

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
 Data File : BE089393.D
 Acq On : 9 Jan 2015 23:29
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.5

Quant Time: Jan 12 01:32:29 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	24581	5.00	ng	0.00
8) Naphthalene-d8	8.48	136	93722	5.00	ng	0.00
13) Acenaphthene-d10	10.63	164	43942	5.00	ng	0.00
19) Phenanthrene-d10	12.68	188	66876	5.00	ng	0.00
22) Chrysene-d12	18.02	240	50830	5.00	ng	0.00
23) Perylene-d12	21.06	264	44694	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 2-Fluorophenol	5.30	112	979	0.16	ng	0.02
3) Phenol-d6	6.59	99	1410	0.17	ng	0.01
14) 2,4,6-Tribromophenol	11.66	330	205	0.14	ng	0.00

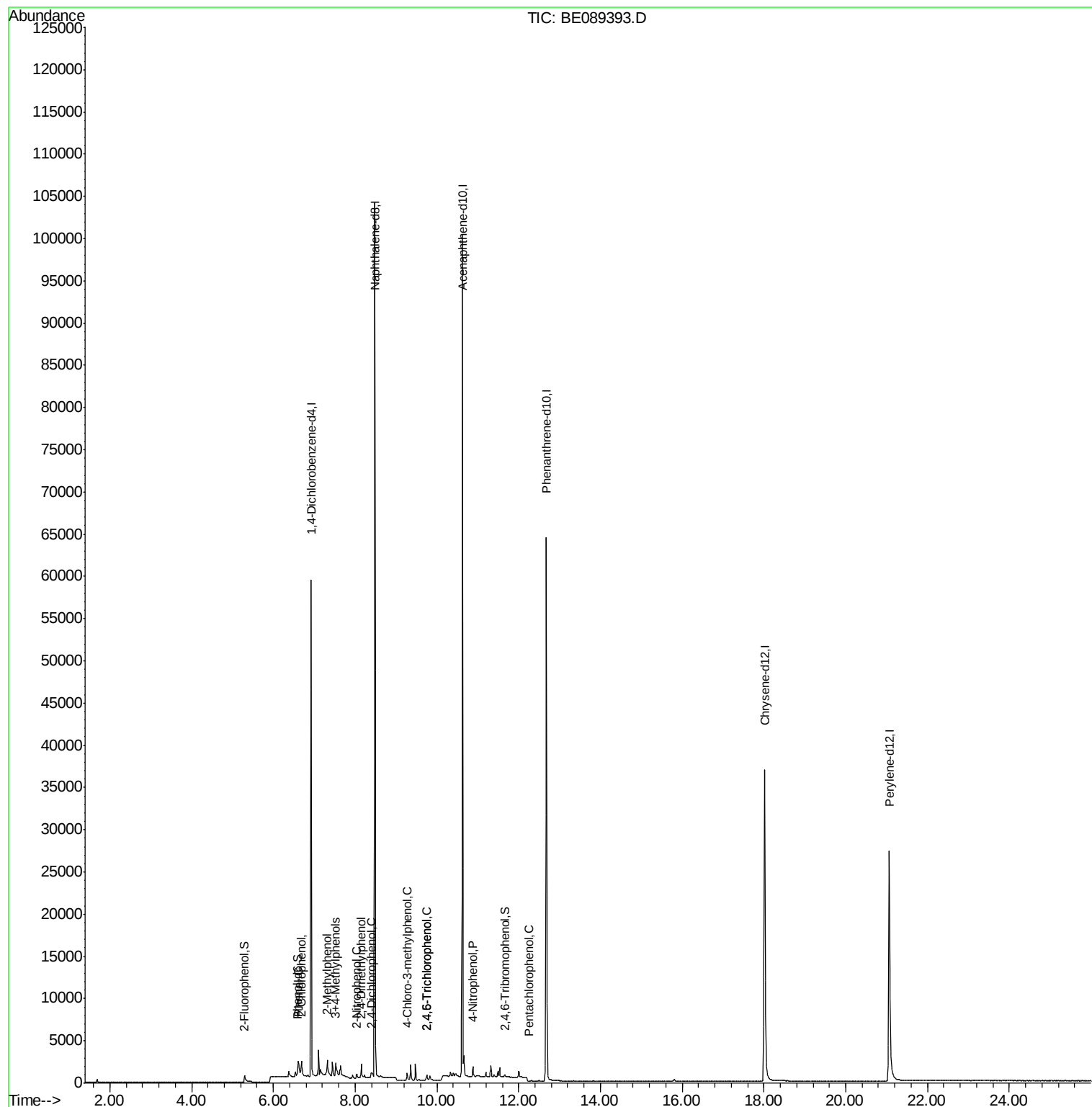
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) 2-Chlorophenol	6.69	128	1463	0.21	ng	# 77
5) Phenol	6.60	94	1872	0.19	ng	78
6) 2-Methylphenol	7.32	107	1098	0.15	ng	98
7) 3+4-Methylphenols	7.53	107	1292	0.19	ng	93
9) 2-Nitrophenol	8.04	139	721	0.22	ng	92
10) 2,4-Dimethylphenol	8.15	122	1168	0.20	ng	97
11) 2,4-Dichlorophenol	8.39	162	939	0.18	ng	90
12) 4-Chloro-3-methylphenol	9.27	107	978	0.18	ng	94
15) 2,4,6-Trichlorophenol	9.75	196	521	0.17	ng	# 90
16) 2,4,5-Trichlorophenol	9.75	196	521	0.16	ng	94
18) 4-Nitrophenol	10.89	139	1192	0.17	ng	88
21) Pentachlorophenol	12.24	266	160	0.18	ng	94

