

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
 Data File : BE089398.D
 Acq On : 10 Jan 2015 2:16
 Operator : TP/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

Quant Time: Jan 12 01:33:36 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

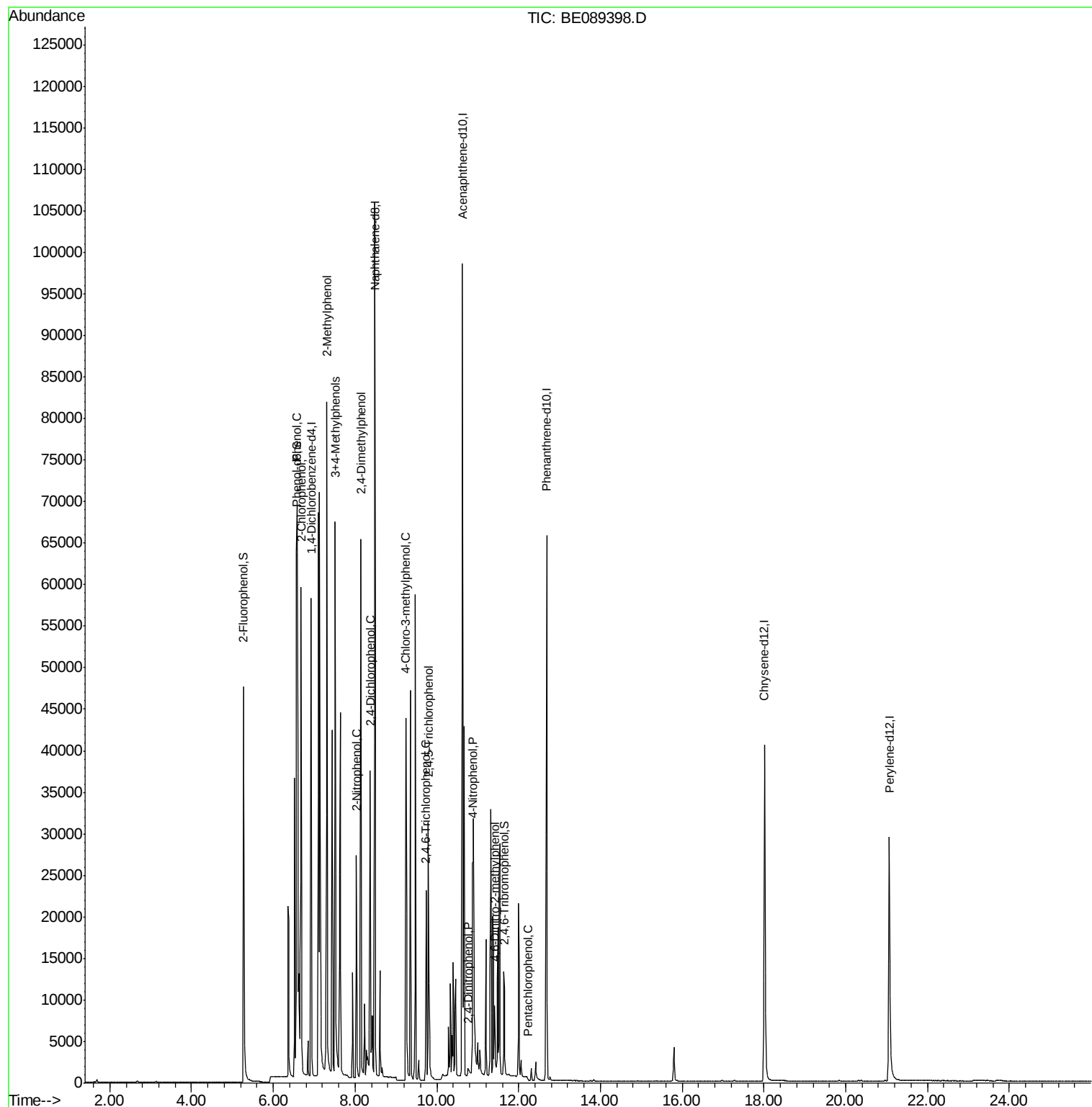
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	25398	5.00	ng	0.00
8) Naphthalene-d8	8.48	136	95662	5.00	ng	0.00
13) Acenaphthene-d10	10.63	164	44773	5.00	ng	0.00
19) Phenanthrene-d10	12.68	188	68955	5.00	ng	0.00
22) Chrysene-d12	18.02	240	53161	5.00	ng	0.00
23) Perylene-d12	21.06	264	47761	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.27	112	32949	5.12	ng	0.00
3) Phenol-d6	6.57	99	41286	4.85	ng	-0.01
14) 2,4,6-Tribromophenol	11.65	330	7212	4.98	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.68	128	37035	5.19	ng	85
5) Phenol	6.58	94	49610	4.81	ng	81
6) 2-Methylphenol	7.31	107	29247	3.76	ng	# 89
7) 3+4-Methylphenols	7.52	107	36818	5.26	ng	92
9) 2-Nitrophenol	8.03	139	18007	5.35	ng	# 84
10) 2,4-Dimethylphenol	8.14	122	31318	5.23	ng	# 85
11) 2,4-Dichlorophenol	8.37	162	26592	5.11	ng	97
12) 4-Chloro-3-methylphenol	9.24	107	30484	5.64	ng	# 69
15) 2,4,6-Trichlorophenol	9.73	196	16501	5.42	ng	# 41
16) 2,4,5-Trichlorophenol	9.79	196	17884	5.24	ng	84
17) 2,4-Dinitrophenol	10.76	184	1668	2.35	ng	# 64
18) 4-Nitrophenol	10.87	139	40557	5.80	ng	98
20) 4,6-Dinitro-2-methylphenol	11.41	198	6430	6.01	ng	# 63
21) Pentachlorophenol	12.23	266	114	0.13	ng	97

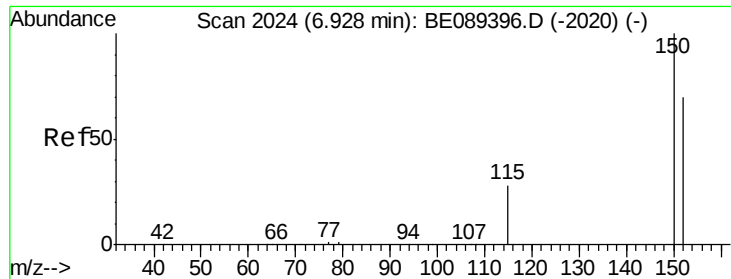
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.93 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

Instrument :

BNA_E

LabSampleId :

SSTDIC005

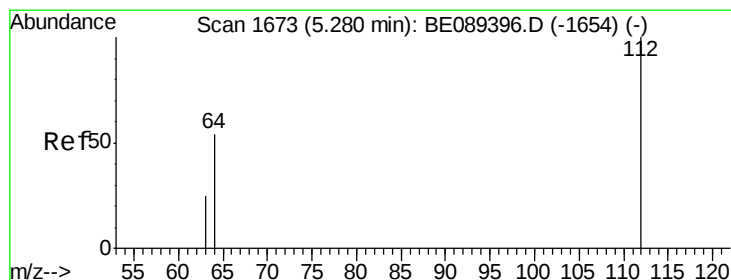
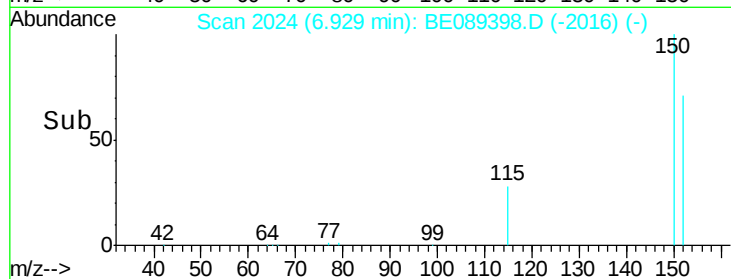
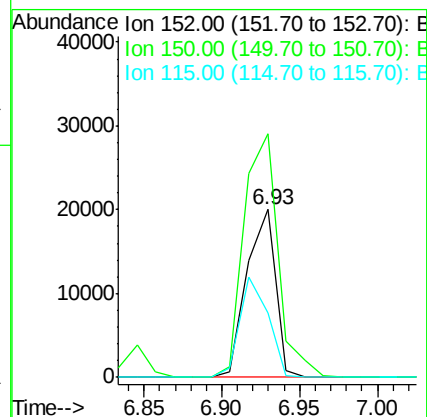
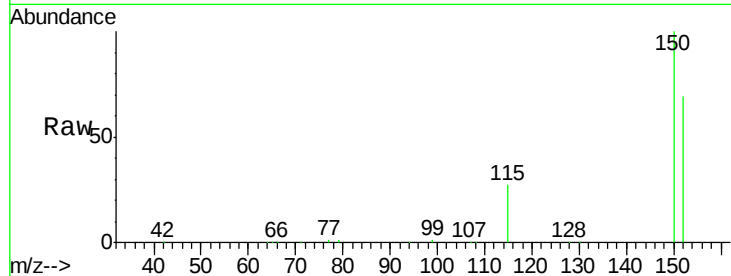
Tgt Ion:152 Resp: 25398

