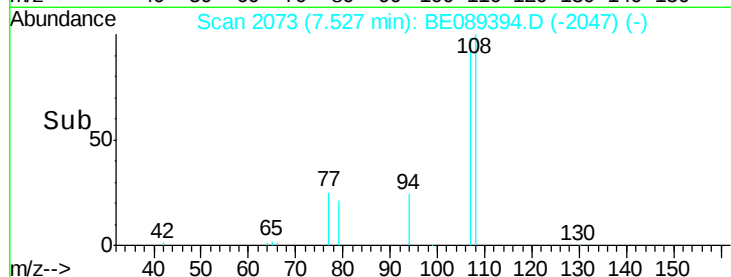


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BE0

Ion 79.00 (78.70 to 79.70): BE0



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 8.48 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Tgt Ion:136 Resp: 112316

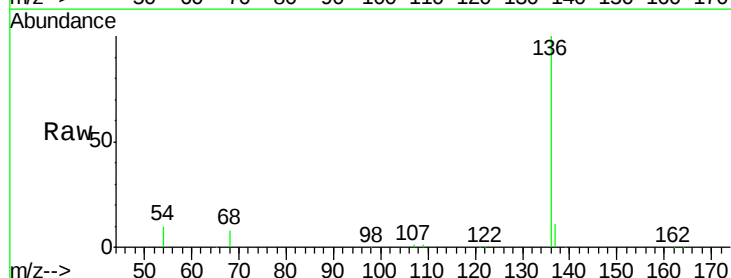
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 9.5 6.6 10.0

68 8.3 6.0 9.0

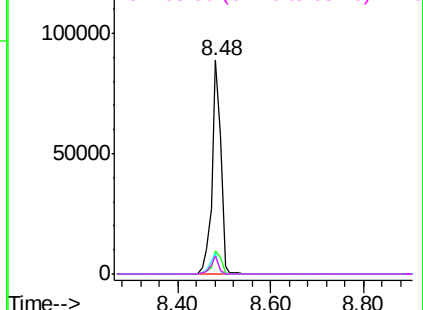
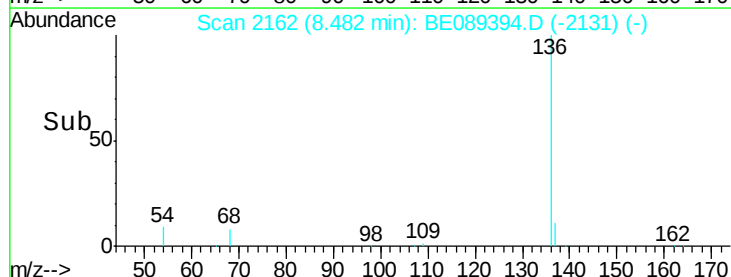


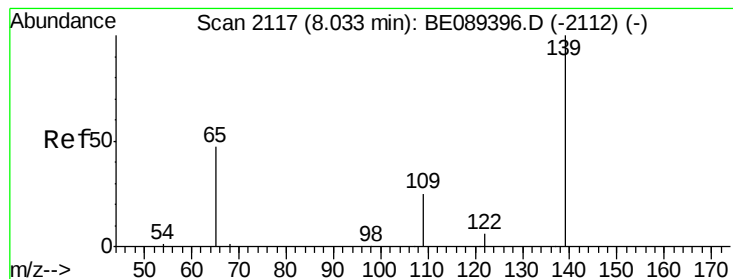
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#9