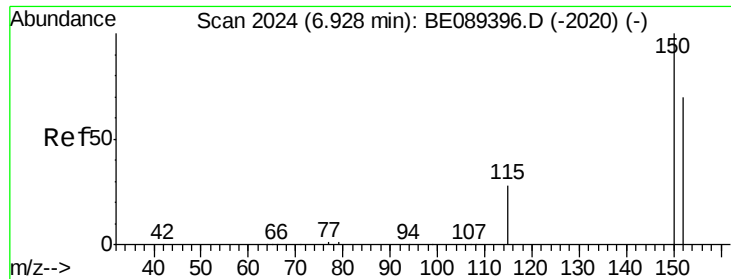
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.93 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

Instrument :

BNA_E

LabSampleId :

SSTDIC0.5

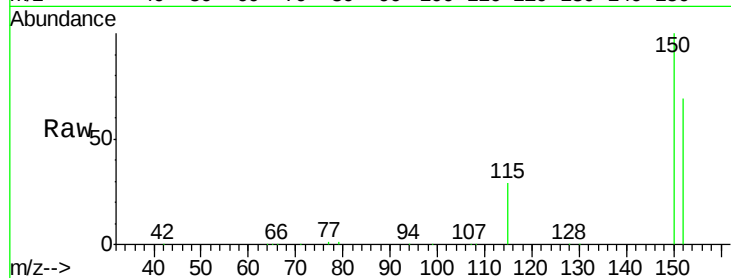
Tgt Ion:152 Resp: 24581

Ion Ratio Lower Upper

152 100

150 144.1 114.2 171.2

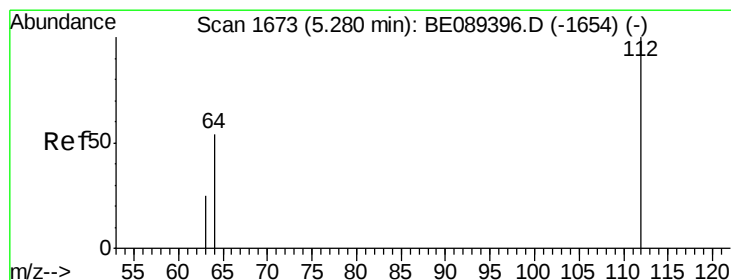
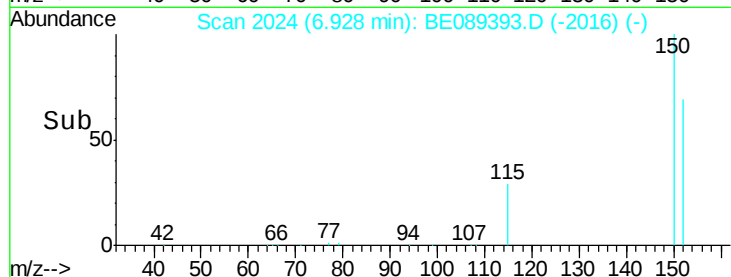
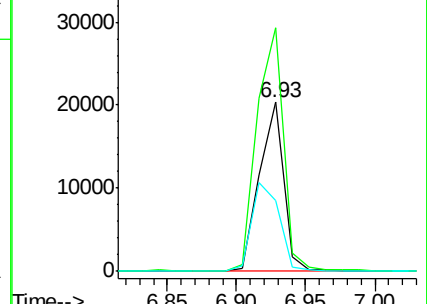
115 42.0 31.8 47.8