Ion Ratio Lower Upper

152 100

150 145.2 114.2 171.2

115 38.8 31.8 47.8



#2

2-Fluorophenol

Concen: 5.12 ng

RT: 5.27 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

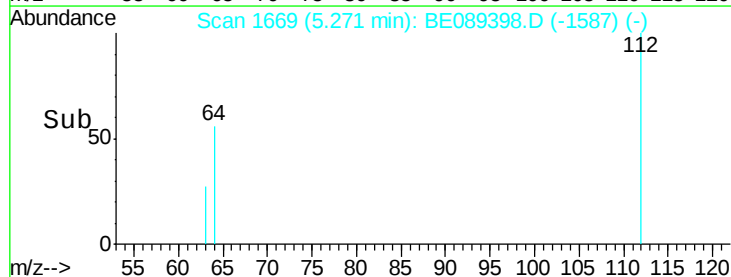
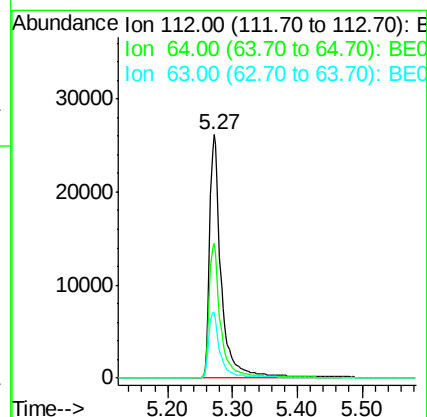
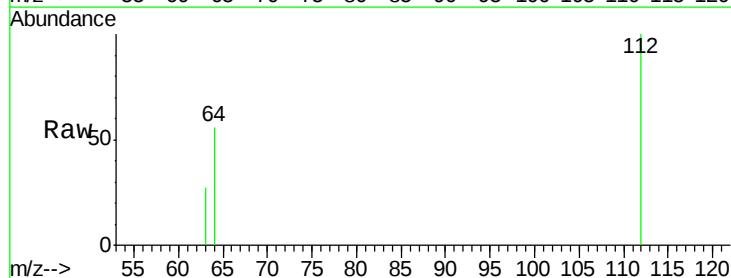
Tgt Ion:112 Resp: 32949

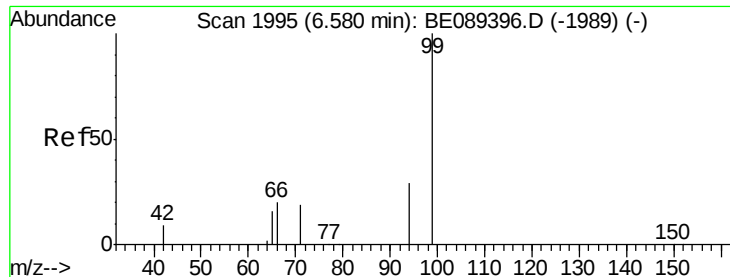
Ion Ratio Lower Upper

112 100

64 55.6 43.8 65.8

63 26.8 20.9 31.3





#3

Phenol-d6

Concen: 4.85 ng

RT: 6.57 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

Instrument :

BNA_E

LabSampleId :

SSTDICC005

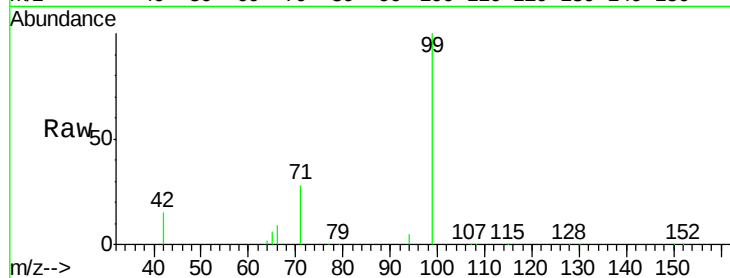
Tgt Ion: 99 Resp: 41286

Ion Ratio Lower Upper

99 100

42 15.0 7.8 11.8#

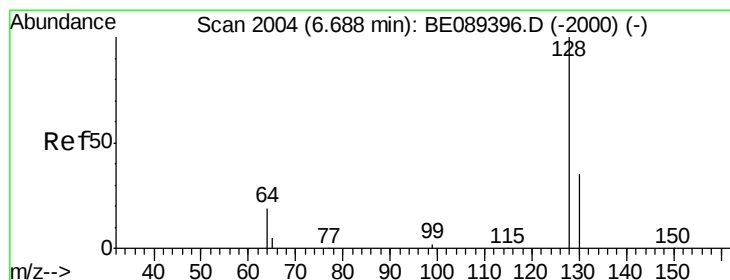
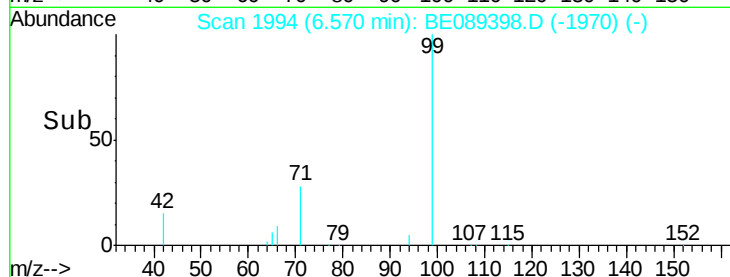
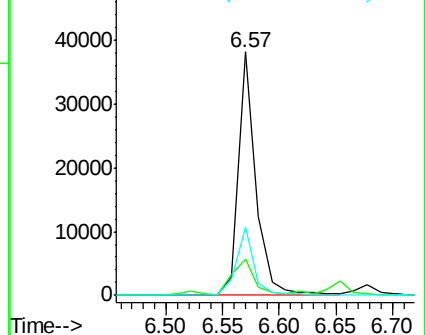
71 27.8 15.4 23.0#



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: 5.19 ng

RT: 6.68 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

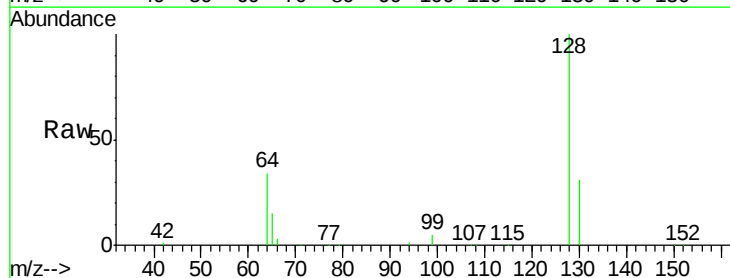
Tgt Ion: 128 Resp: 37035

Ion Ratio Lower Upper

128 100

130 30.9 15.6 55.6

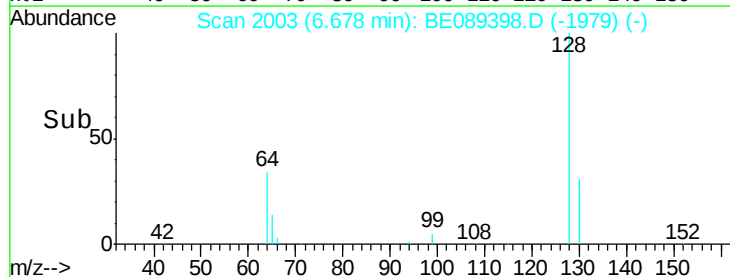
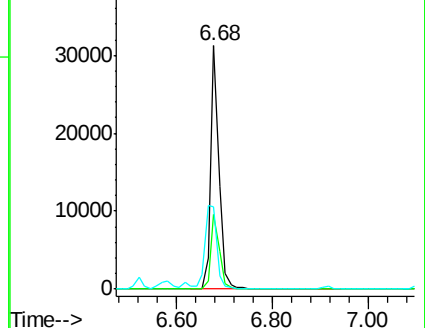
64 33.7 0.8 40.8

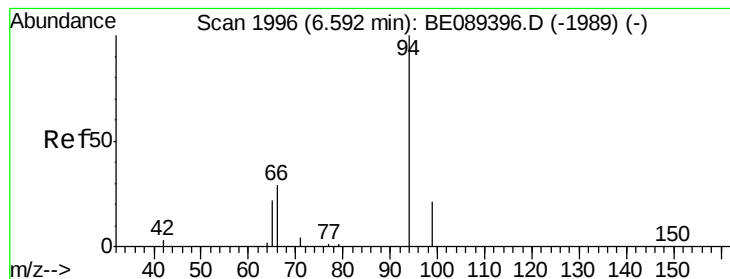


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 4.81 ng

RT: 6.58 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

Instrument :

