

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
 Data File : BE089392.D
 Acq On : 9 Jan 2015 22:57
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

Quant Time: Jan 12 01:32:17 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	34720	5.00	ng	0.00
8) Naphthalene-d8	8.48	136	127963	5.00	ng	0.00
13) Acenaphthene-d10	10.63	164	59753	5.00	ng	0.00
19) Phenanthrene-d10	12.68	188	89280	5.00	ng	0.00
22) Chrysene-d12	18.02	240	68639	5.00	ng	0.00
23) Perylene-d12	21.06	264	63047	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	5.31	112	518	0.06	ng	0.03
3) Phenol-d6	6.60	99	929	0.08	ng	0.02
14) 2,4,6-Tribromophenol	11.67	330	115	0.06	ng	0.02

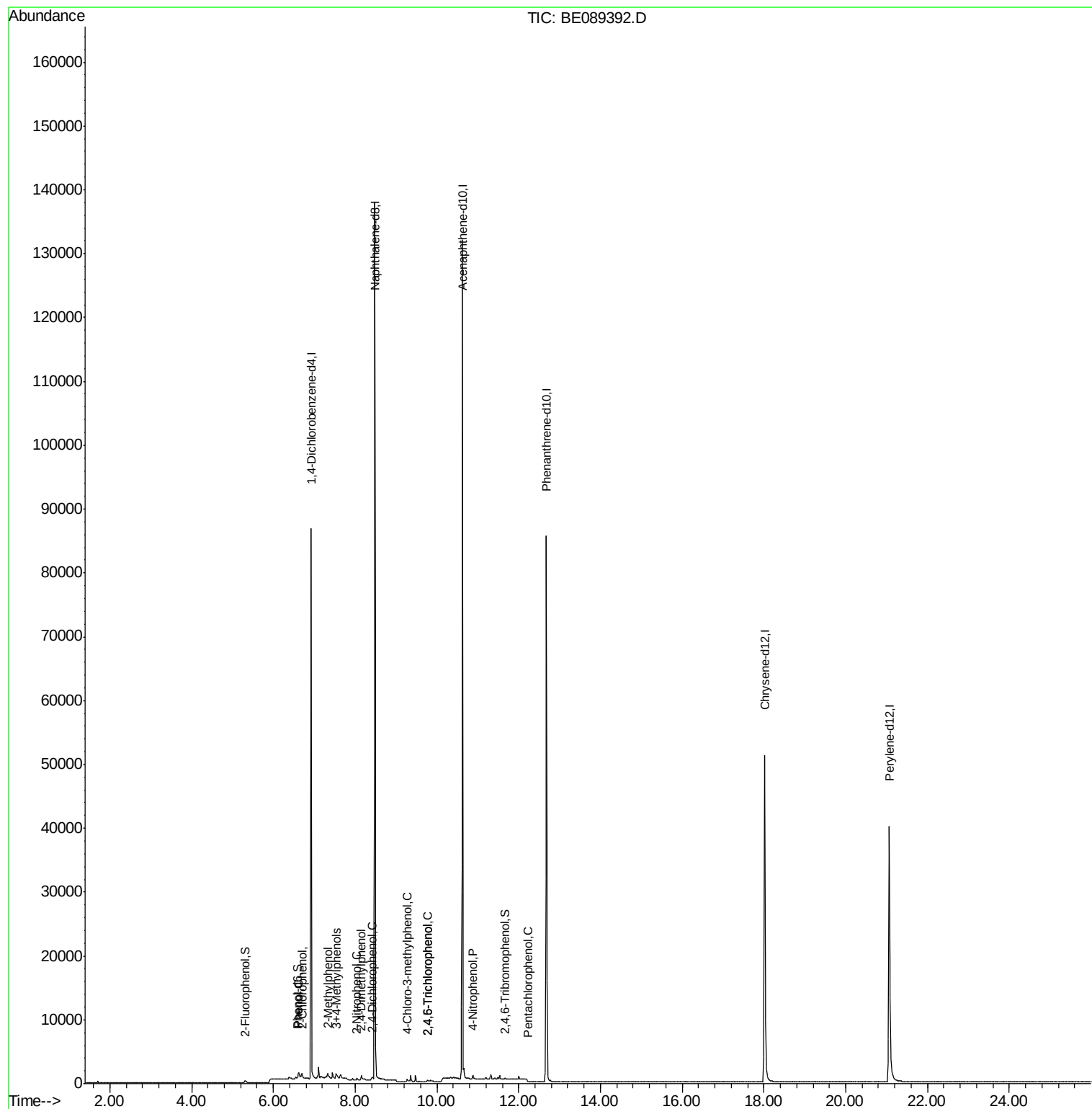
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) 2-Chlorophenol	6.70	128	806	0.08	ng	80
5) Phenol	6.62	94	1016	0.07	ng	# 64
6) 2-Methylphenol	7.34	107	601	0.06	ng	94
7) 3+4-Methylphenols	7.54	107	676	0.07	ng	84
9) 2-Nitrophenol	8.04	139	413	0.09	ng	# 79
10) 2,4-Dimethylphenol	8.15	122	631	0.08	ng	88
11) 2,4-Dichlorophenol	8.40	162	513	0.07	ng	# 76
12) 4-Chloro-3-methylphenol	9.27	107	564	0.08	ng	89
15) 2,4,6-Trichlorophenol	9.77	196	263	0.06	ng	# 81
16) 2,4,5-Trichlorophenol	9.77	196	263	0.06	ng	86
18) 4-Nitrophenol	10.89	139	646	0.07	ng	74
21) Pentachlorophenol	12.23	266	109	0.09	ng	95

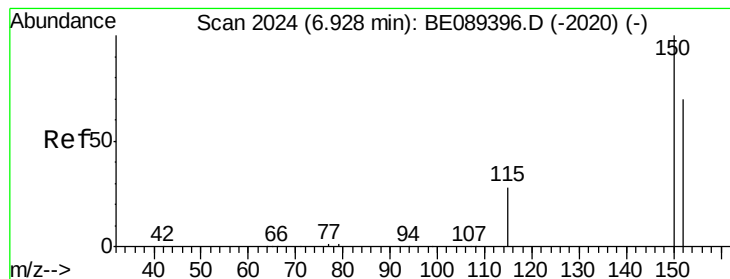
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Jan 12 01:32:17 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE010915.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.93 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2

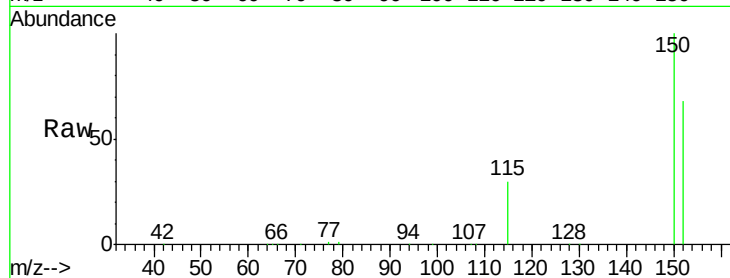
Tgt Ion:152 Resp: 34720

Ion Ratio Lower Upper

152 100

150 146.7 114.2 171.2

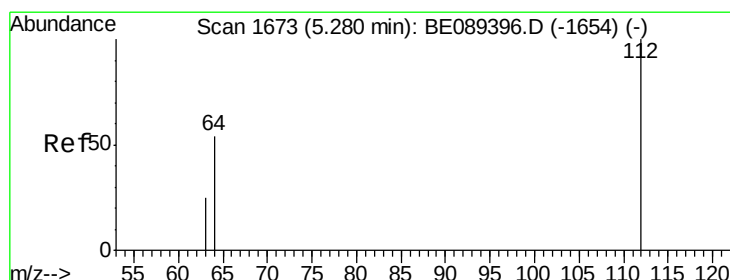
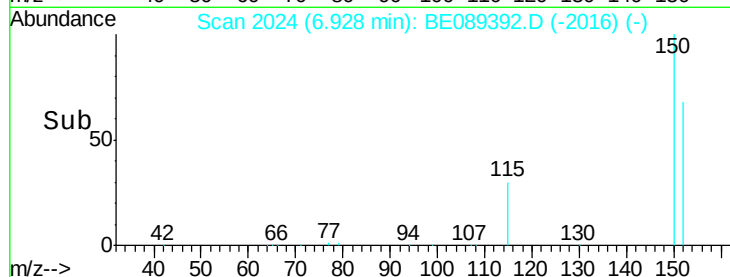
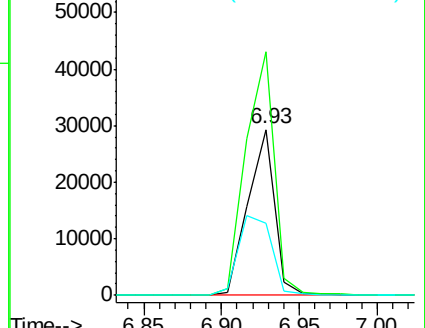
115 43.4 31.8 47.8