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: 0.16 ng

RT: 5.30 min Scan# 1681

Delta R.T. 0.02 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

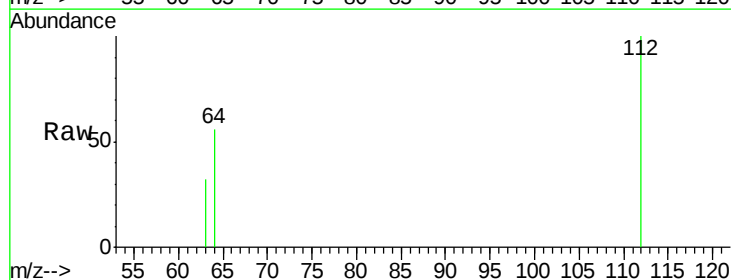
Tgt Ion:112 Resp: 979

Ion Ratio Lower Upper

112 100

64 56.3 43.8 65.8

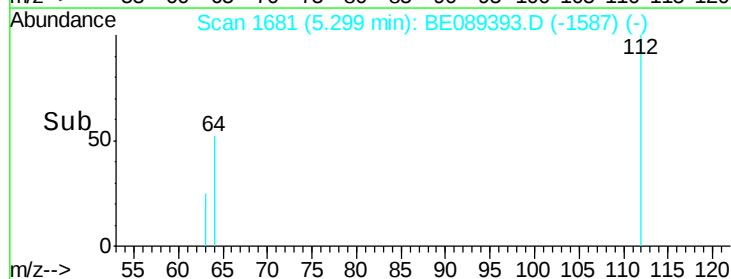
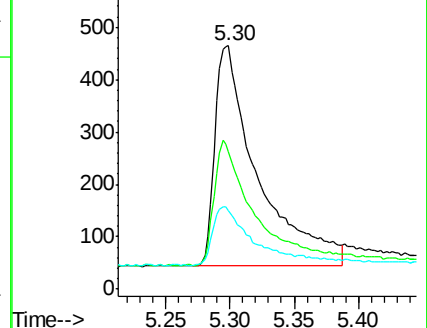
63 32.0 20.9 31.3#

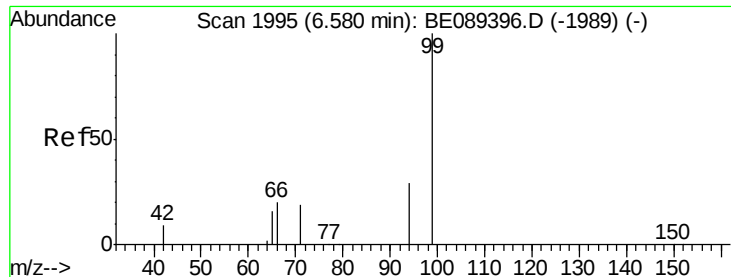


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 0.17 ng

RT: 6.59 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

Instrument :

BNA_E

LabSampleId :

SSTDIC0.5

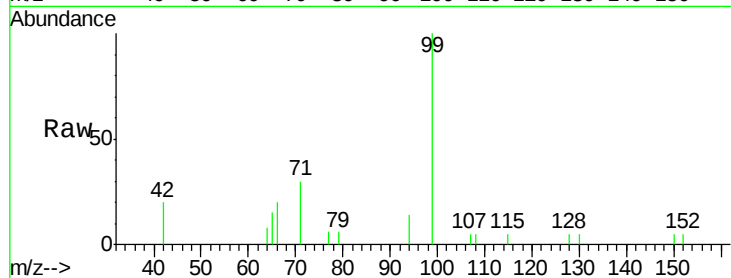
Tgt Ion: 99 Resp: 1410

Ion Ratio Lower Upper

99 100

42 20.0 7.8 11.8#

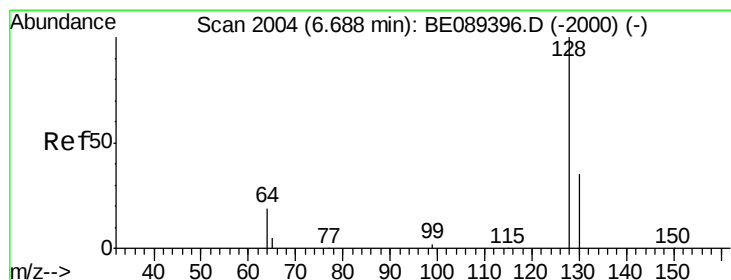
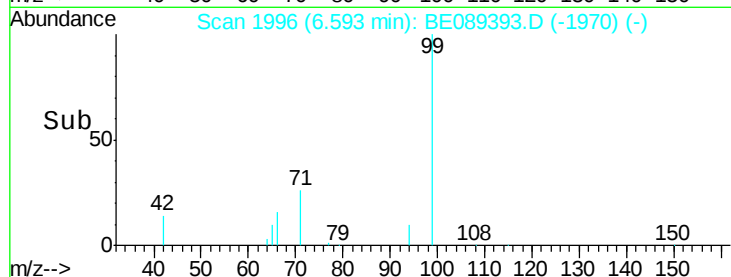
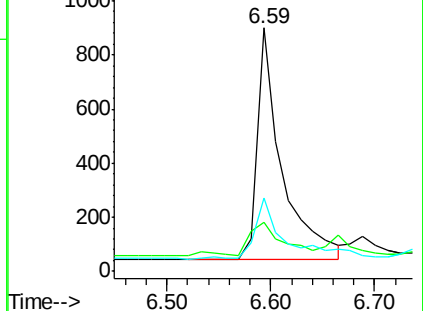
71 30.1 15.4 23.0#