BNA_E

LabSampleId :

SSTDICC005

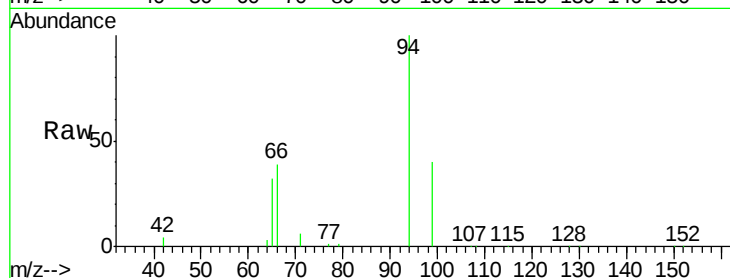
Tgt Ion: 94 Resp: 49610

Ion Ratio Lower Upper

94 100

65 32.2 2.6 42.6

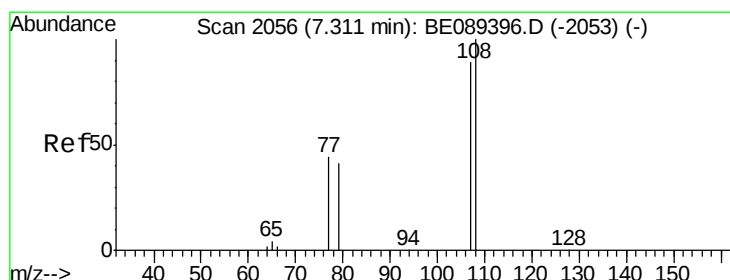
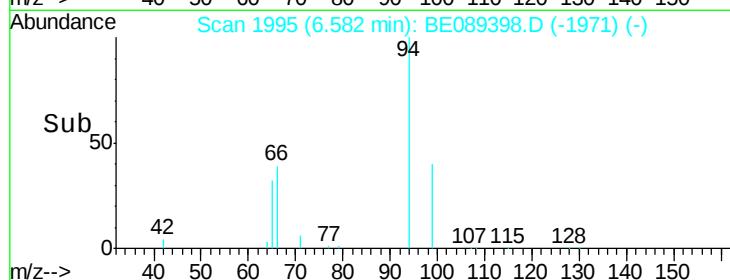
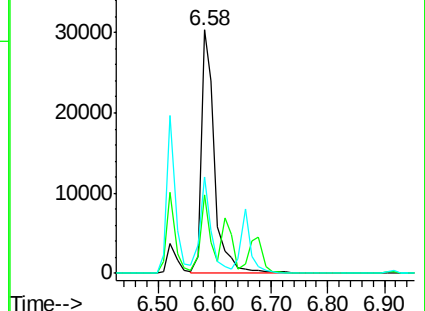
66 39.4 9.5 49.5



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: 3.76 ng

RT: 7.31 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

Tgt Ion: 107 Resp: 29247

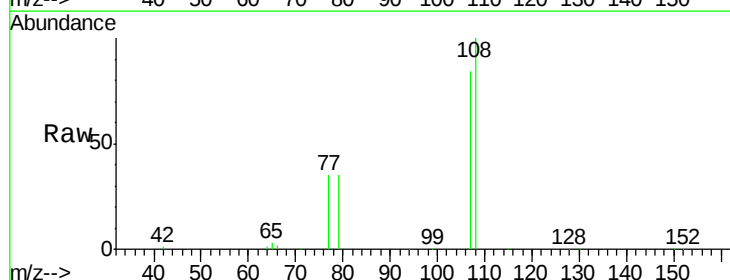
Ion Ratio Lower Upper

107 100

108 119.3 90.7 136.1

77 41.8 45.1 67.7#

79 41.8 42.0 63.0#

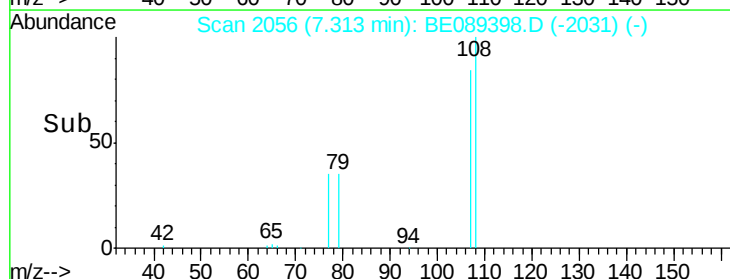
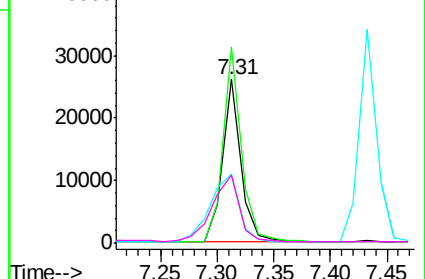


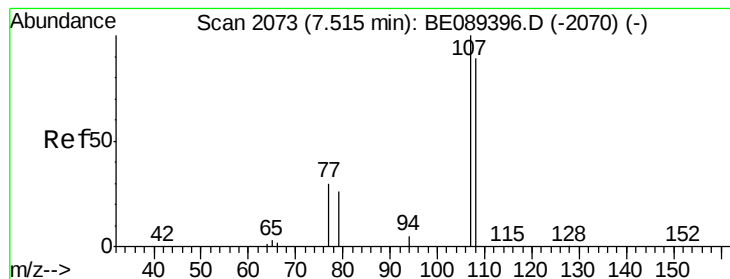
Abundance Ion 107.00 (106.70 to 107.70): E

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: 5.26 ng

RT: 7.52 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

Instrument :

BNA_E

LabSampleId :

SSTDIC005

Tgt Ion:107 Resp: 36818

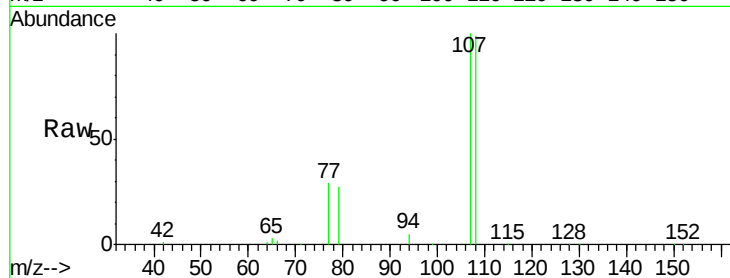
Ion Ratio Lower Upper

107 100

108 99.1 69.4 109.4

77 28.5 12.6 52.6

79 26.9 6.9 46.9

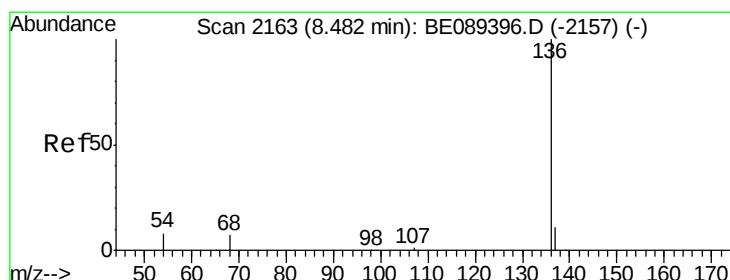
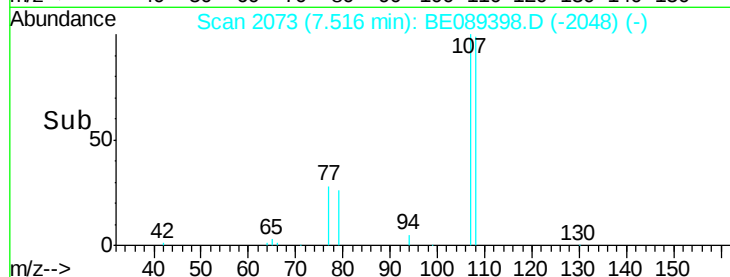
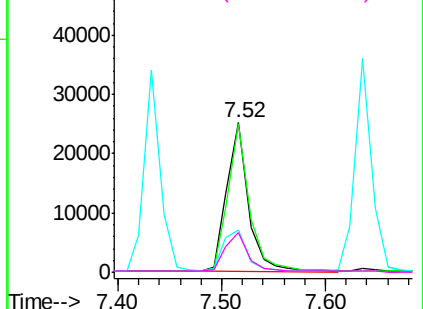