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: 0.06 ng

RT: 5.31 min Scan# 1684

Delta R.T. 0.03 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

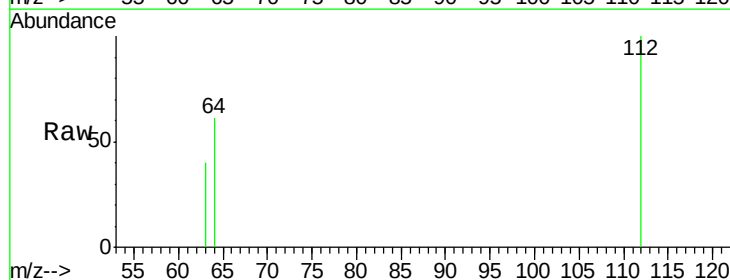
Tgt Ion:112 Resp: 518

Ion Ratio Lower Upper

112 100

64 60.5 43.8 65.8

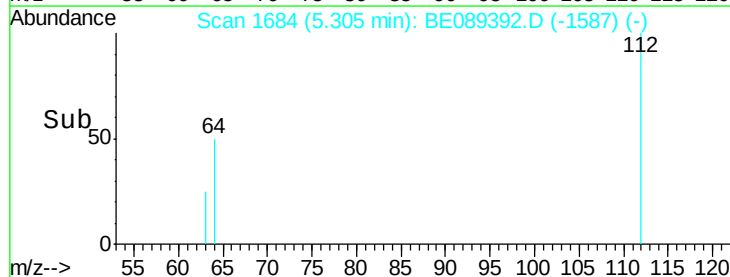
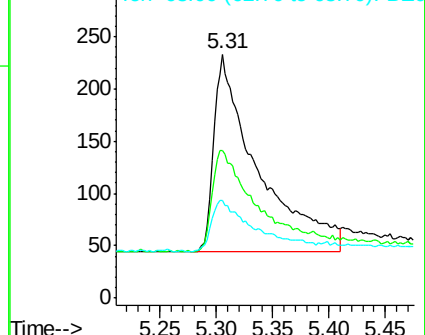
63 39.9 20.9 31.3#

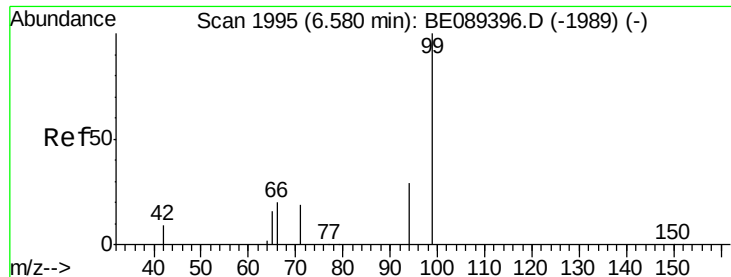


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 0.08 ng

RT: 6.60 min Scan# 1997

Delta R.T. 0.02 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2

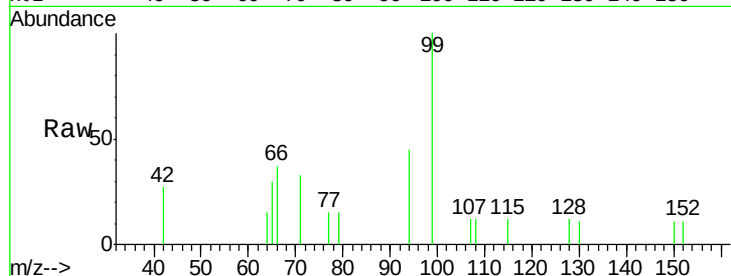
Tgt Ion: 99 Resp: 929

Ion Ratio Lower Upper

99 100

42 27.5 7.8 11.8#

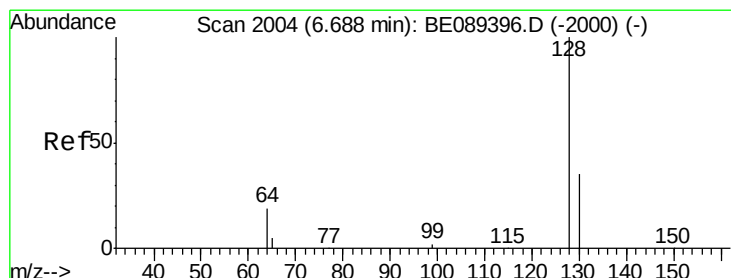
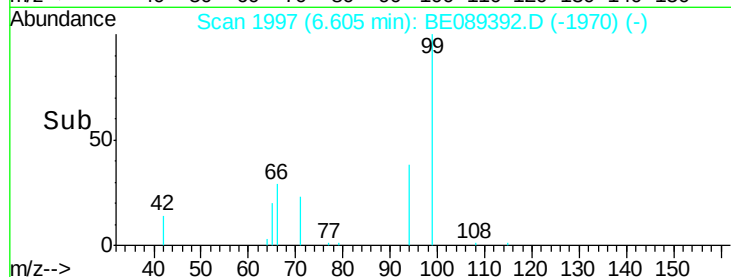
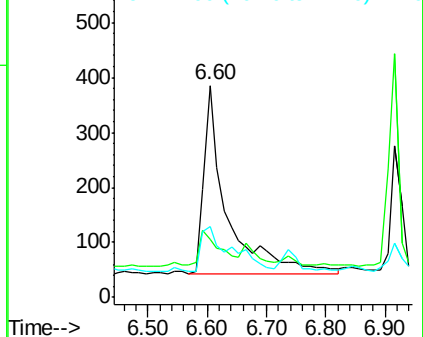
71 33.2 15.4 23.0#



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: 0.08 ng

RT: 6.70 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

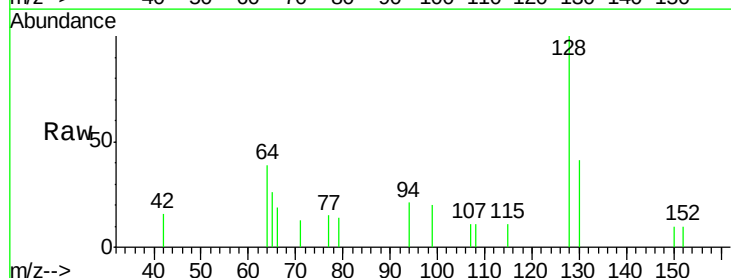
Tgt Ion: 128 Resp: 806

Ion Ratio Lower Upper

128 100

130 41.4 15.6 55.6

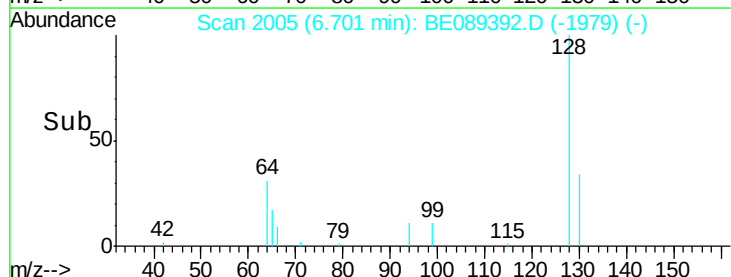
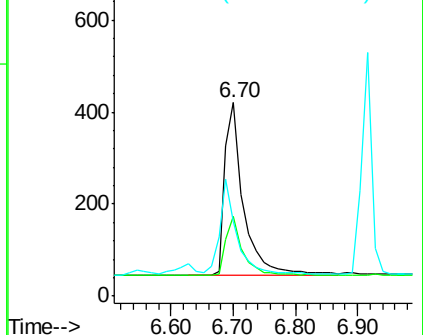
64 38.6 0.8 40.8