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: 0.21 ng

RT: 6.69 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

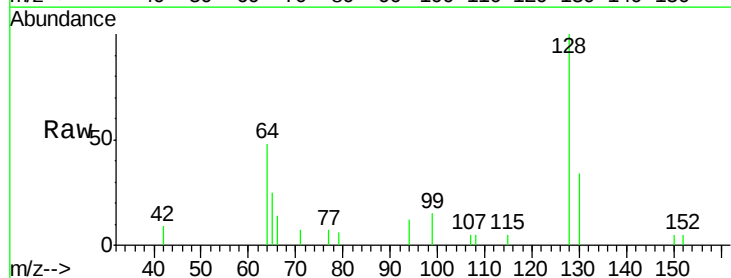
Tgt Ion: 128 Resp: 1463

Ion Ratio Lower Upper

128 100

130 33.5 15.6 55.6

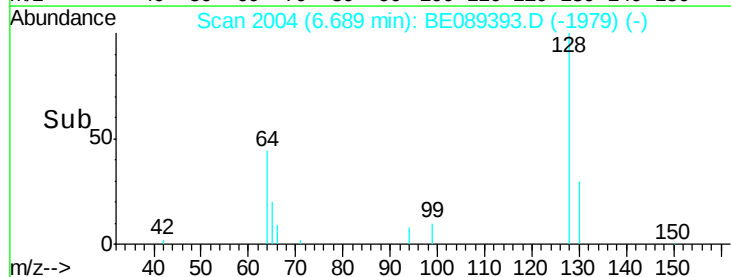
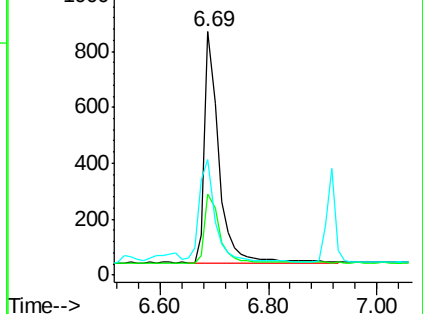
64 47.5 0.8 40.8#

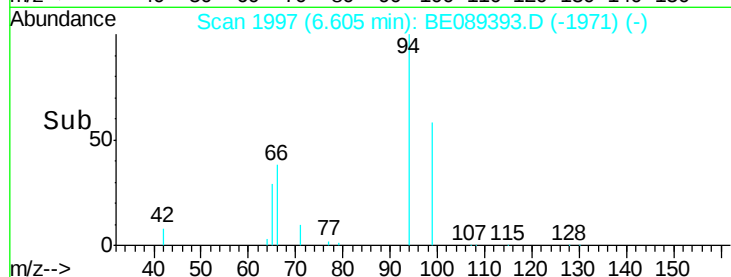
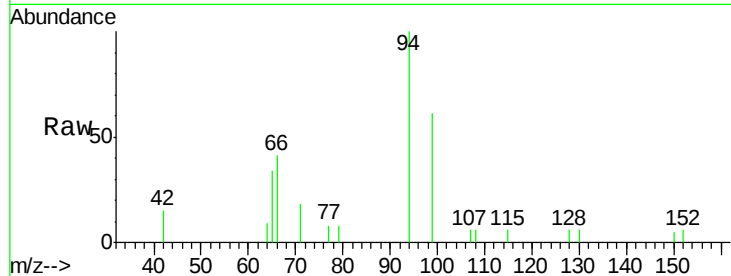
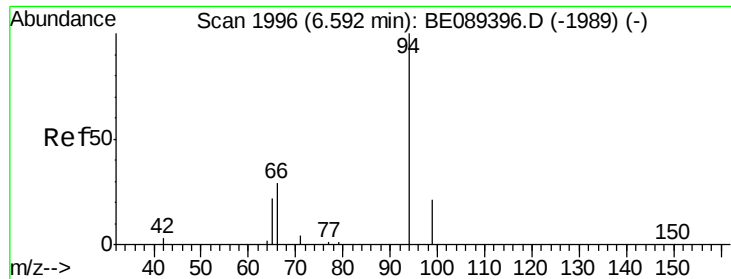