Abundance Ion 107.00 (106.70 to 107.70): E

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: BE089398.D

Acq: 10 Jan 2015 2:16

Tgt Ion:136 Resp: 95662

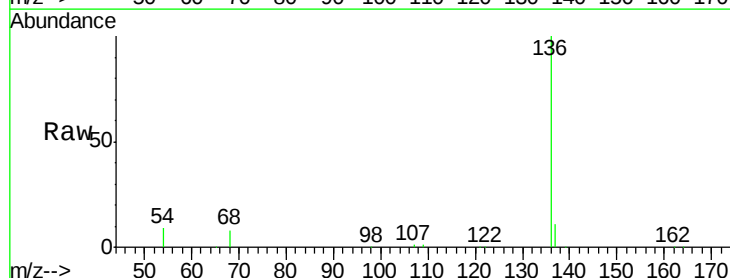
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.3 6.6 10.0

68 8.2 6.0 9.0

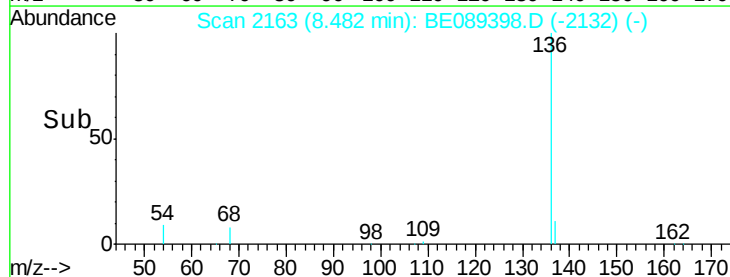
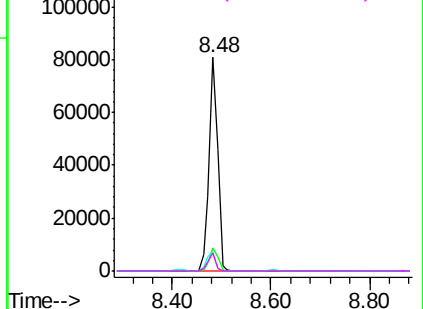


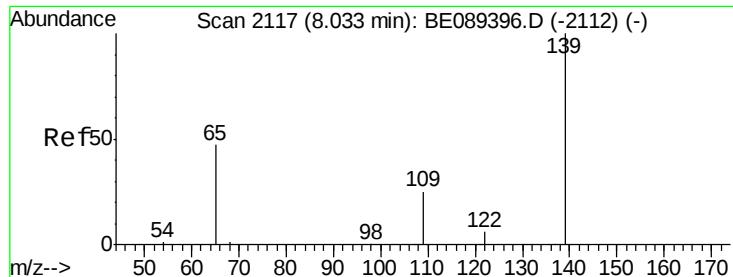
Abundance Ion 136.00 (135.70 to 136.70): E

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

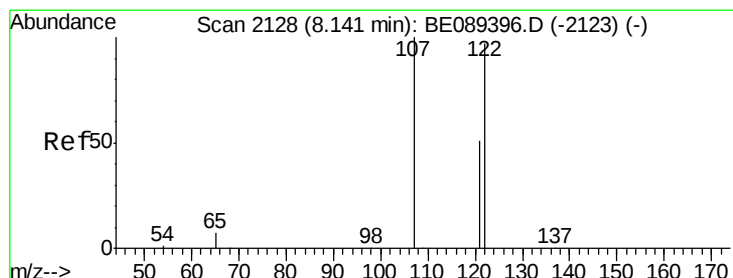
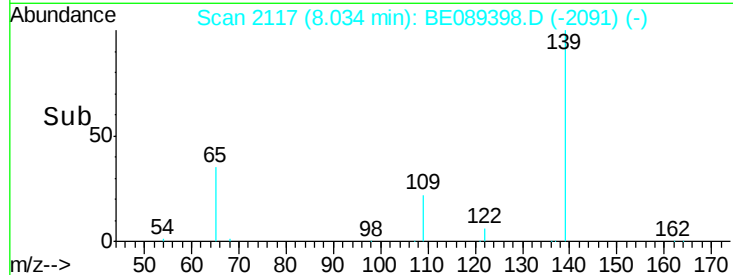
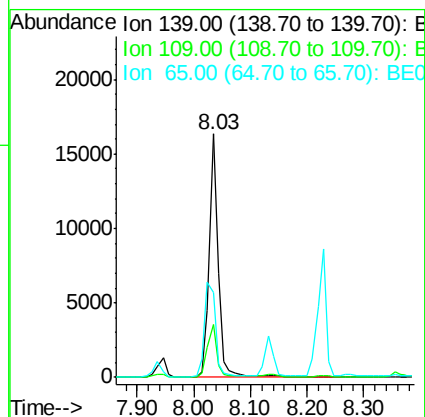
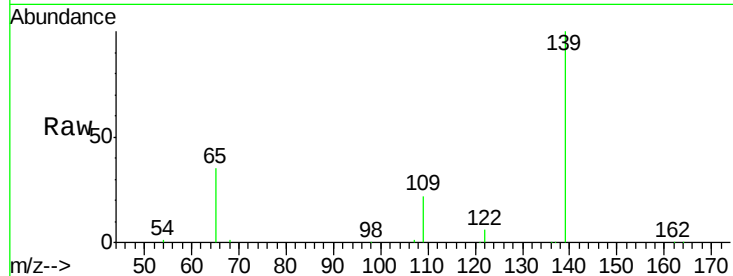




#9
 2-Nitrophenol
 Concen: 5.35 ng
 RT: 8.03 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BE089398.D
 Acq: 10 Jan 2015 2:16

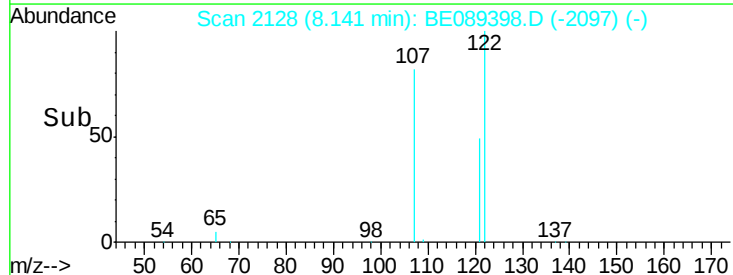
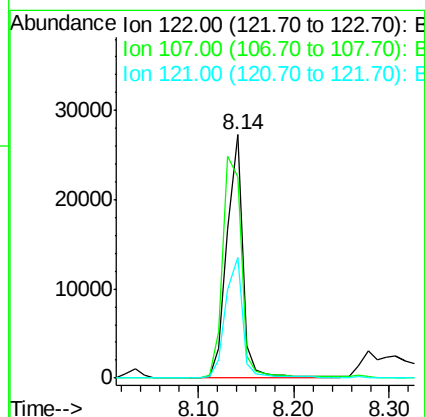
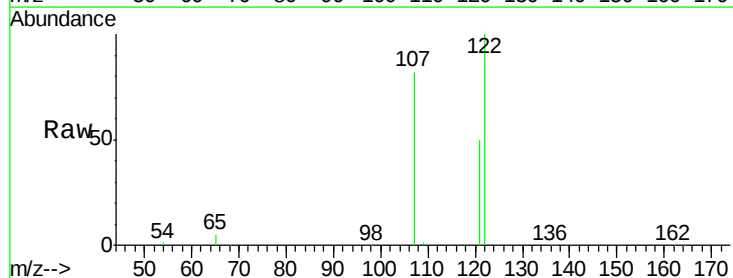
Instrument :
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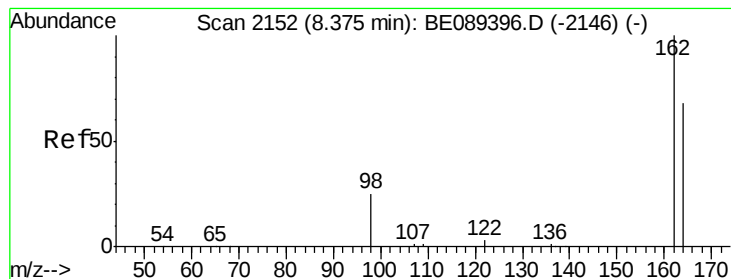
Tgt Ion:139 Resp: 18007
 Ion Ratio Lower Upper
 139 100
 109 21.7 21.2 31.8
 65 34.9 38.1 57.1#



#10
 2,4-Dimethylphenol
 Concen: 5.23 ng
 RT: 8.14 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BE089398.D
 Acq: 10 Jan 2015 2:16

Tgt Ion:122 Resp: 31318
 Ion Ratio Lower Upper
 122 100
 107 82.5 82.5 123.7#
 121 49.6 42.6 64.0





#11

2,4-Dichlorophenol

Concen: 5.11 ng

RT: 8.37 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

Instrument :

BNA_E

LabSampleId :