2-Nitrophenol

Concen: 0.51 ng

RT: 8.04 min Scan# 2117

Delta R.T. 0.01 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8

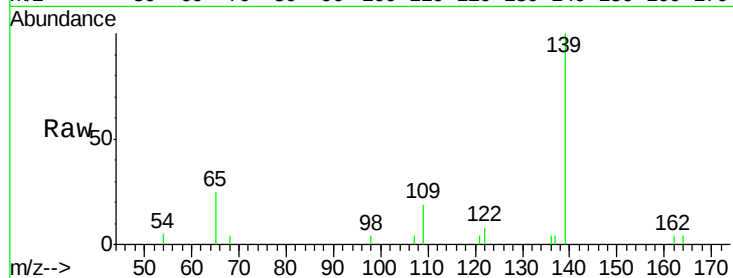
Tgt Ion:139 Resp: 2028

Ion Ratio Lower Upper

139 100

109 19.2 21.2 31.8#

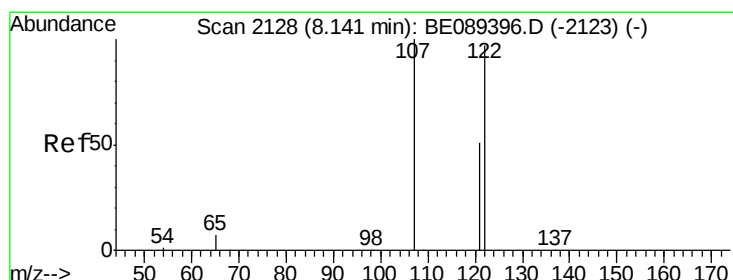
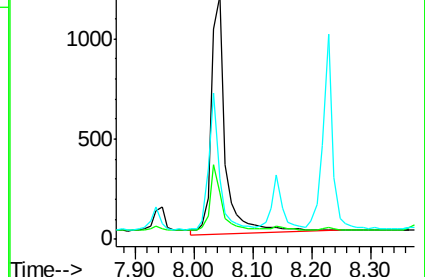
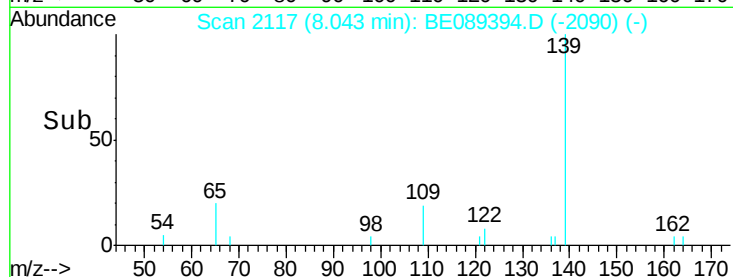
65 24.7 38.1 57.1#



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): E



#10

2,4-Dimethylphenol

Concen: 0.55 ng

RT: 8.14 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

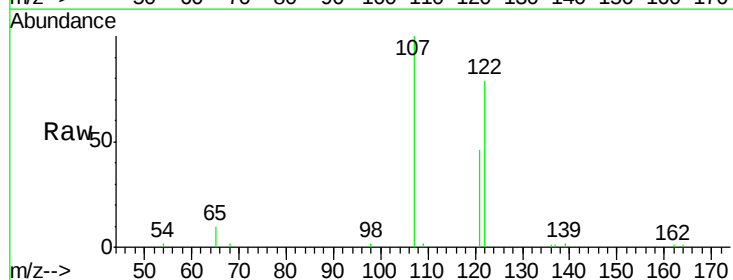
Tgt Ion:122 Resp: 3881

Ion Ratio Lower Upper

122 100

107 127.0 82.5 123.7#

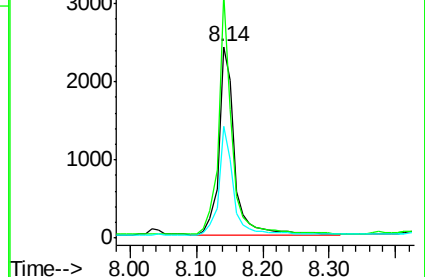
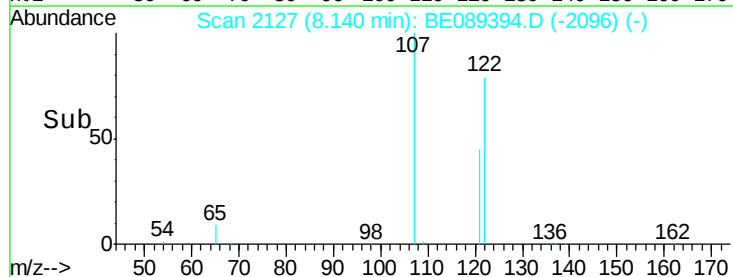
121 58.3 42.6 64.0