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 0.19 ng

RT: 6.60 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

Instrument :

BNA_E

LabSampleId :

SSTDIC0.5

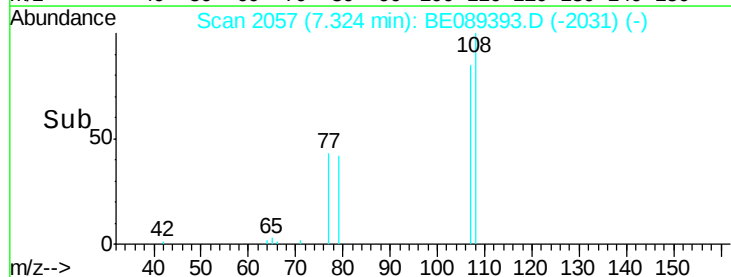
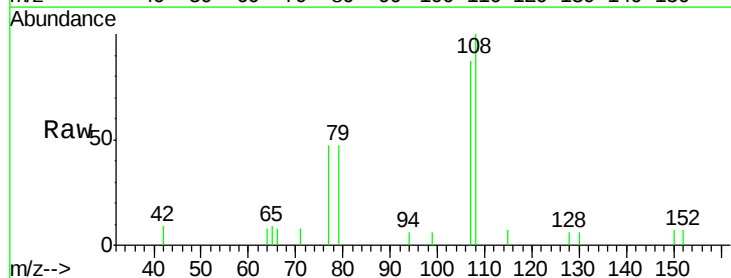
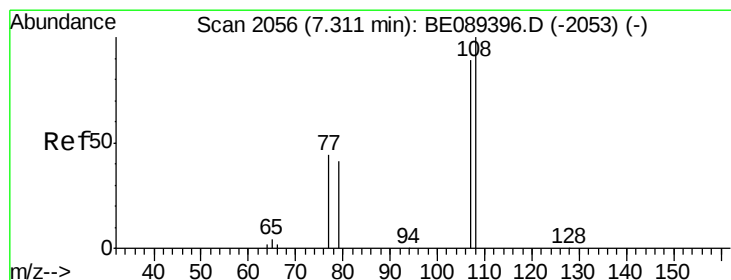
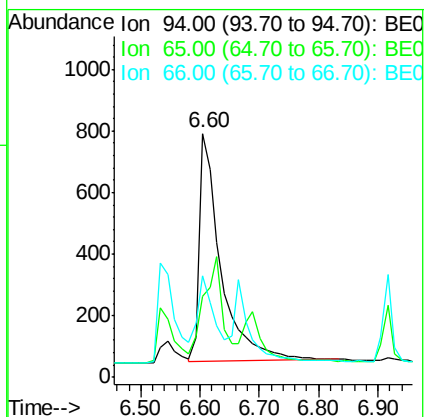
Tgt Ion: 94 Resp: 1872

Ion Ratio Lower Upper

94 100

65 33.5 2.6 42.6

66 41.5 9.5 49.5



#6

2-Methylphenol

Concen: 0.15 ng

RT: 7.32 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

Tgt Ion: 107 Resp: 1098

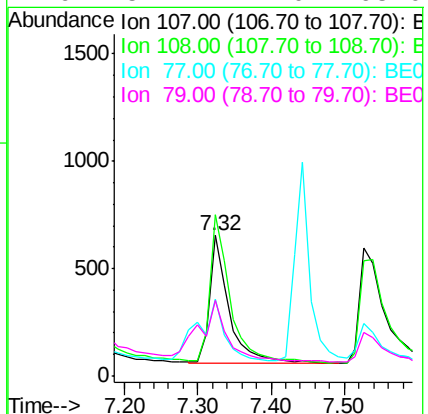
Ion Ratio Lower Upper

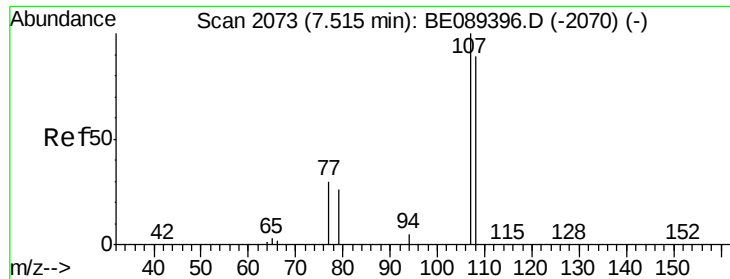
107 100

108 115.3 90.7 136.1

77 54.4 45.1 67.7

79 54.1 42.0 63.0





#7

3+4-Methylphenols

Concen: 0.19 ng

RT: 7.53 min Scan# 2074

Delta R.T. 0.01 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

Instrument :