SSTDICC005

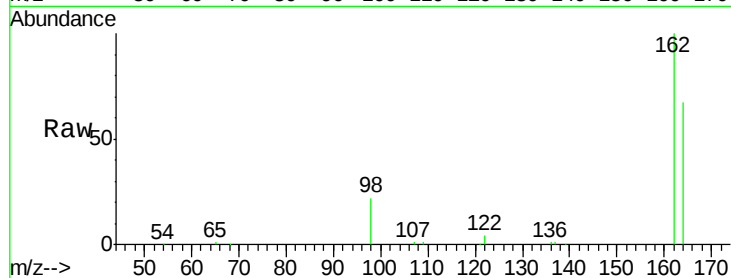
Tgt Ion:162 Resp: 26592

Ion Ratio Lower Upper

162 100

164 67.1 48.0 88.0

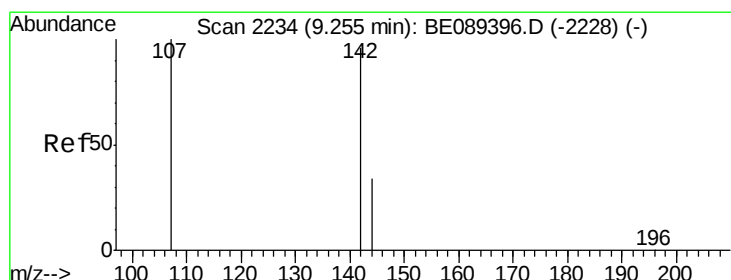
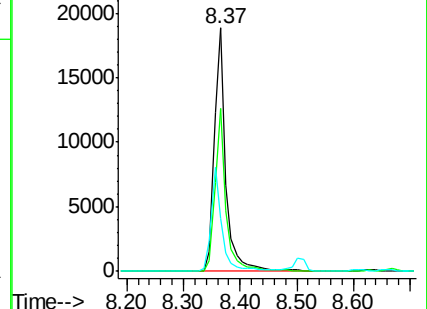
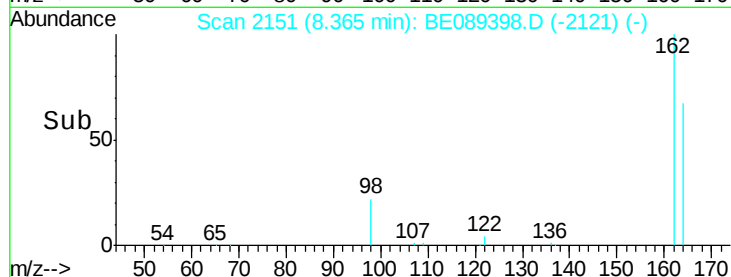
98 21.9 5.8 45.8



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): E



#12

4-Chloro-3-methylphenol

Concen: 5.64 ng

RT: 9.24 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

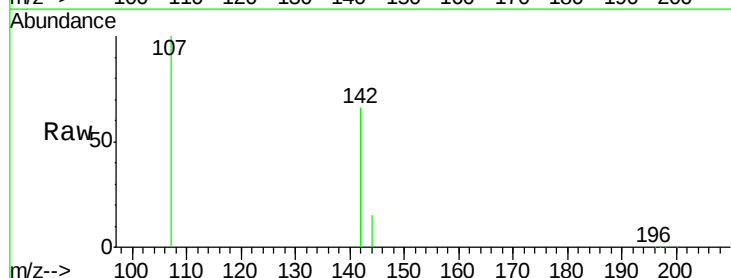
Tgt Ion:107 Resp: 30484

Ion Ratio Lower Upper

107 100

144 15.3 27.4 41.2#

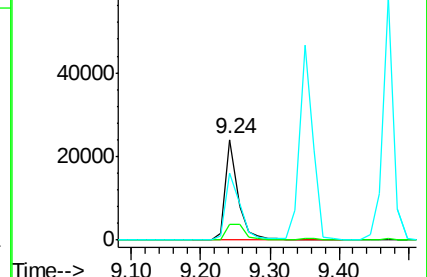
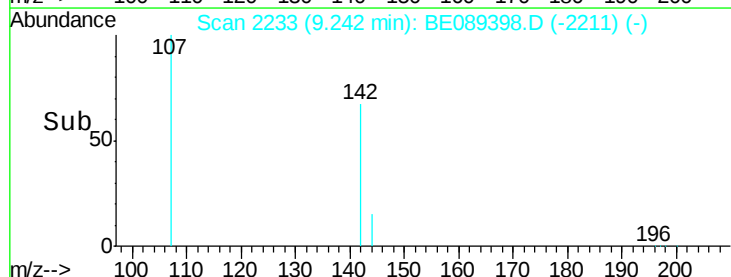
142 66.5 76.6 114.8#

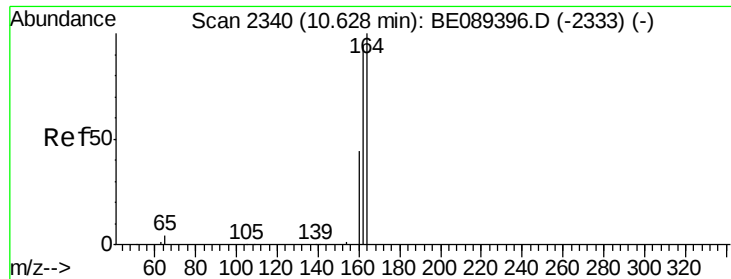


Abundance Ion 107.00 (106.70 to 107.70): E

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: BE089398.D

Acq: 10 Jan 2015 2:16

Instrument :

BNA_E

LabSampleId :

SSTDIC005

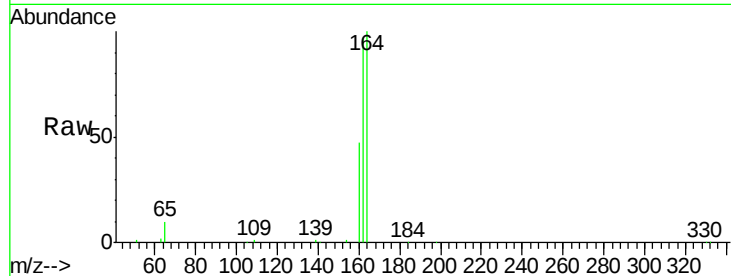
Tgt Ion:164 Resp: 44773

Ion Ratio Lower Upper

164 100

162 96.7 75.2 112.8

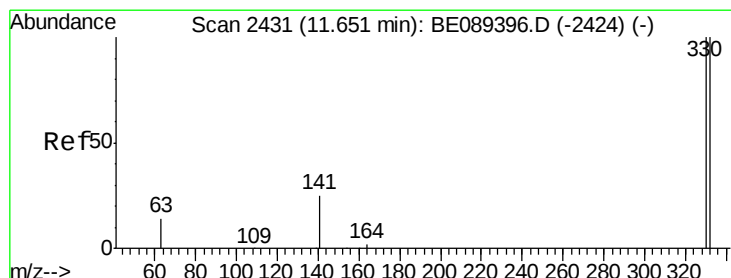
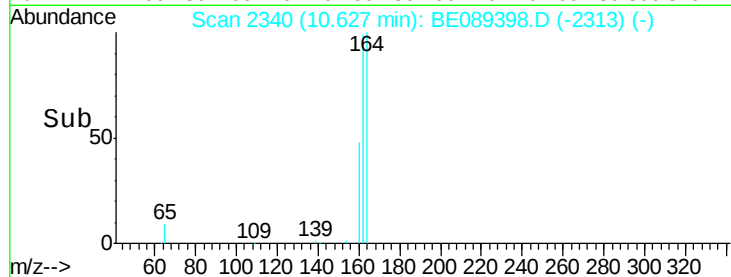
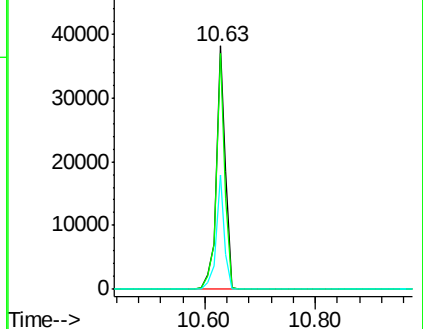
160 46.7 35.0 52.4