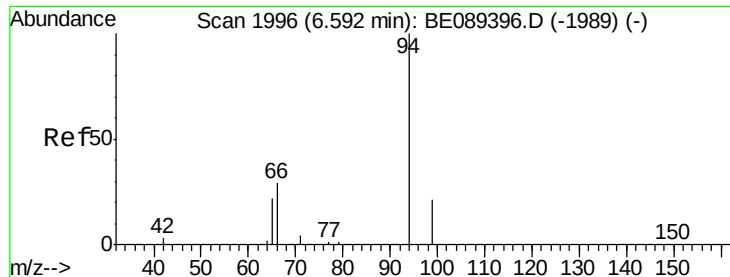


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 0.07 ng

RT: 6.62 min Scan# 1998

Delta R.T. 0.02 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Instrument :

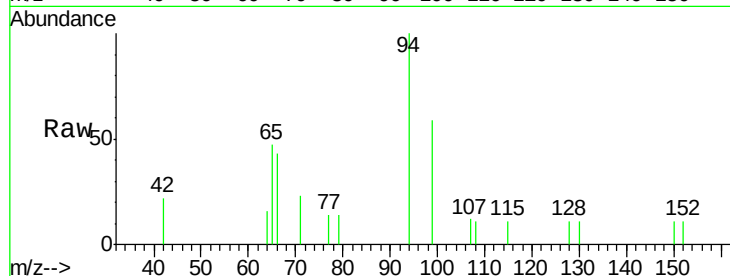
BNA_E

LabSampleId :

SSTDIC0.2

Tgt Ion: 94 Resp: 1016

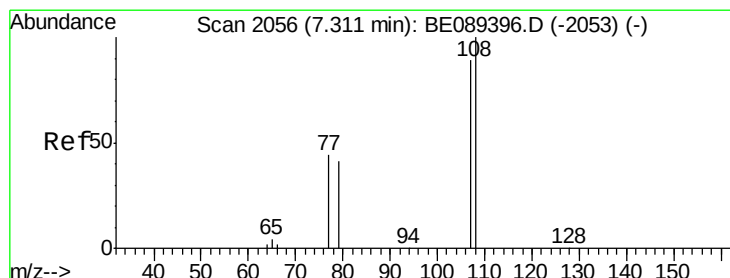
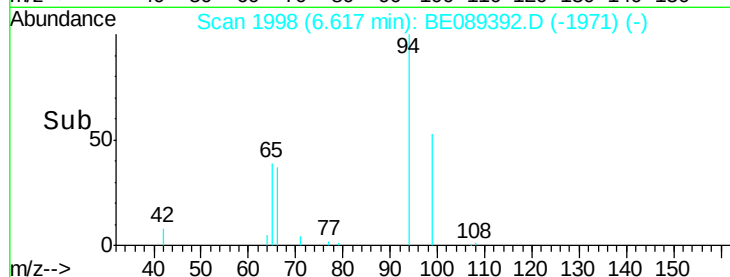
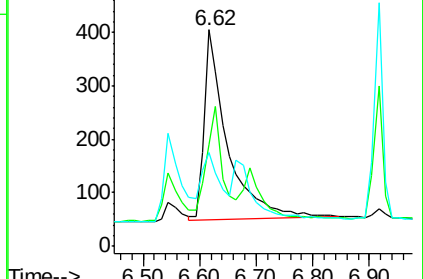
Ion	Ratio	Lower	Upper
94	100		
65	46.7	2.6	42.6#
66	43.5	9.5	49.5



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: 0.06 ng

RT: 7.34 min Scan# 2058

Delta R.T. 0.02 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Tgt Ion: 107 Resp: 601

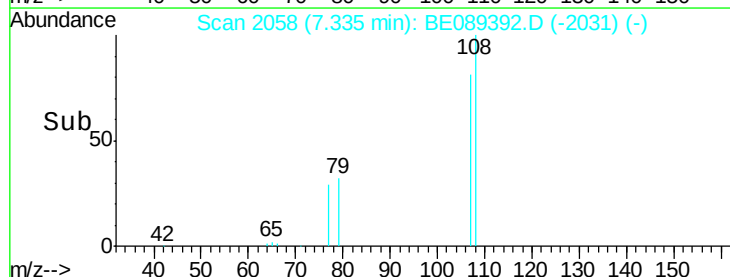
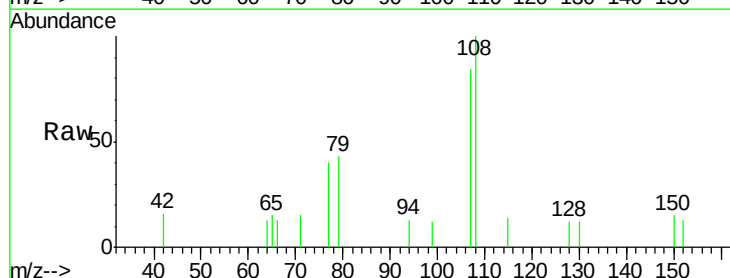
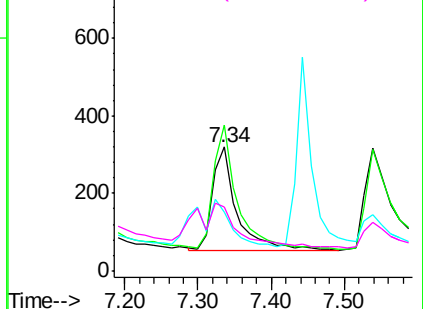
Ion	Ratio	Lower	Upper
107	100		
108	118.5	90.7	136.1
77	47.6	45.1	67.7
79	51.4	42.0	63.0

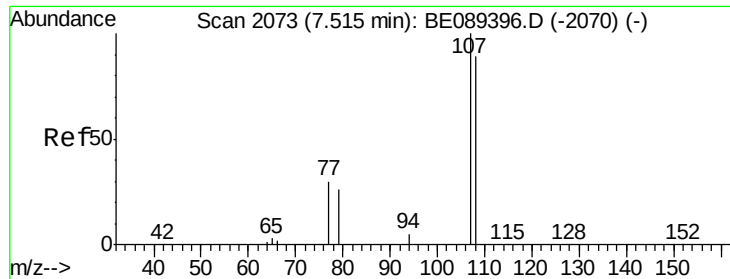
Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.07 ng

RT: 7.54 min Scan# 2075

Delta R.T. 0.02 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Instrument :

BNA_E

LabSampleId :