BNA_E

LabSampleId :

SSTDIC0.5

Tgt Ion:107 Resp: 1292

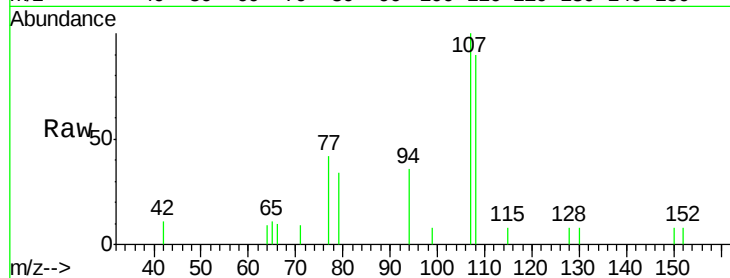
Ion Ratio Lower Upper

107 100

108 90.4 69.4 109.4

77 41.5 12.6 52.6

79 34.1 6.9 46.9

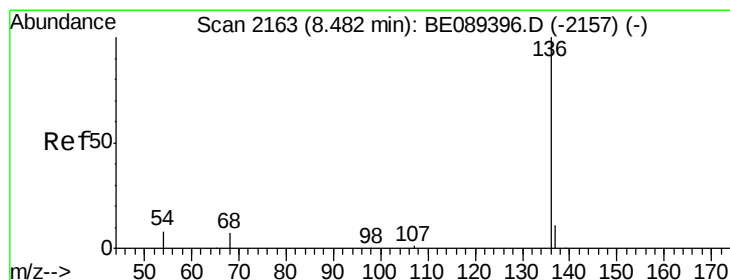
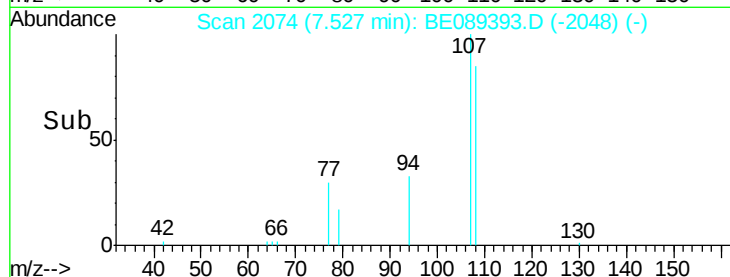
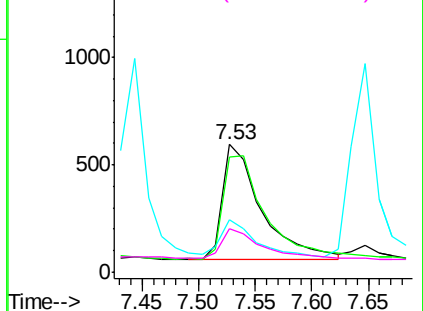


Abundance Ion 107.00 (106.70 to 107.70): E

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: BE089393.D

Acq: 9 Jan 2015 23:29

Tgt Ion:136 Resp: 93722

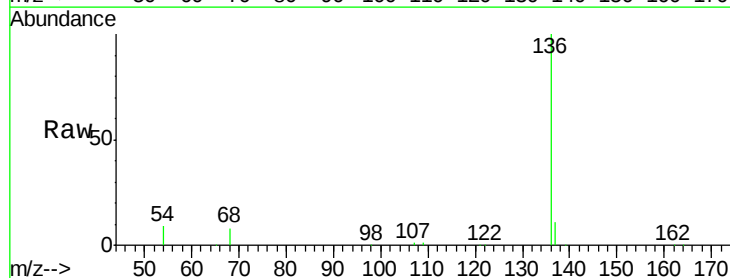
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 8.5 6.6 10.0

68 7.6 6.0 9.0

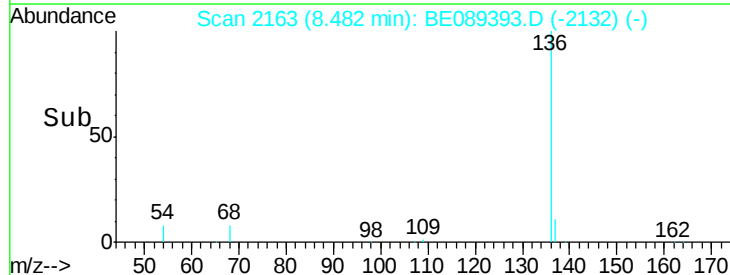
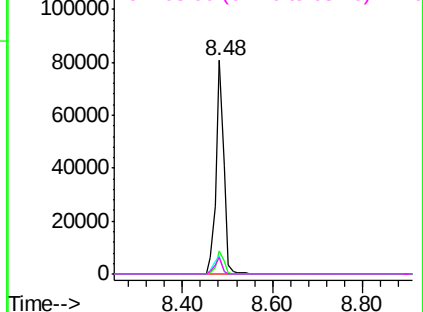