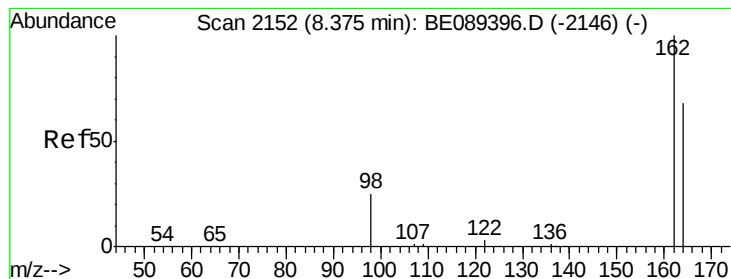


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#11

2,4-Dichlorophenol

Concen: 0.52 ng

RT: 8.37 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8

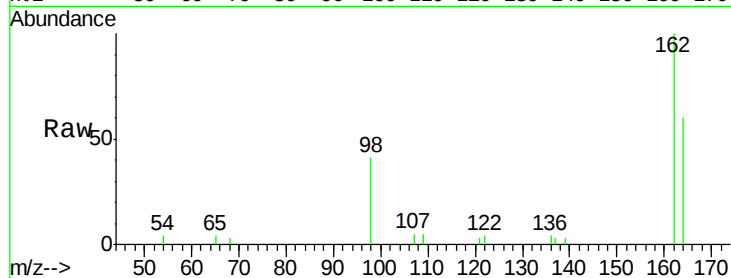
Tgt Ion:162 Resp: 3177

Ion Ratio Lower Upper

162 100

164 60.4 48.0 88.0

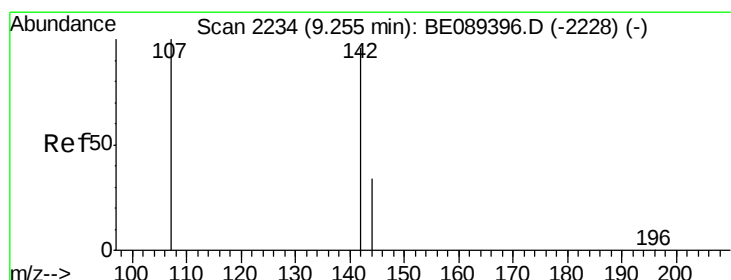
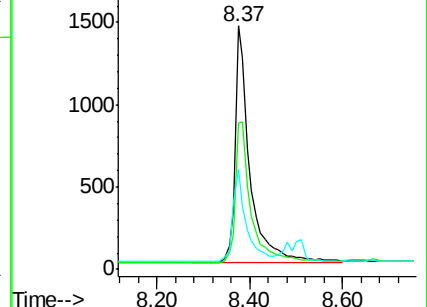
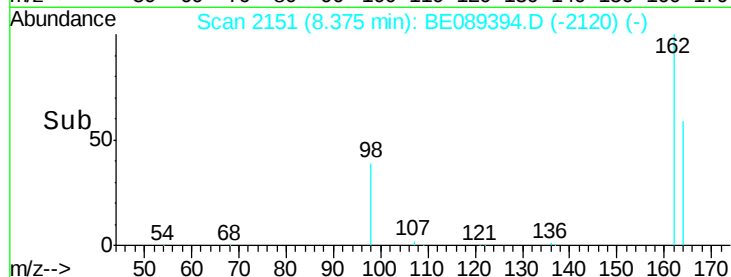
98 41.0 5.8 45.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#12

4-Chloro-3-methylphenol

Concen: 0.53 ng

RT: 9.26 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

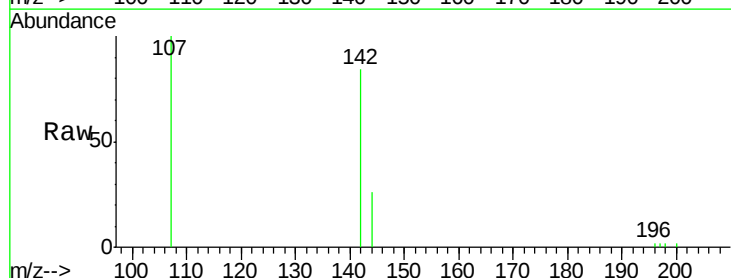
Tgt Ion:107 Resp: 3370

Ion Ratio Lower Upper

107 100

144 26.5 27.4 41.2#

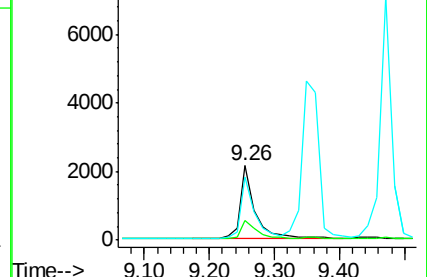
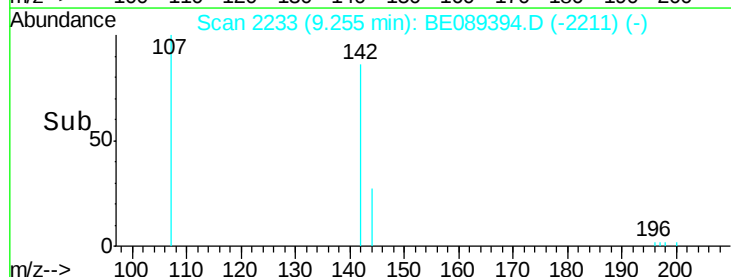
142 84.3 76.6 114.8