SSTDICC0.2

Tgt Ion:107 Resp: 676

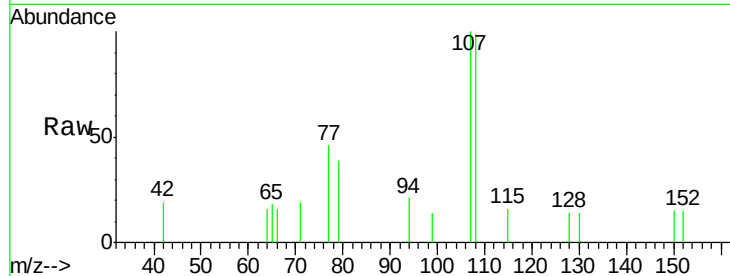
Ion Ratio Lower Upper

107 100

108 99.1 69.4 109.4

77 45.6 12.6 52.6

79 39.3 6.9 46.9

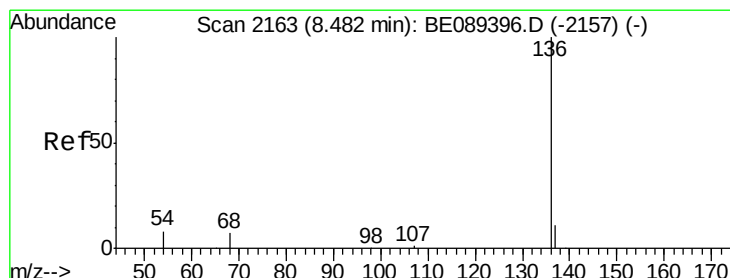
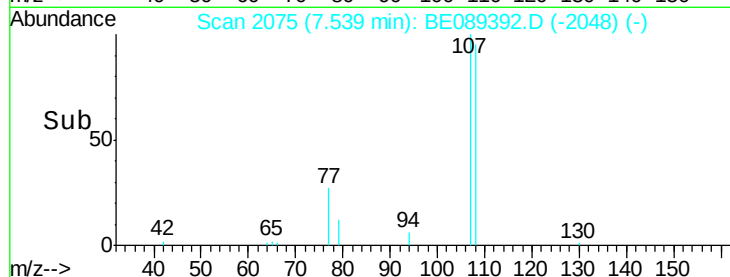
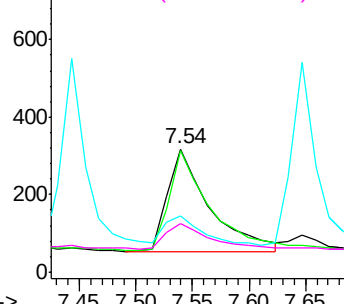


Abundance Ion 107.00 (106.70 to 107.70): E

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# 2163

Delta R.T. -0.00 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Tgt Ion:136 Resp: 127963

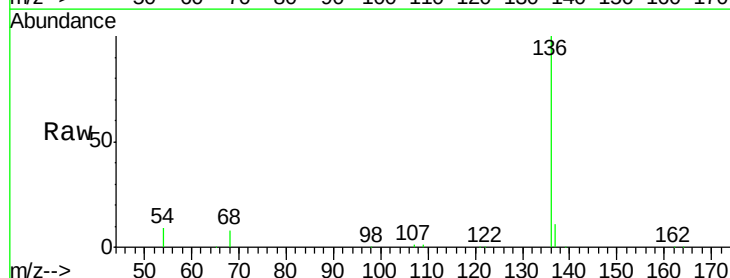
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 8.9 6.6 10.0

68 7.9 6.0 9.0

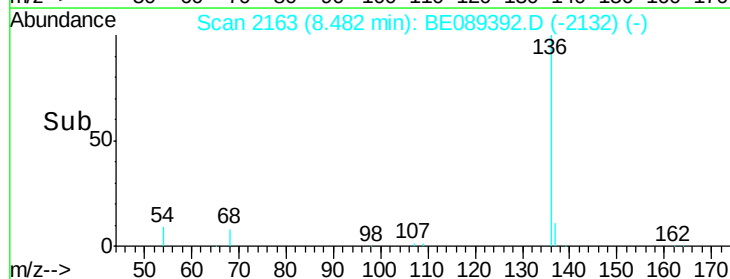
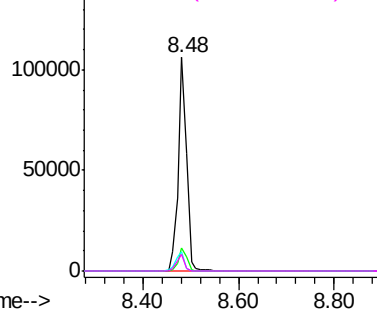


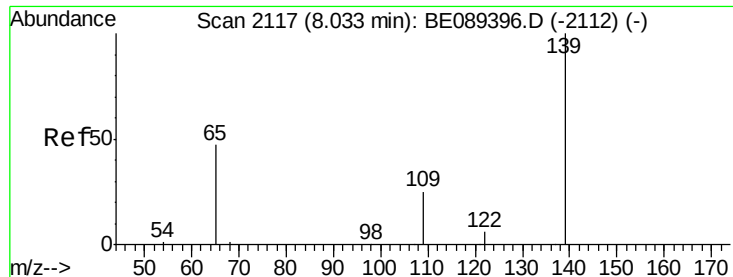
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.09 ng

RT: 8.04 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2

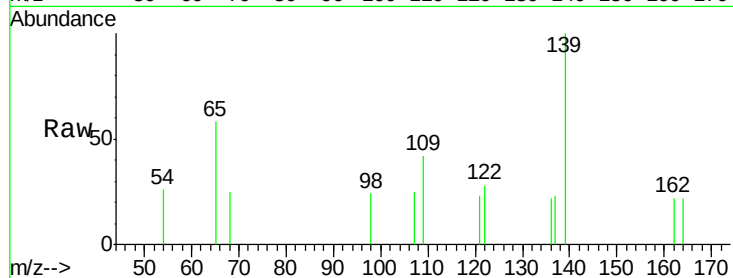
Tgt Ion:139 Resp: 413

Ion Ratio Lower Upper

139 100

109 42.4 21.2 31.8#

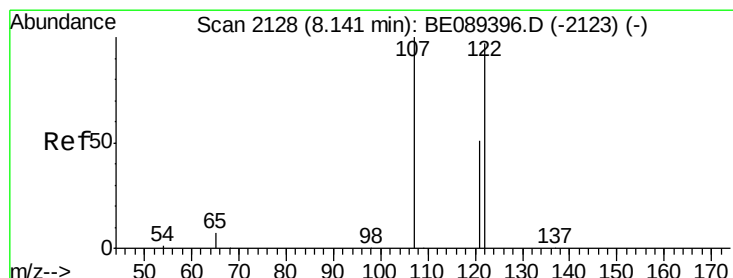
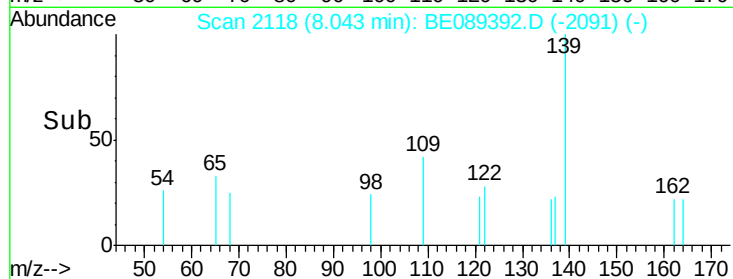
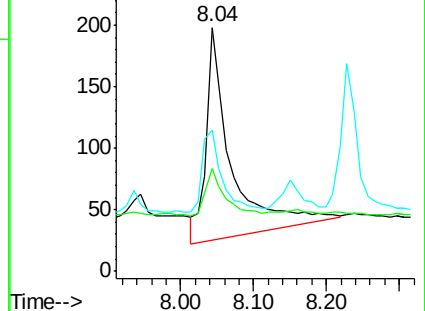
65 58.1 38.1 57.1#