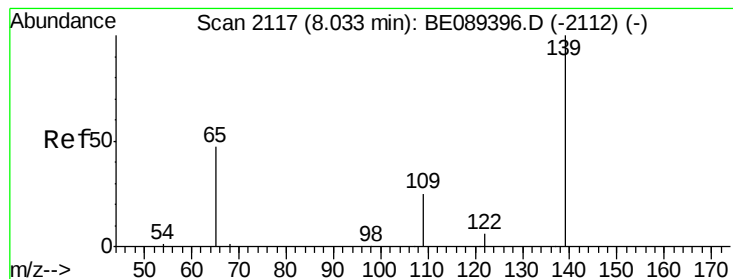
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.22 ng

RT: 8.04 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

Instrument :

BNA_E

LabSampleId :

SSTDIC0.5

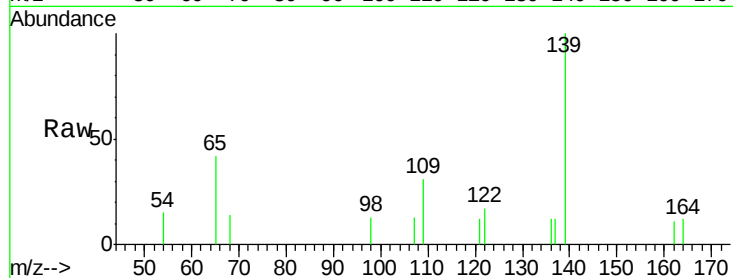
Tgt Ion:139 Resp: 721

Ion Ratio Lower Upper

139 100

109 30.6 21.2 31.8

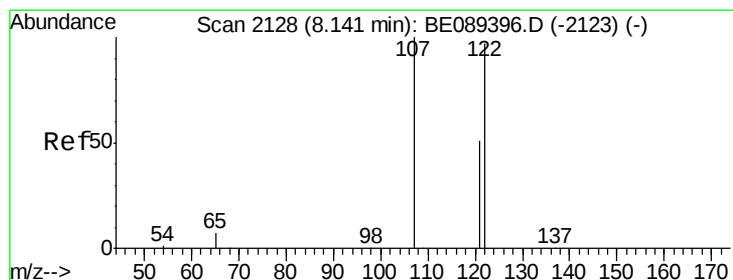
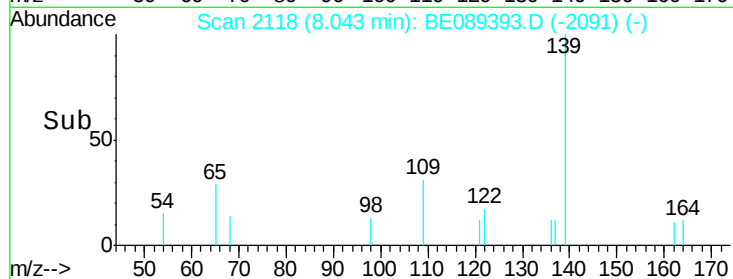
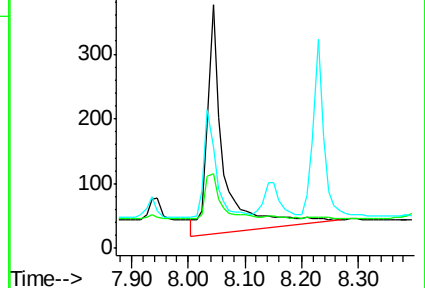
65 41.8 38.1 57.1