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: 4.98 ng

RT: 11.65 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

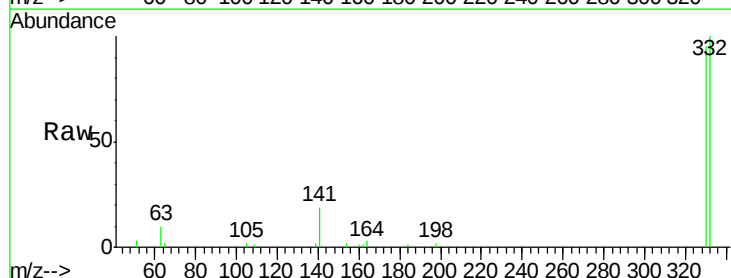
Tgt Ion:330 Resp: 7212

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

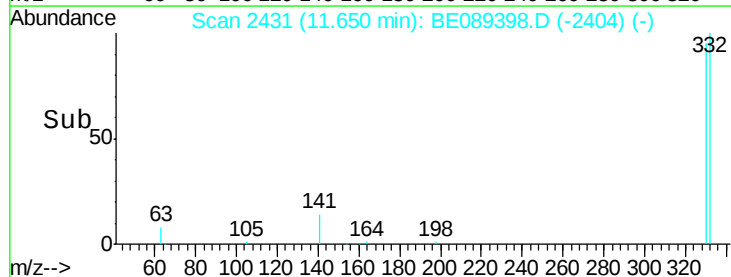
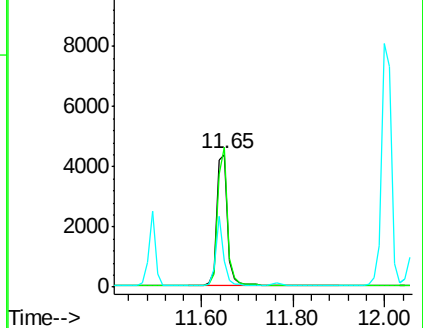
141 38.1 29.9 44.9

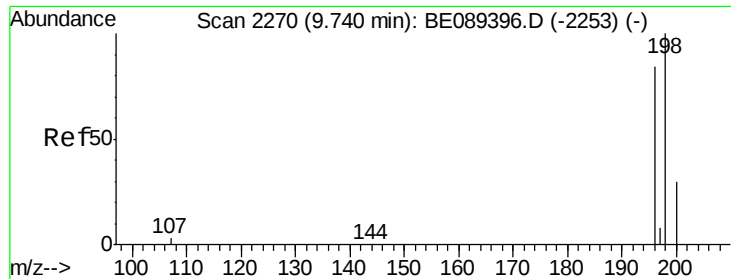


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

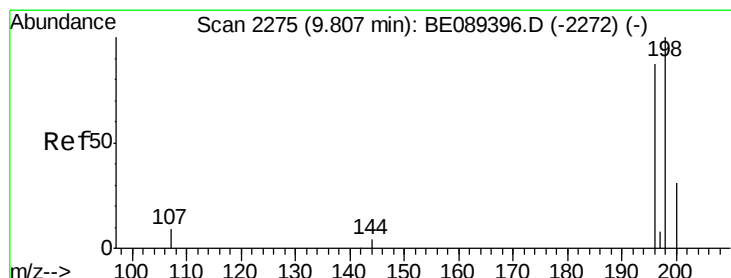
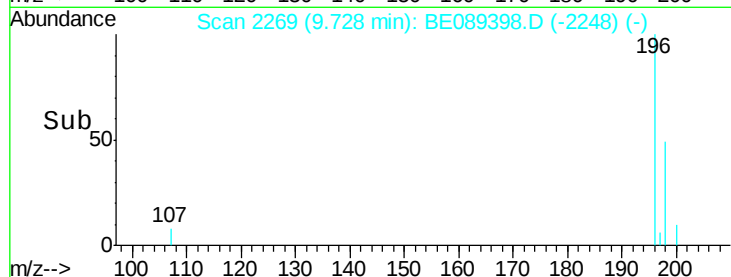
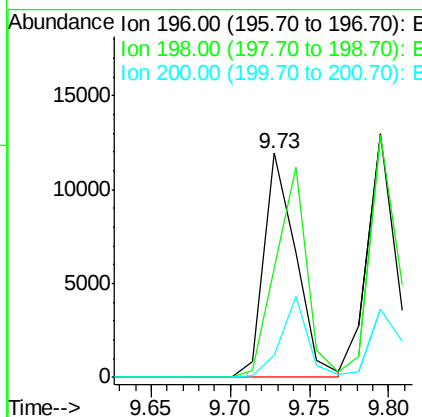
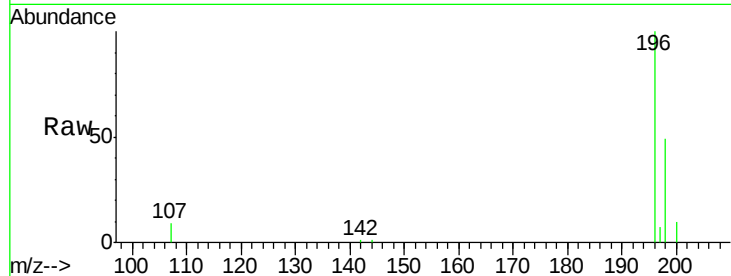




#15
 2,4,6-Trichlorophenol
 Concen: 5.42 ng
 RT: 9.73 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BE089398.D
 Acq: 10 Jan 2015 2:16

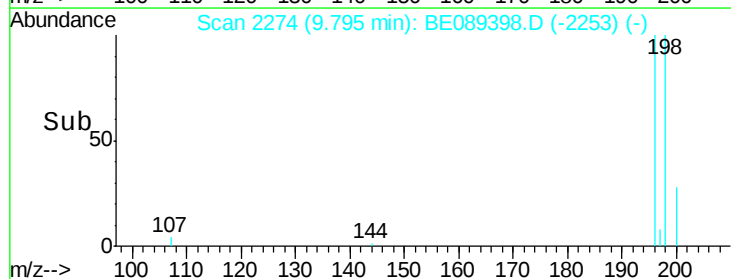
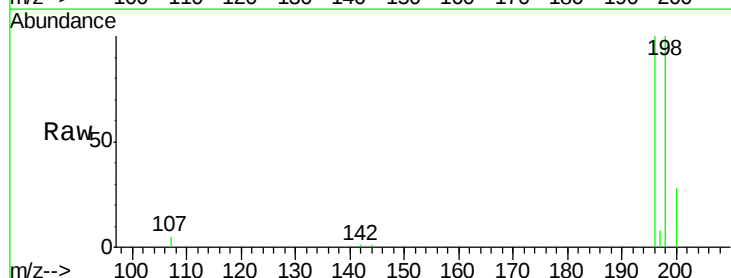
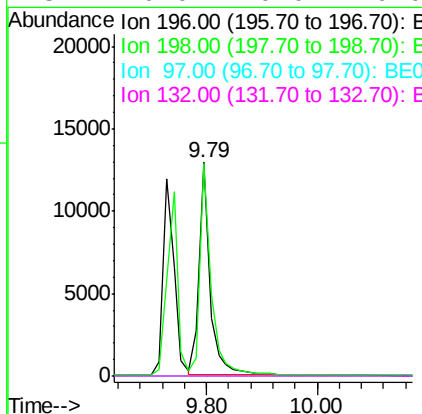
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

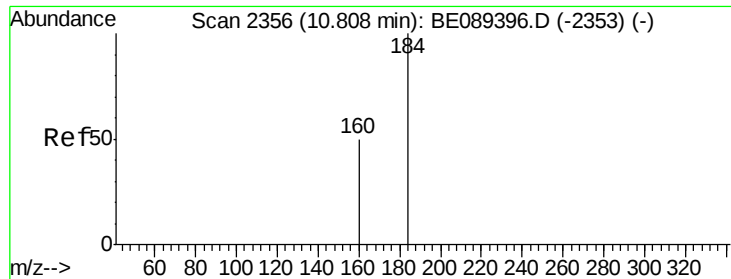
Tgt Ion:196 Resp: 16501
 Ion Ratio Lower Upper
 196 100
 198 49.0 95.3 142.9#
 200 9.9 29.8 44.6#



#16
 2,4,5-Trichlorophenol
 Concen: 5.24 ng
 RT: 9.79 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BE089398.D
 Acq: 10 Jan 2015 2:16

Tgt Ion:196 Resp: 17884
 Ion Ratio Lower Upper
 196 100
 198 99.6 93.4 140.2
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0