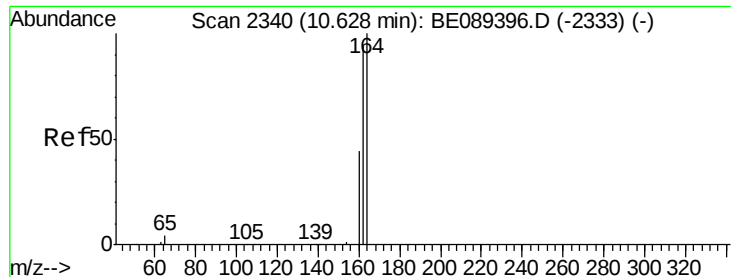


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.63 min Scan# 2339

Delta R.T. -0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8

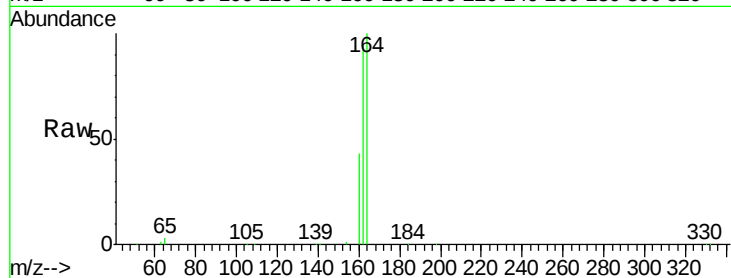
Tgt Ion:164 Resp: 50230

Ion Ratio Lower Upper

164 100

162 93.5 75.2 112.8

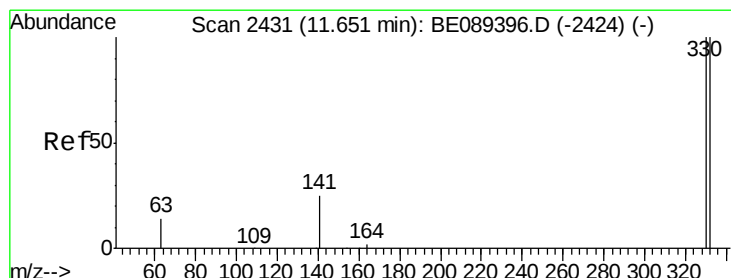
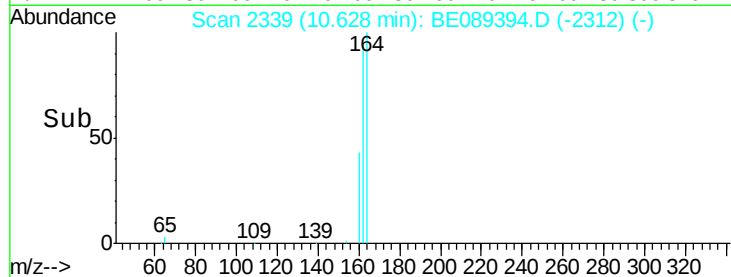
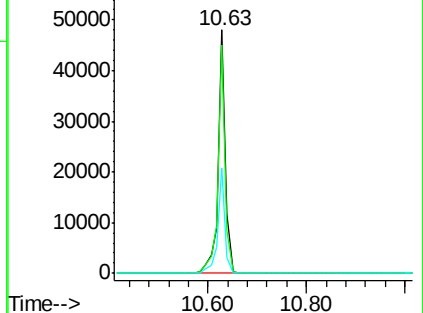
160 43.1 35.0 52.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.44 ng

RT: 11.65 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

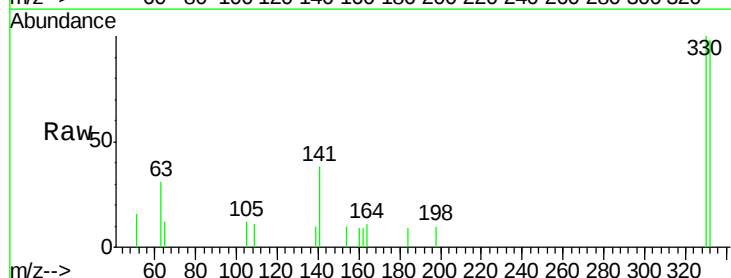
Tgt Ion:330 Resp: 709

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

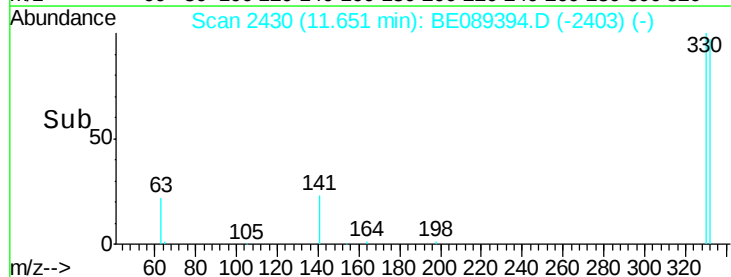
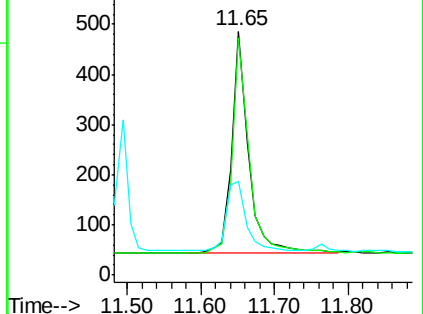
141 38.1 29.9 44.9