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: 0.08 ng

RT: 8.15 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

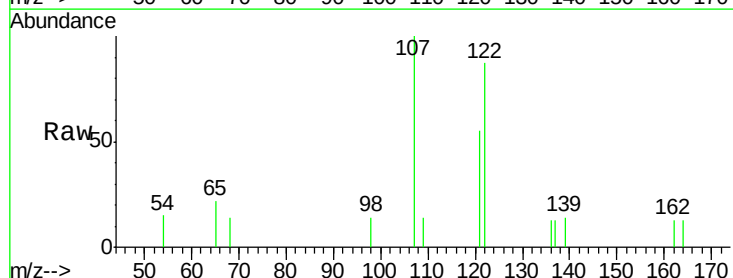
Tgt Ion:122 Resp: 631

Ion Ratio Lower Upper

122 100

107 114.9 82.5 123.7

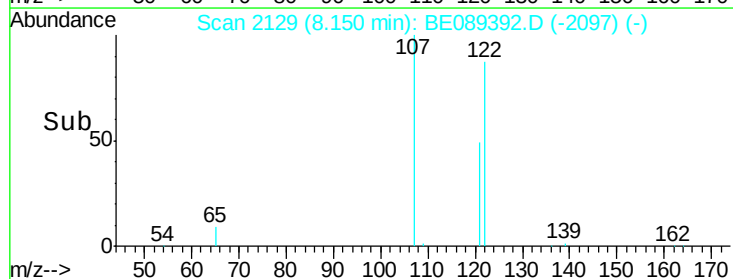
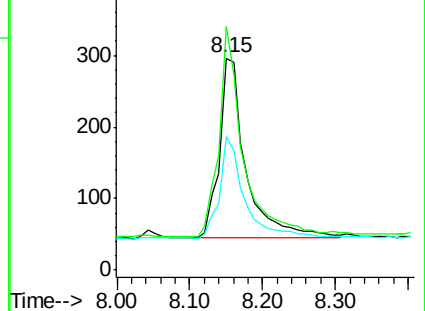
121 63.2 42.6 64.0

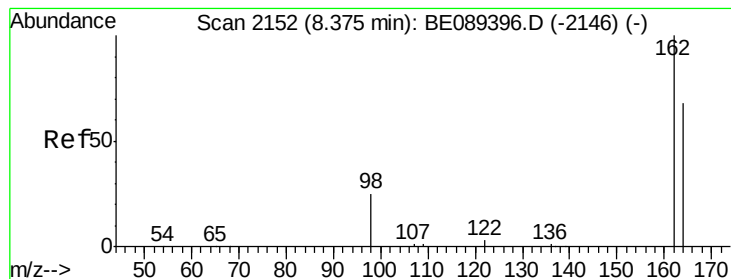


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#11

2,4-Dichlorophenol

Concen: 0.07 ng

RT: 8.40 min Scan# 2155

Delta R.T. 0.03 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2

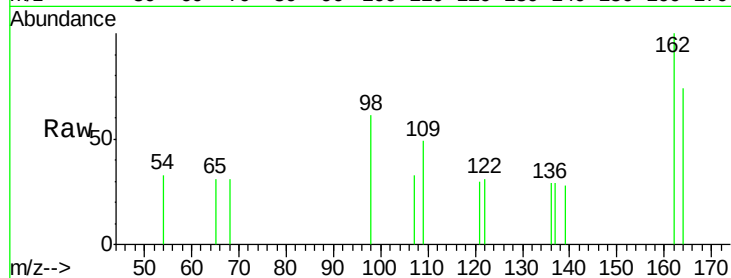
Tgt Ion:162 Resp: 513

Ion Ratio Lower Upper

162 100

164 73.7 48.0 88.0

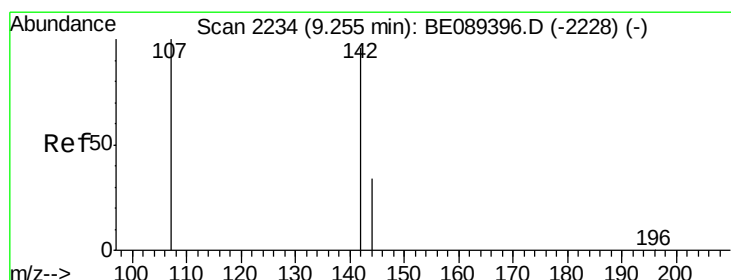
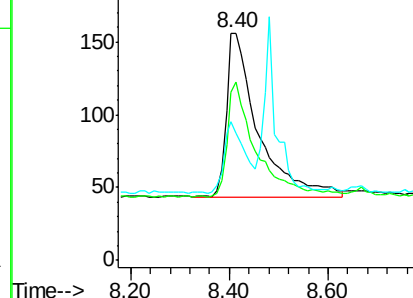
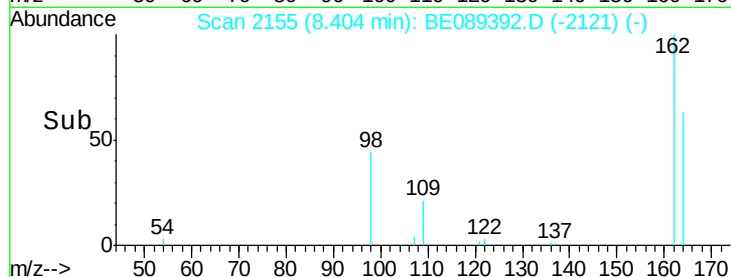
98 60.9 5.8 45.8#



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): BE0



#12

4-Chloro-3-methylphenol

Concen: 0.08 ng

RT: 9.27 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

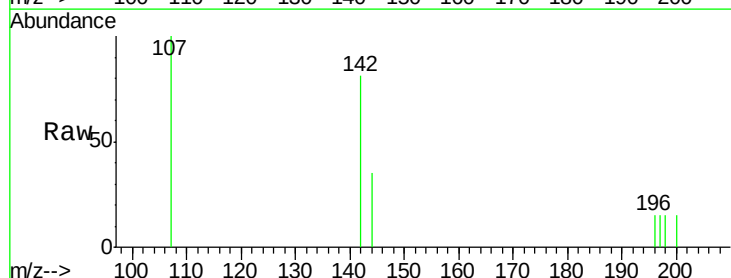
Tgt Ion:107 Resp: 564

Ion Ratio Lower Upper

107 100

144 35.0 27.4 41.2

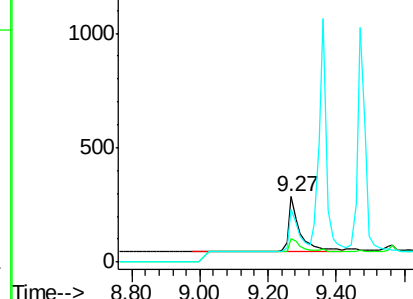
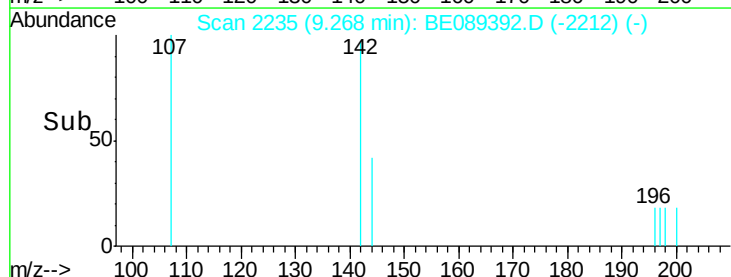
142 81.5 76.6 114.8

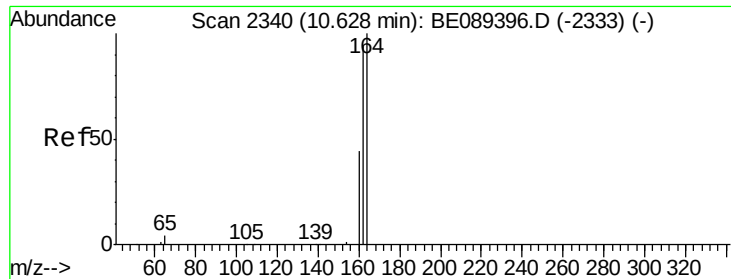


Abundance Ion 107.00 (106.70 to 107.70): E

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# 2340

Delta R.T. -0.00 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Instrument :

BNA_E

LabSampleId :