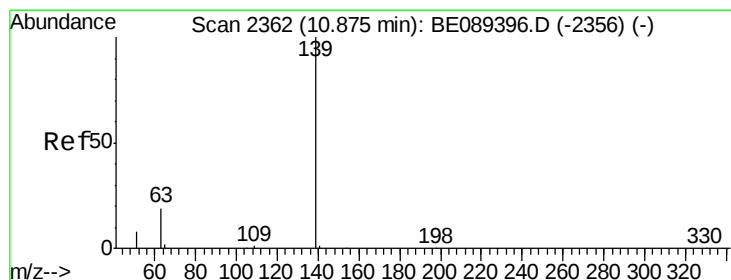
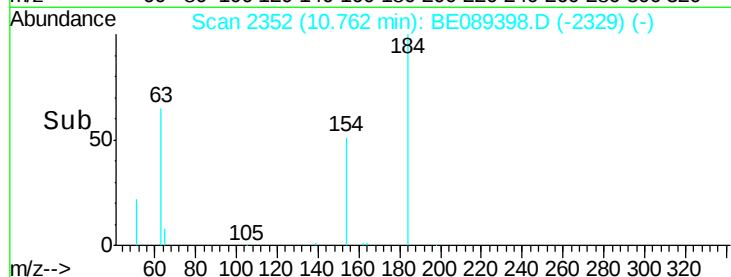
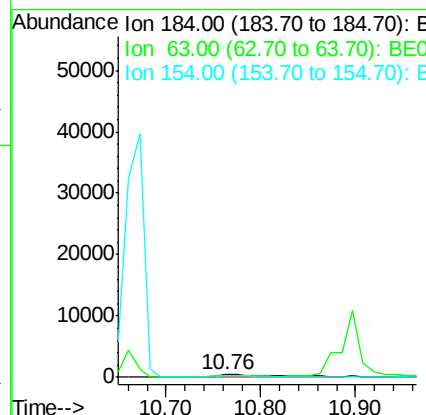
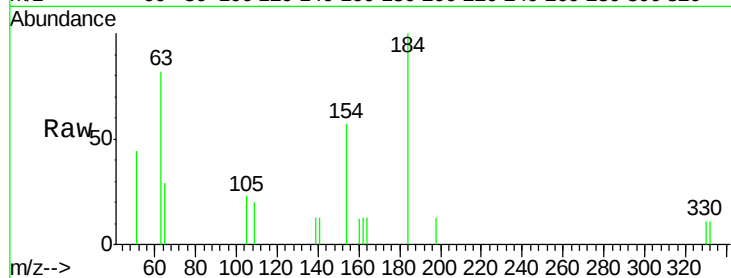




#17
2,4-Dinitrophenol
Concen: 2.35 ng
RT: 10.76 min Scan# 2352
Delta R.T. -0.05 min
Lab File: BE089398.D
Acq: 10 Jan 2015 2:16

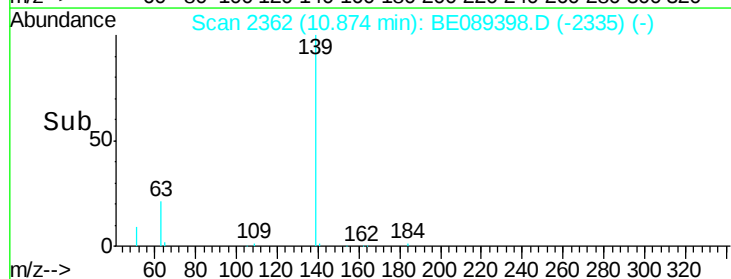
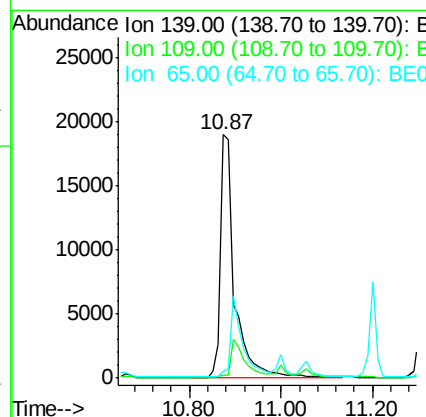
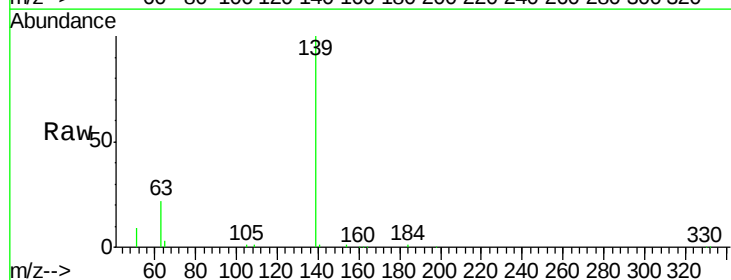
Instrument :
BNA_E
LabSampleId :
SSTDIC005

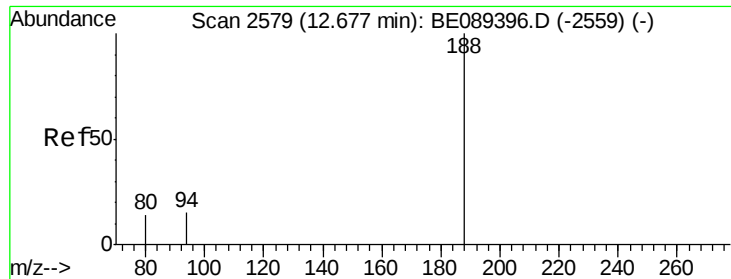
Tgt Ion:184 Resp: 1668
Ion Ratio Lower Upper
184 100
63 82.1 90.6 136.0#
154 57.5 81.8 122.6#



#18
4-Nitrophenol
Concen: 5.80 ng
RT: 10.87 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BE089398.D
Acq: 10 Jan 2015 2:16

Tgt Ion:139 Resp: 40557
Ion Ratio Lower Upper
139 100
109 1.2 0.0 22.1
65 2.8 0.0 23.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.68 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

Instrument :

BNA_E

LabSampleId :

SSTDIC005

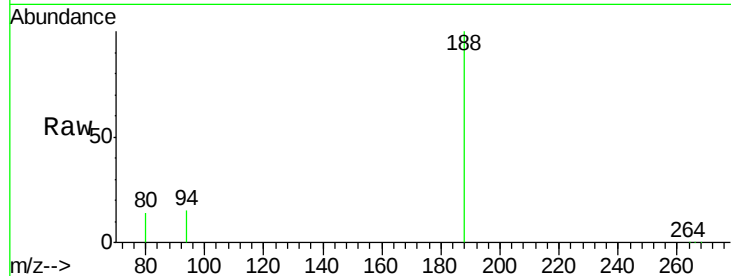
Tgt Ion:188 Resp: 68955

Ion Ratio Lower Upper

188 100

94 14.6 12.1 18.1

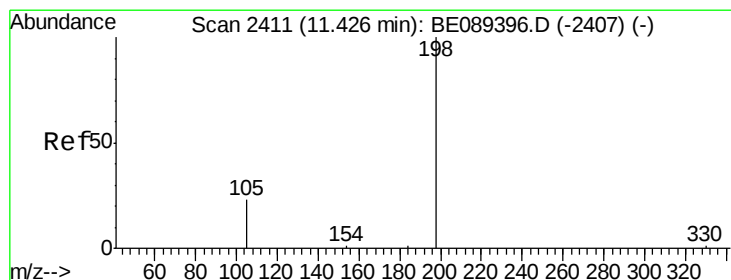
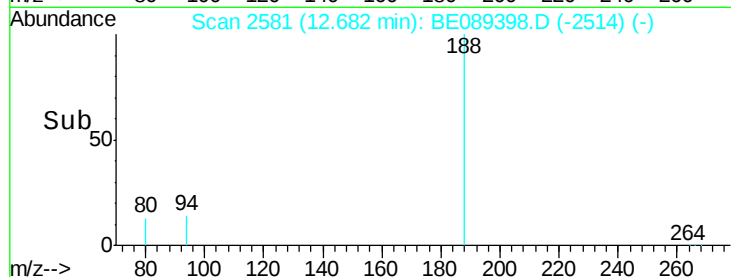
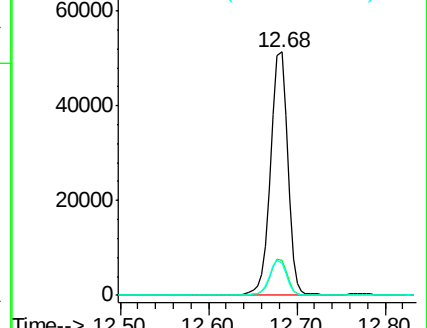
80 13.5 11.6 17.4



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: 6.01 ng

RT: 11.41 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

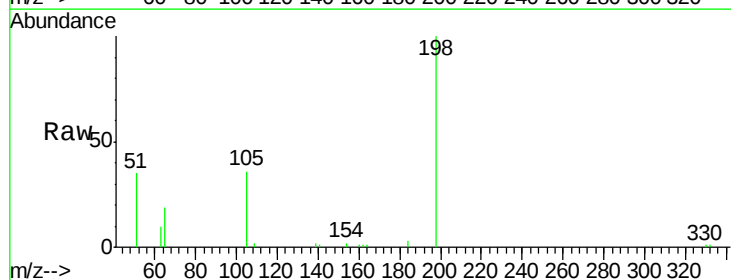
Tgt Ion:198 Resp: 6430

Ion Ratio Lower Upper

198 100

51 34.8 49.4 89.4#

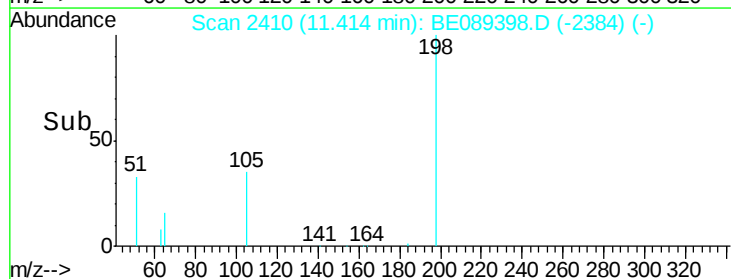
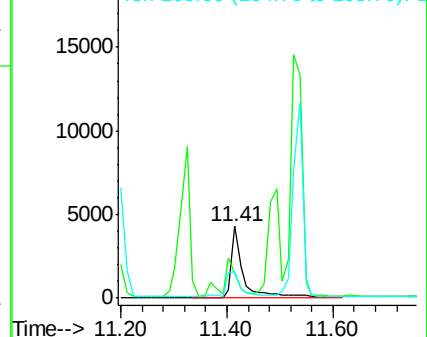
105 36.2 39.8 79.8#