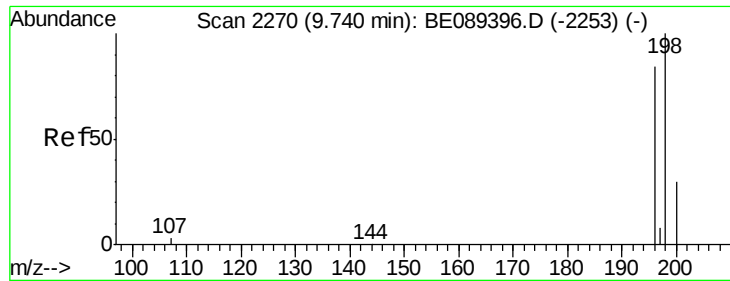


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

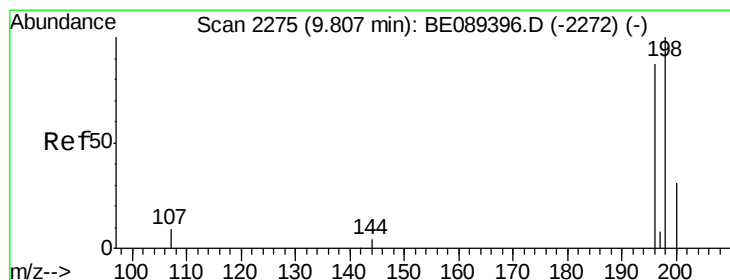
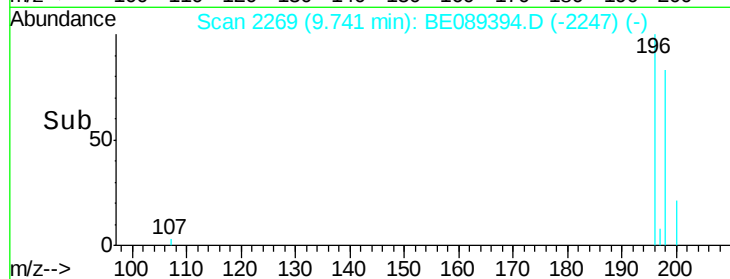
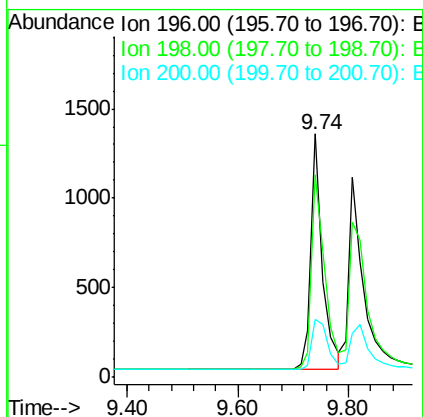
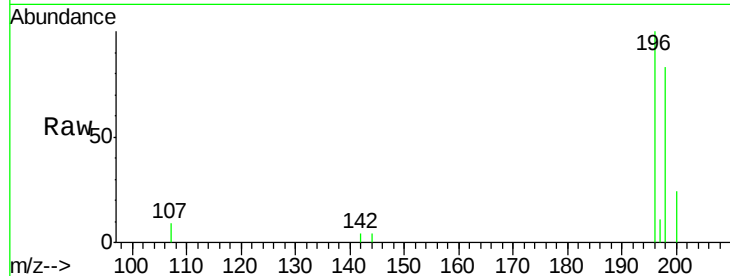




#15
 2,4,6-Trichlorophenol
 Concen: 0.56 ng
 RT: 9.74 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BE089394.D
 Acq: 10 Jan 2015 00:02

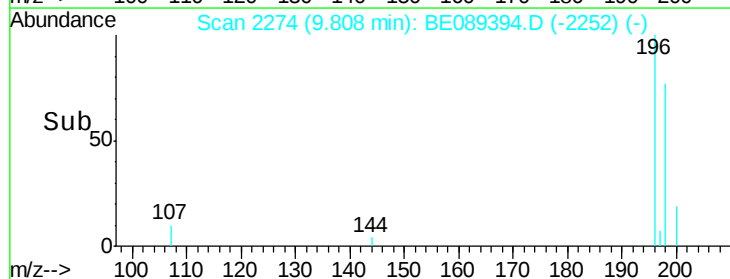
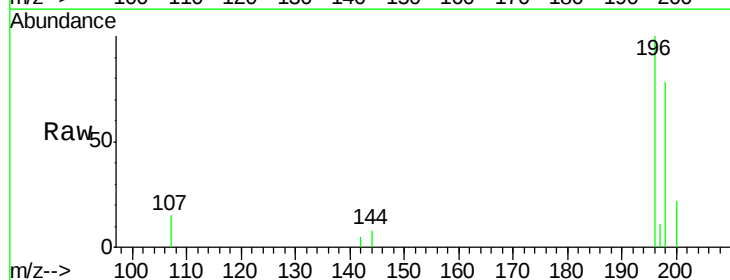
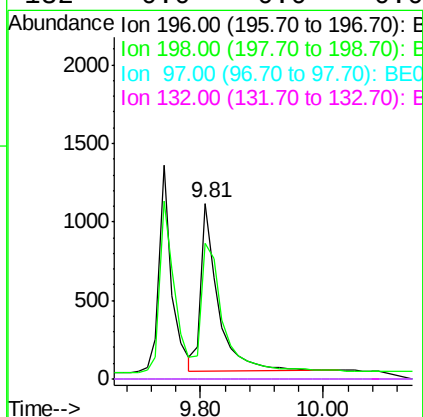
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.8

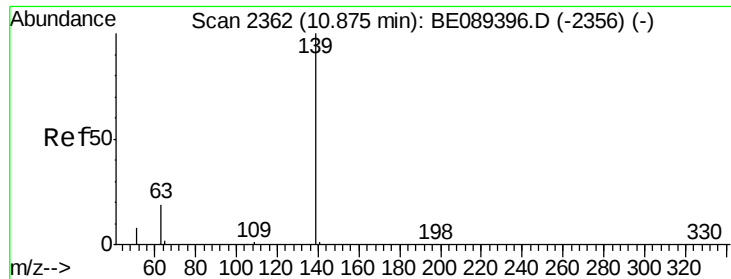
Tgt Ion:196 Resp: 1895
 Ion Ratio Lower Upper
 196 100
 198 83.1 95.3 142.9#
 200 24.0 29.8 44.6#



#16
 2,4,5-Trichlorophenol
 Concen: 0.54 ng
 RT: 9.81 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BE089394.D
 Acq: 10 Jan 2015 00:02