SSTDICC0.2

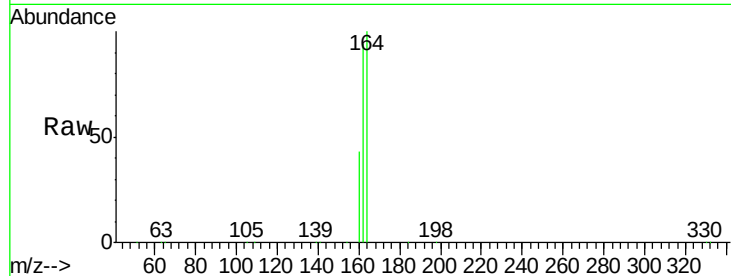
Tgt Ion:164 Resp: 59753

Ion Ratio Lower Upper

164 100

162 93.5 75.2 112.8

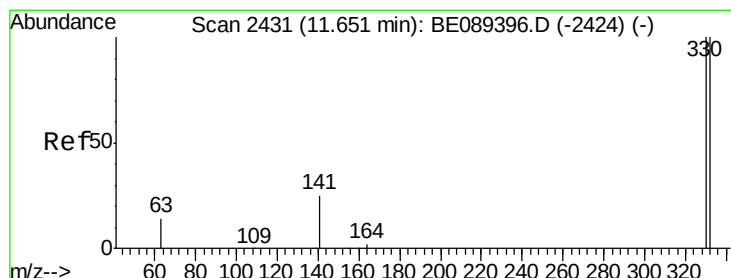
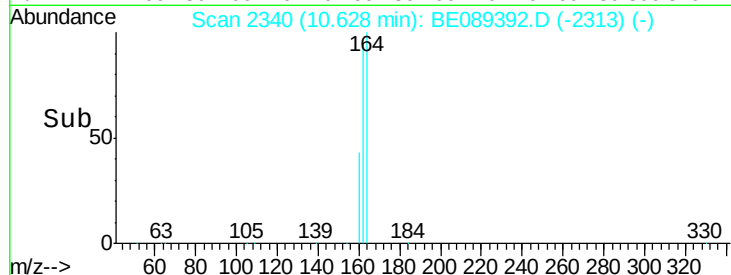
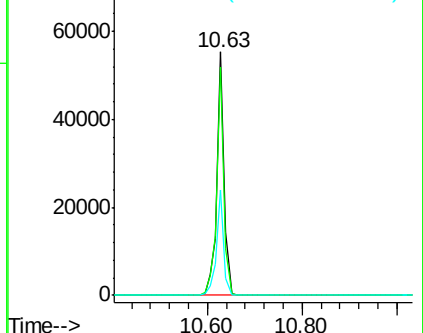
160 43.1 35.0 52.4



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: 0.06 ng

RT: 11.67 min Scan# 2433

Delta R.T. 0.02 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

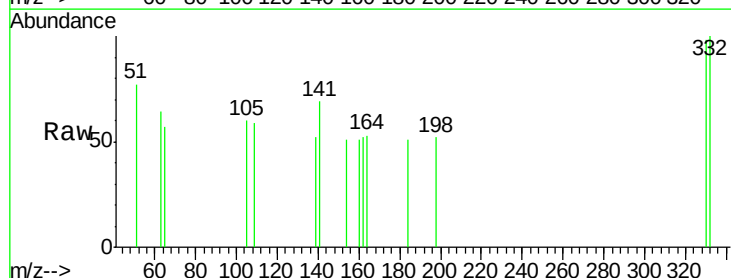
Tgt Ion:330 Resp: 115

Ion Ratio Lower Upper

330 100

332 83.5 76.6 115.0

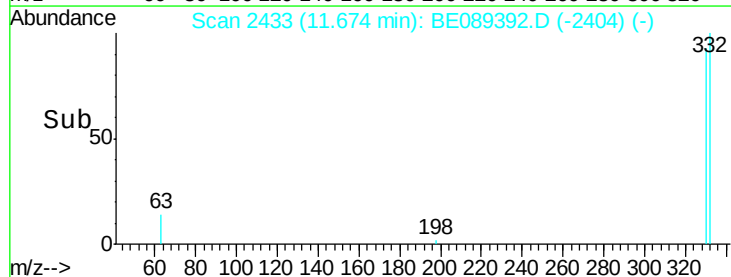
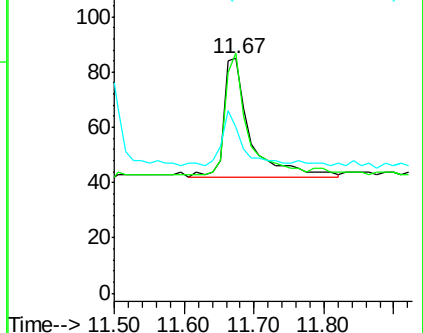
141 35.7 29.9 44.9

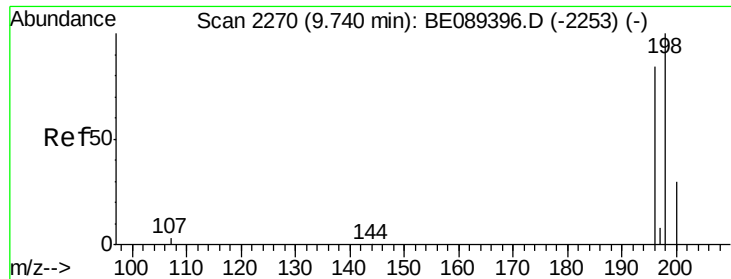


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

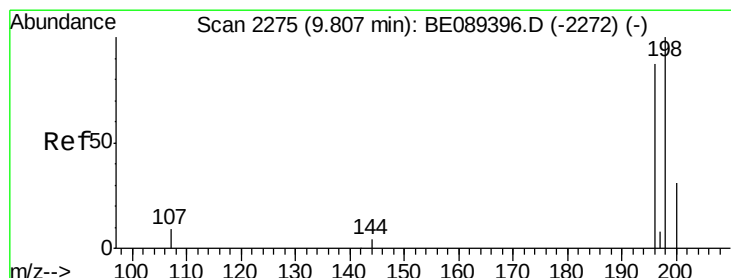
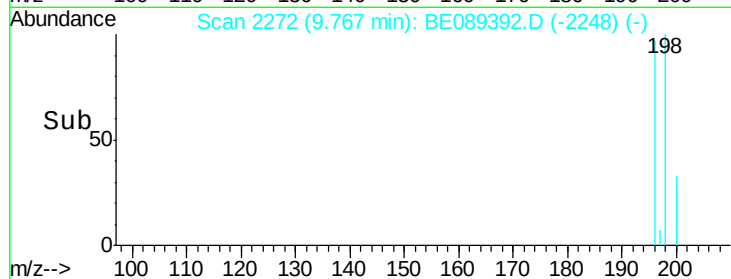
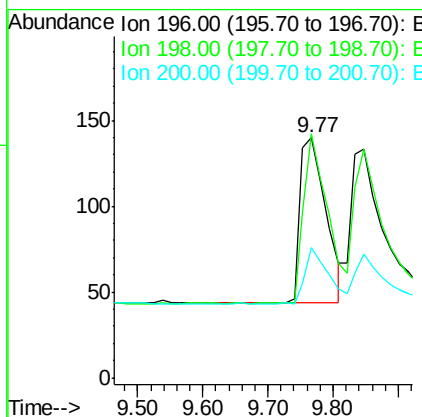
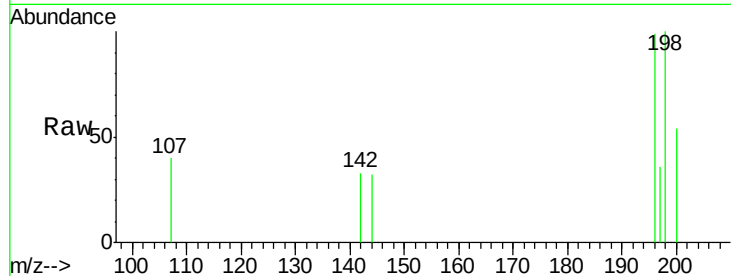