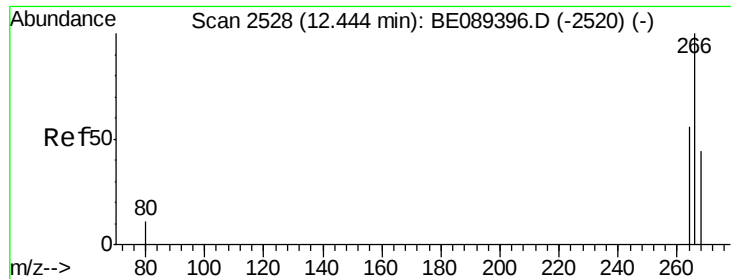


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BE0

Ion 105.00 (104.70 to 105.70): E

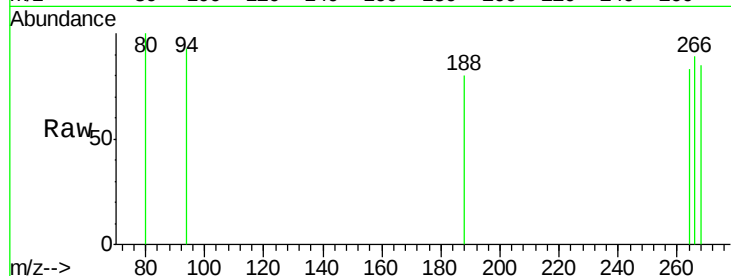




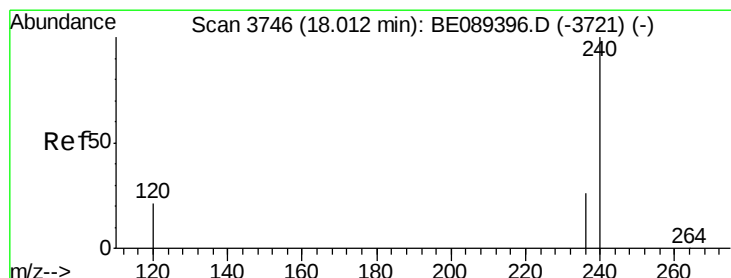
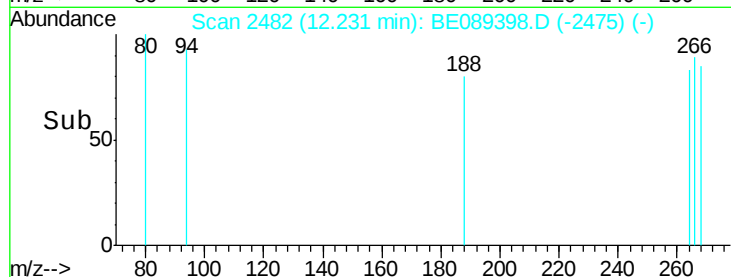
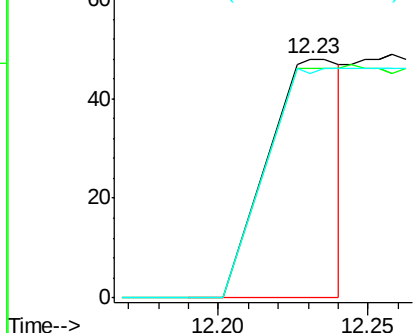
#21
 Pentachlorophenol
 Concen: 0.13 ng
 RT: 12.23 min Scan# 2482
 Delta R.T. -0.21 min
 Lab File: BE089398.D
 Acq: 10 Jan 2015 2:16

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

Tgt Ion: 266 Resp: 114
 Ion Ratio Lower Upper
 266 100
 268 95.8 72.6 108.8
 264 93.8 74.1 111.1

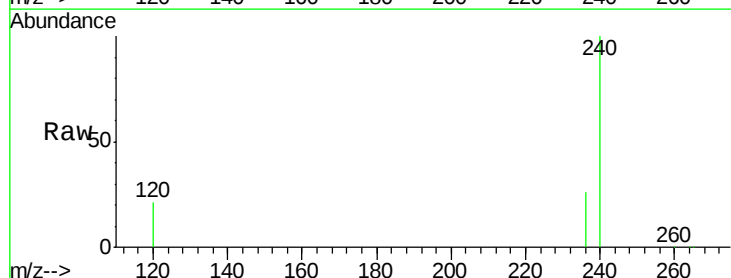


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

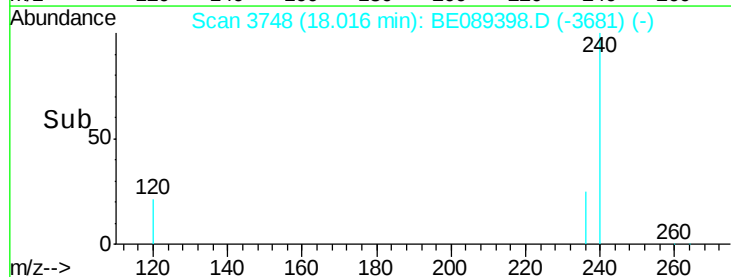
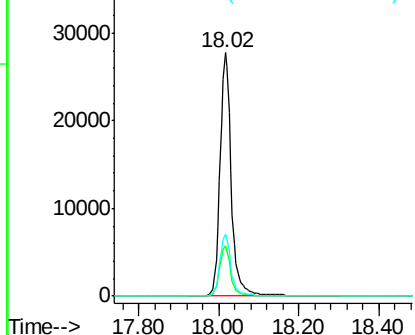


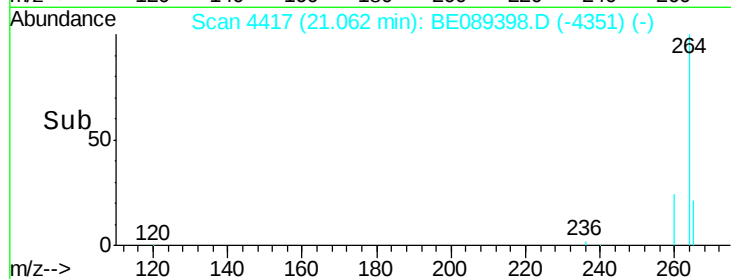
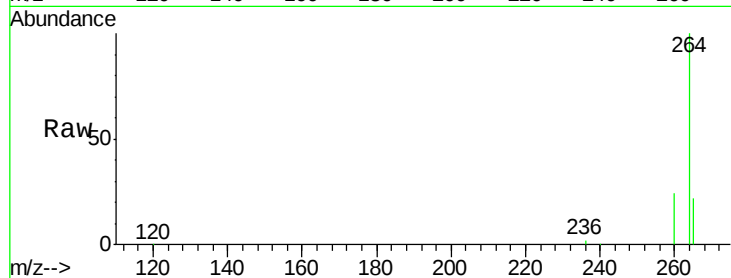
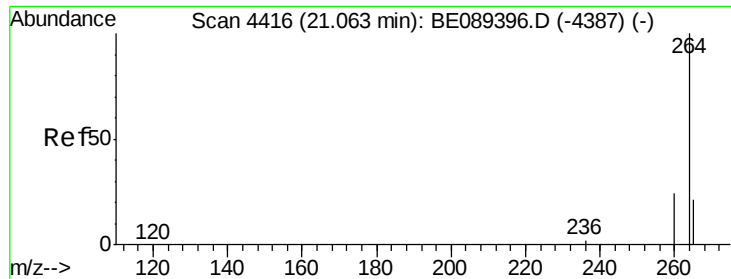
#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.02 min Scan# 3748
 Delta R.T. 0.00 min
 Lab File: BE089398.D
 Acq: 10 Jan 2015 2:16

Tgt Ion: 240 Resp: 53161
 Ion Ratio Lower Upper
 240 100
 120 20.7 17.0 25.4
 236 25.6 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# 4417

Delta R.T. -0.00 min

Lab File: BE089398.D

Acq: 10 Jan 2015 2:16

Instrument :

BNA_E

LabSampleId :

SSTDIC005

Tgt Ion: 264 Resp: 47761

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.5 17.3 25.9