Tgt Ion:196 Resp: 2077
 Ion Ratio Lower Upper
 196 100
 198 77.5 93.4 140.2#
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0

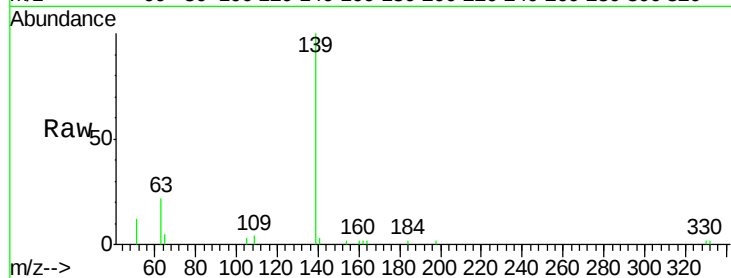




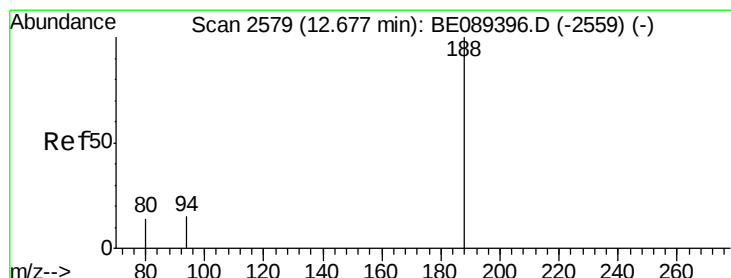
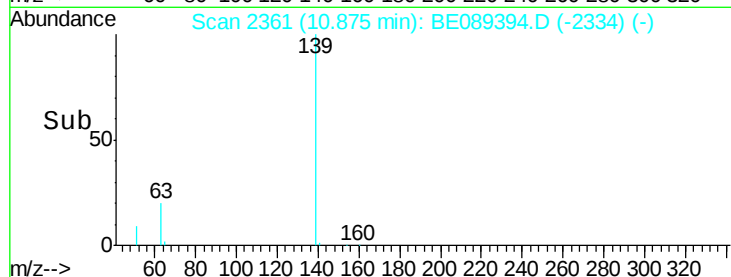
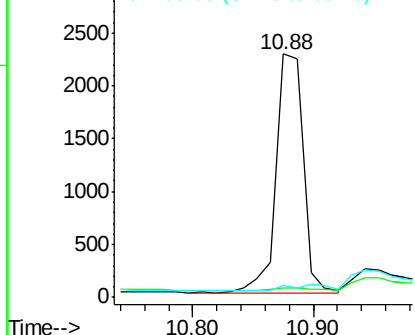
#18
4-Nitrophenol
Concen: 0.45 ng
RT: 10.88 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BE089394.D
Acq: 10 Jan 2015 00:02

Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

Tgt Ion:139 Resp: 3492
Ion Ratio Lower Upper
139 100
109 3.6 0.0 22.1
65 4.9 0.0 23.3

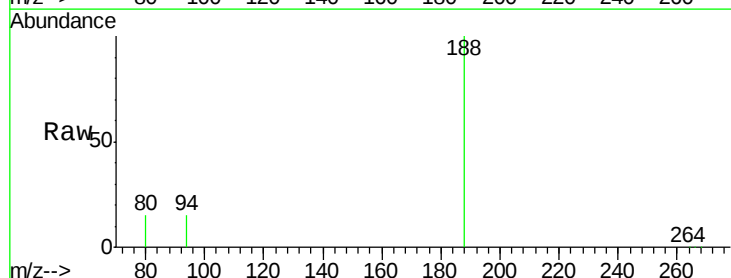


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BE0

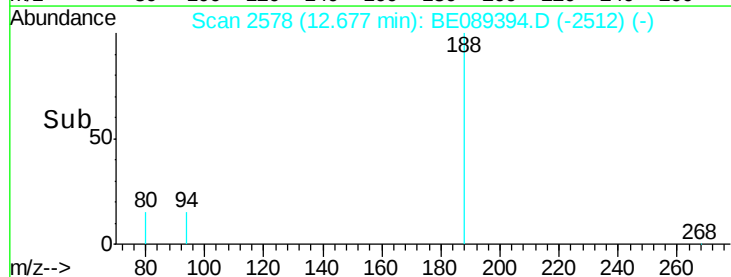
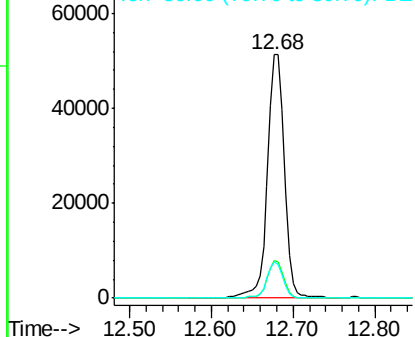


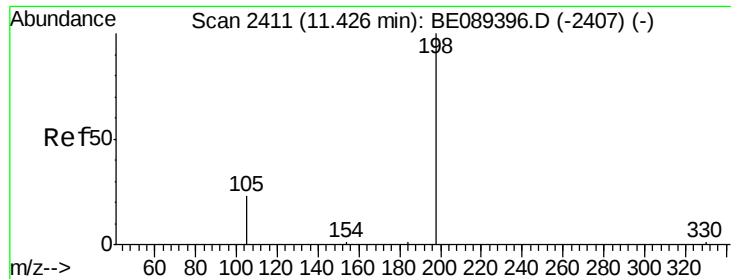
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.68 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BE089394.D
Acq: 10 Jan 2015 00:02