#15
 2,4,6-Trichlorophenol
 Concen: 0.06 ng
 RT: 9.77 min Scan# 2272
 Delta R.T. 0.03 min
 Lab File: BE089392.D
 Acq: 9 Jan 2015 22:57

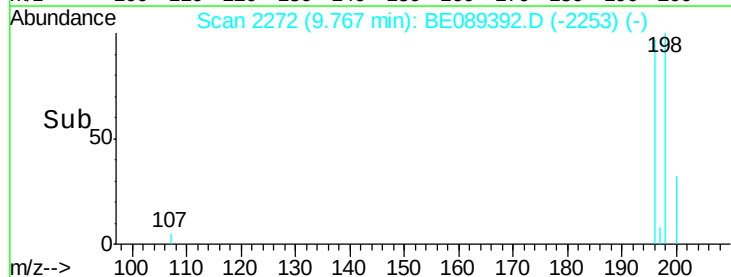
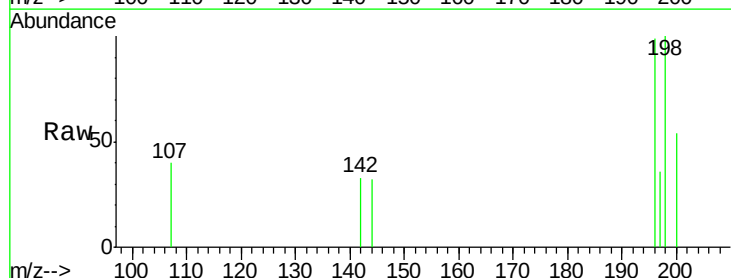
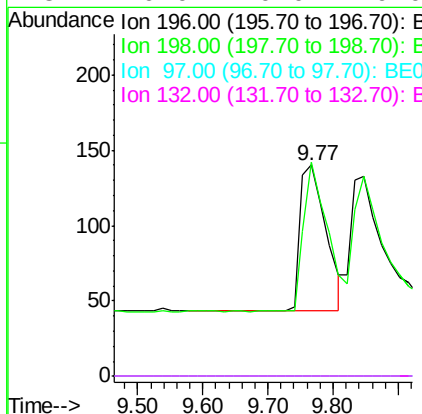
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

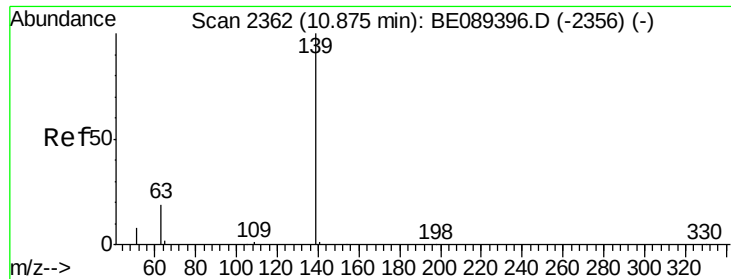
Tgt Ion:196 Resp: 263
 Ion Ratio Lower Upper
 196 100
 198 101.4 95.3 142.9
 200 54.3 29.8 44.6#



#16
 2,4,5-Trichlorophenol
 Concen: 0.06 ng
 RT: 9.77 min Scan# 2272
 Delta R.T. -0.04 min
 Lab File: BE089392.D
 Acq: 9 Jan 2015 22:57

Tgt Ion:196 Resp: 263
 Ion Ratio Lower Upper
 196 100
 198 101.4 93.4 140.2
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0





#18

4-Nitrophenol

Concen: 0.07 ng

RT: 10.89 min Scan# 2363

Delta R.T. 0.01 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2

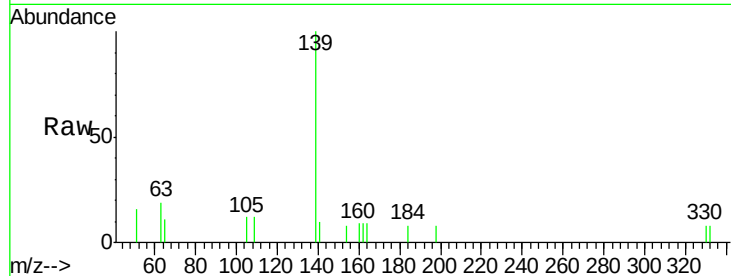
Tgt Ion:139 Resp: 646

Ion Ratio Lower Upper

139 100

109 12.3 0.0 22.1

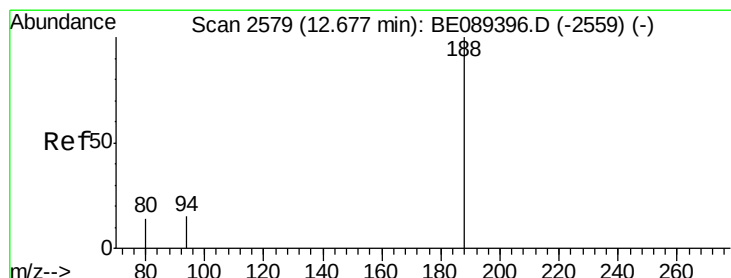
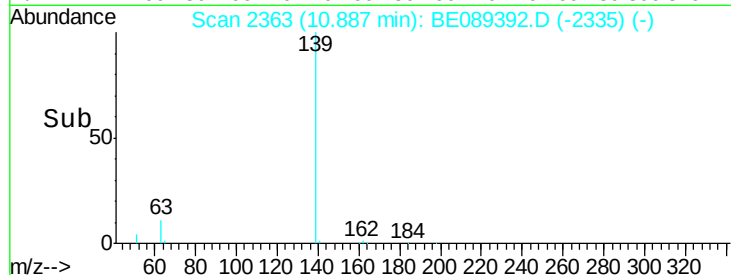
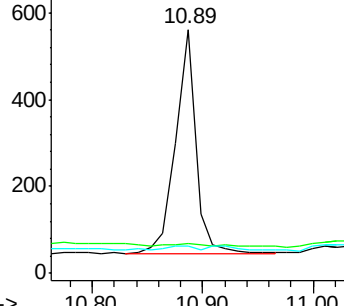
65 11.1 0.0 23.3



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# 2580

Delta R.T. 0.00 min

Lab File: BE089392.D

Acq: 9 Jan 2015 22:57

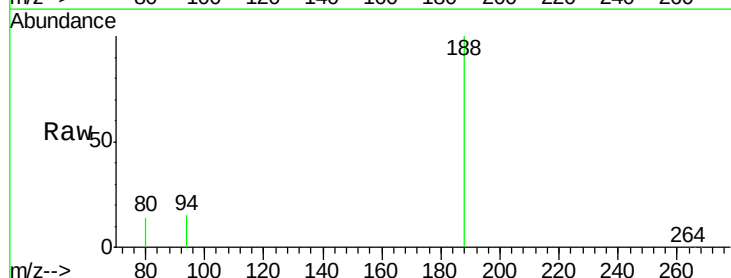
Tgt Ion:188 Resp: 89280

Ion Ratio Lower Upper

188 100

94 14.9 12.1 18.1

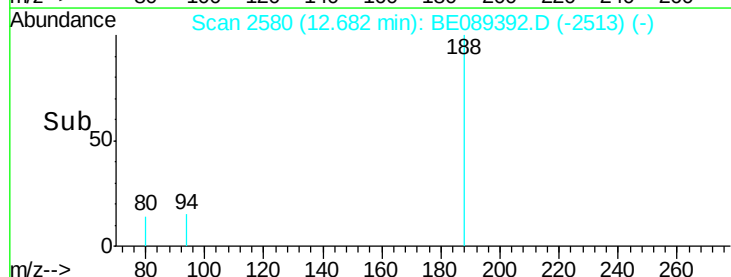
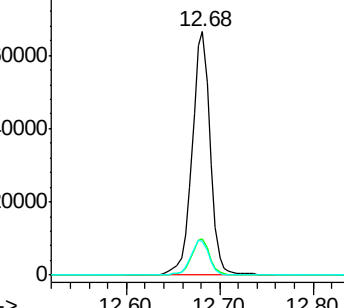
80 14.0 11.6 17.4