Tgt Ion:188 Resp: 73589
Ion Ratio Lower Upper
188 100
94 15.2 12.1 18.1
80 14.9 11.6 17.4



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

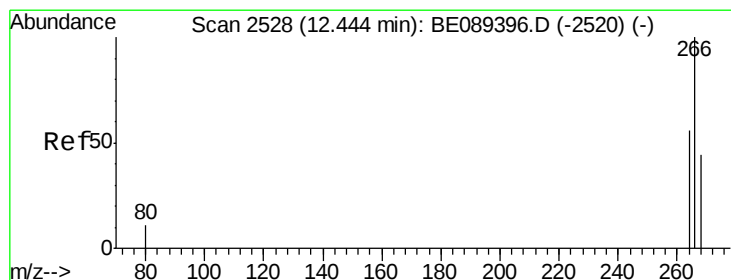
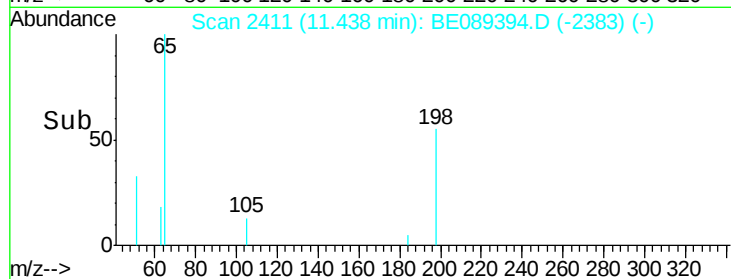
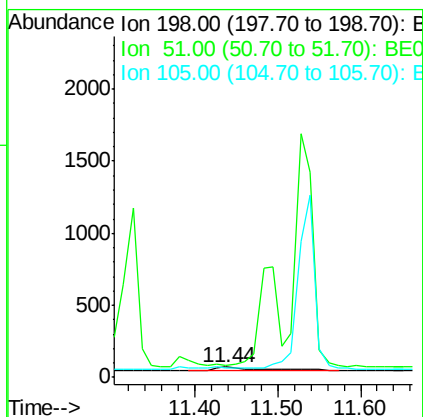
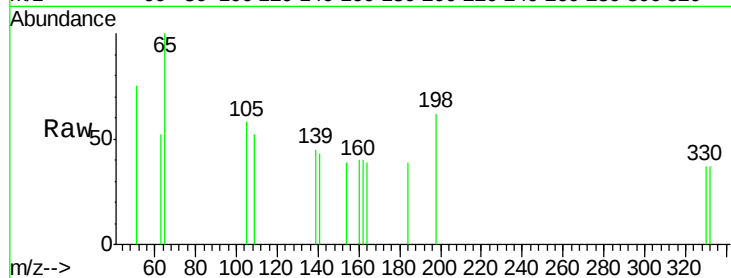




#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 11.44 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BE089394.D
Acq: 10 Jan 2015 00:02

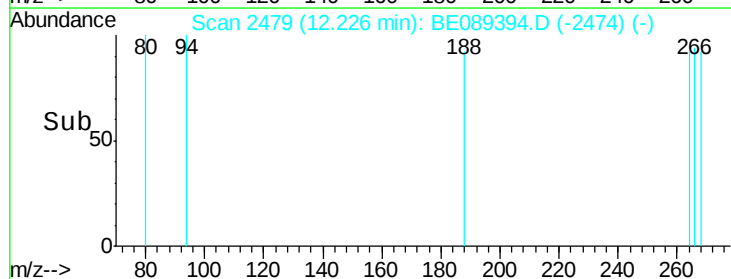
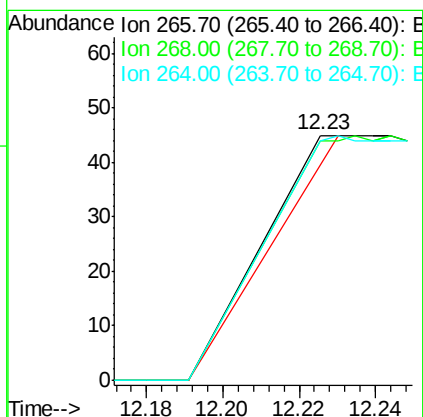
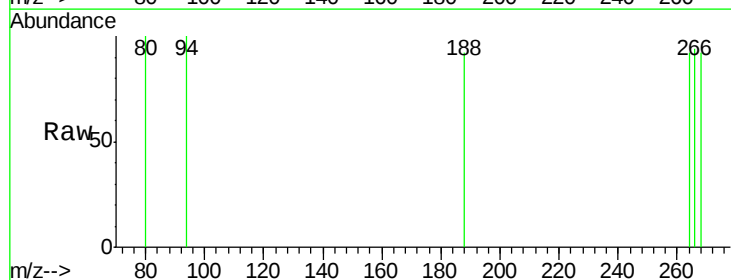
Instrument :
BNA_E
LabSampleId :
SSTDIC0.8