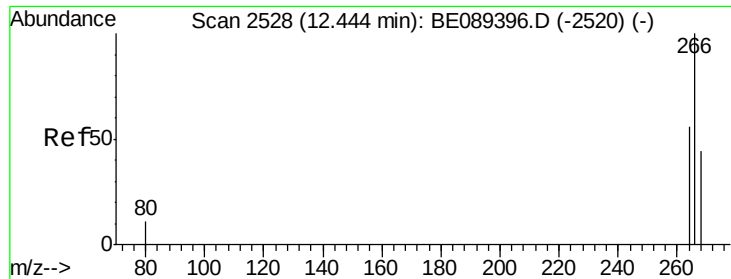


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

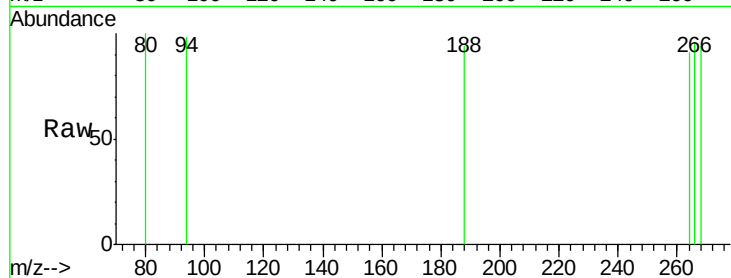




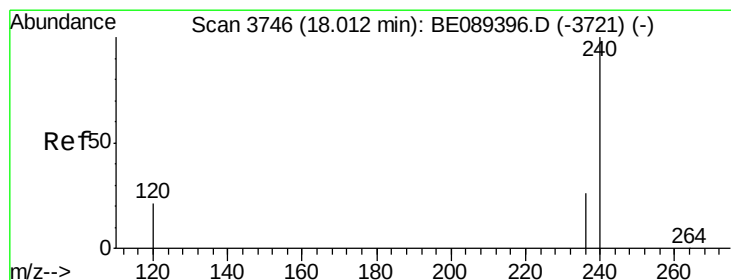
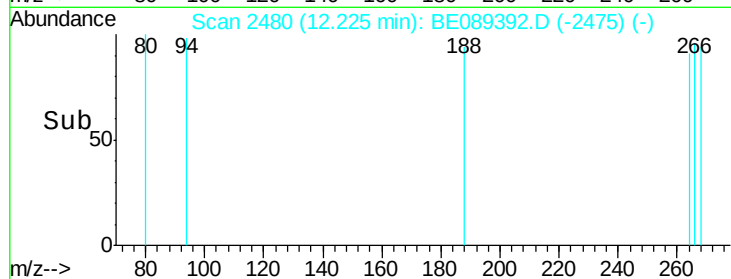
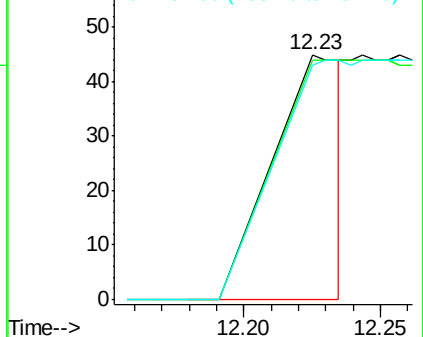
#21
 Pentachlorophenol
 Concen: 0.09 ng
 RT: 12.23 min Scan# 2480
 Delta R.T. -0.22 min
 Lab File: BE089392.D
 Acq: 9 Jan 2015 22:57

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.2

Tgt Ion: 266 Resp: 109
 Ion Ratio Lower Upper
 266 100
 268 97.8 72.6 108.8
 264 95.6 74.1 111.1

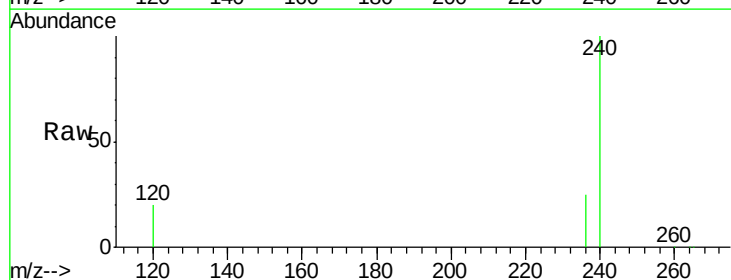


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

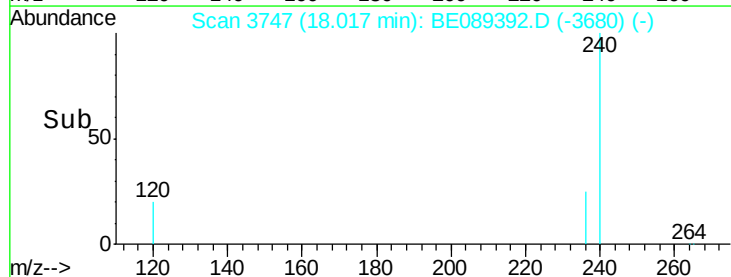
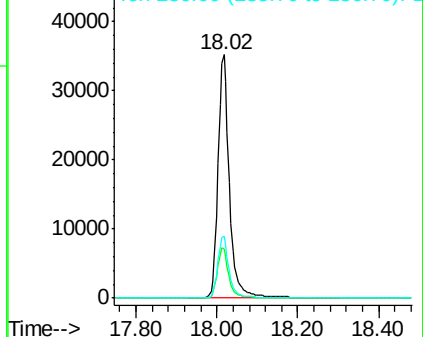


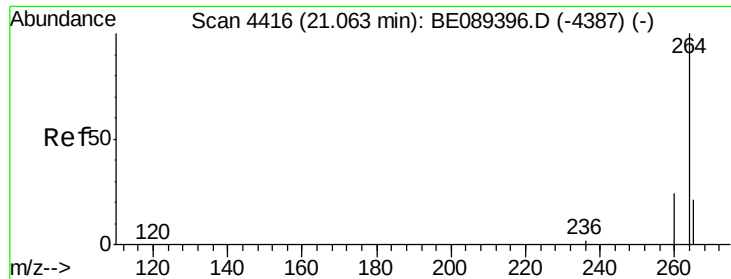
#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.02 min Scan# 3747
 Delta R.T. 0.01 min
 Lab File: BE089392.D
 Acq: 9 Jan 2015 22:57

Tgt Ion: 240 Resp: 68639
 Ion Ratio Lower Upper
 240 100
 120 20.3 17.0 25.4
 236 25.5 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# 4416

Delta R.T. 0.00 min

Lab File: BE089392.D

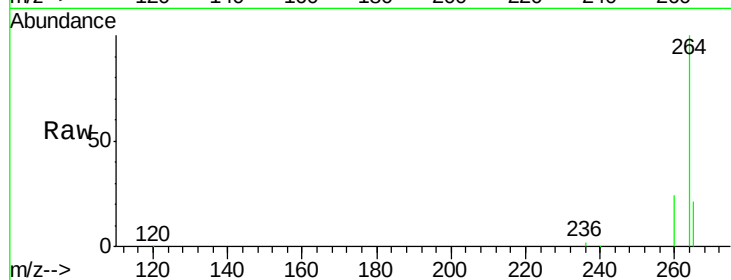
Acq: 9 Jan 2015 22:57

Instrument :

BNA_E

LabSampleId :

SSTDIC0.2



Tgt Ion: 264 Resp: 63047

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.4 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