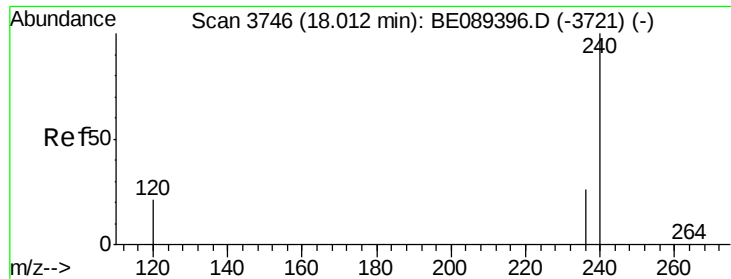
Tgt Ion:198 Resp: 109
Ion Ratio Lower Upper
198 100
51 121.1 49.4 89.4#
105 94.4 39.8 79.8#



#21
Pentachlorophenol
Concen: 0.06 ng
RT: 12.23 min Scan# 2479
Delta R.T. -0.22 min
Lab File: BE089394.D
Acq: 10 Jan 2015 00:02

Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
268 97.8 72.6 108.8
264 97.8 74.1 111.1





#22

Chrysene-d12

Concen: 5.00 ng

RT: 18.02 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

Instrument :

BNA_E

LabSampleId :

SSTDIC0.8

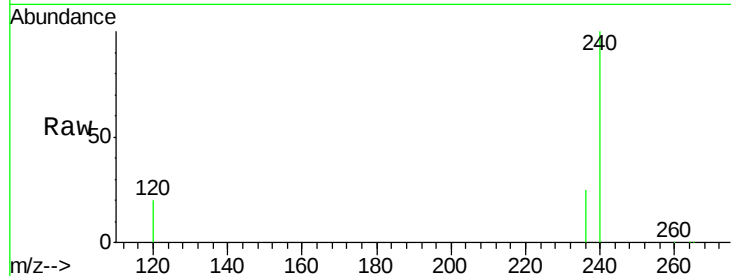
Tgt Ion:240 Resp: 53715

Ion Ratio Lower Upper

240 100

120 20.3 17.0 25.4

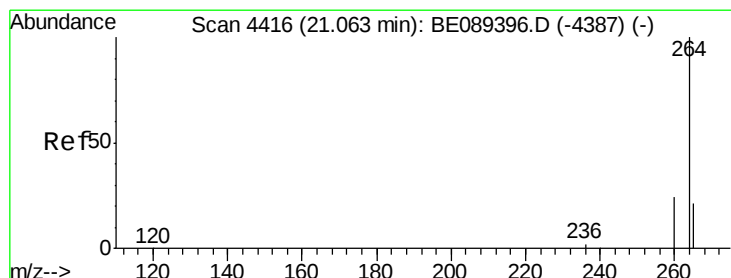
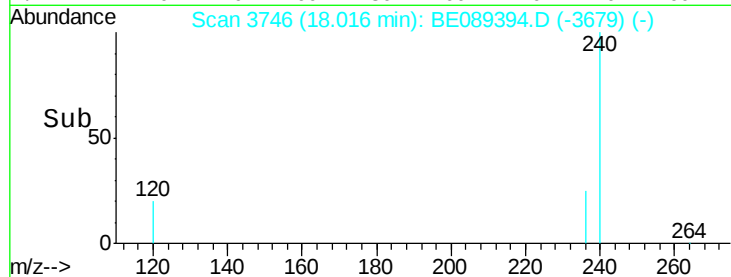
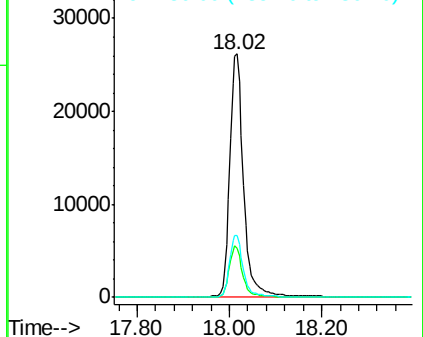
236 25.4 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#23

Perylene-d12

Concen: 5.00 ng

RT: 21.06 min Scan# 4415

Delta R.T. 0.00 min

Lab File: BE089394.D

Acq: 10 Jan 2015 00:02

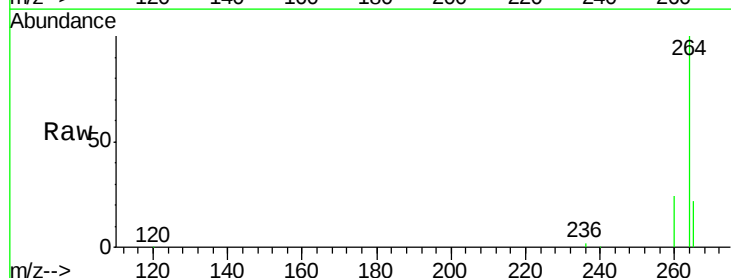
Tgt Ion:264 Resp: 46788

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.5 17.3 25.9



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