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): BE0



#10

2,4-Dimethylphenol

Concen: 0.20 ng

RT: 8.15 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

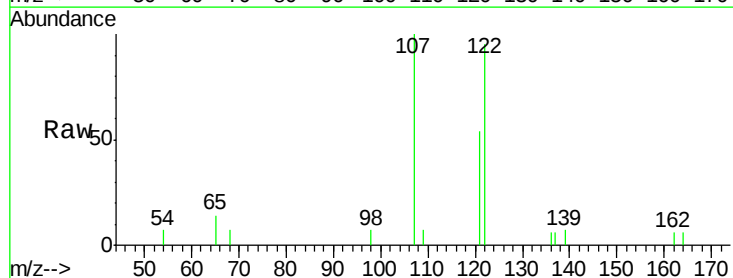
Tgt Ion:122 Resp: 1168

Ion Ratio Lower Upper

122 100

107 104.7 82.5 123.7

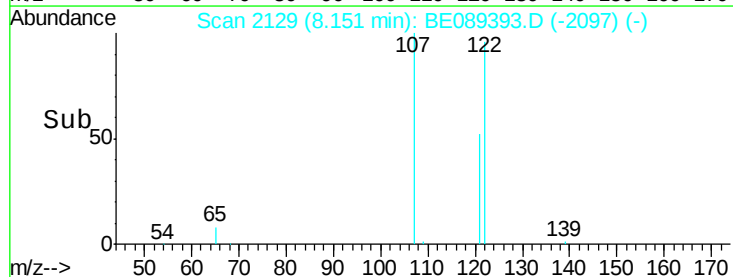
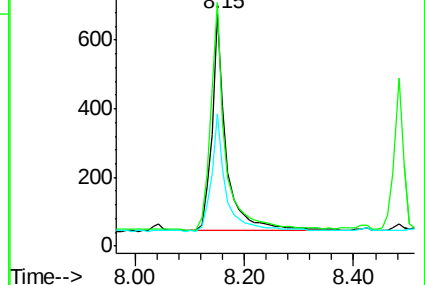
121 57.0 42.6 64.0

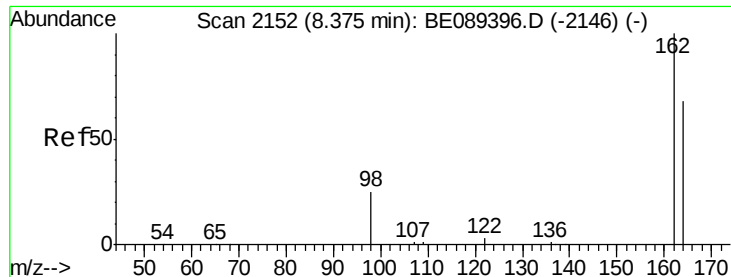


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

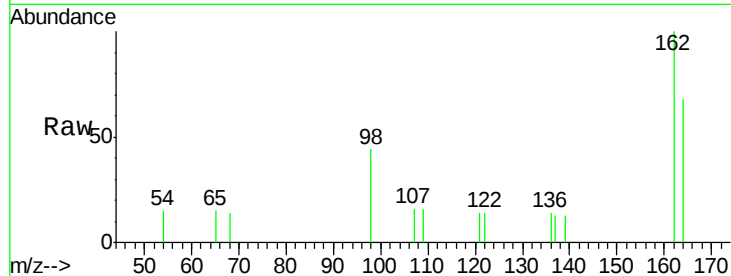




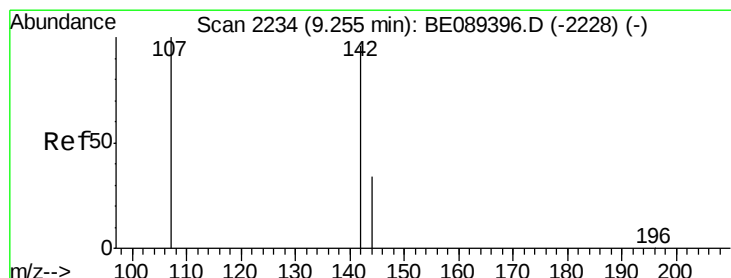
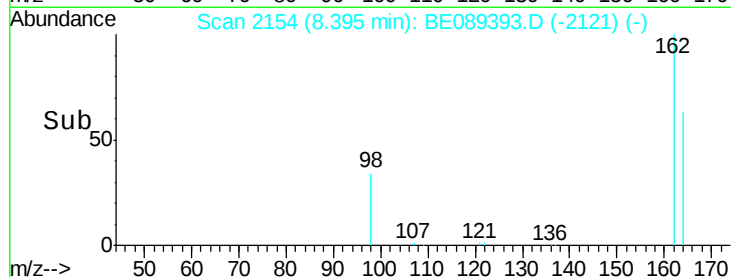
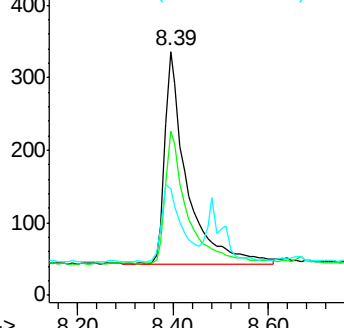
#11
 2,4-Dichlorophenol
 Concen: 0.18 ng
 RT: 8.39 min Scan# 2154
 Delta R.T. 0.02 min
 Lab File: BE089393.D
 Acq: 9 Jan 2015 23:29

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.5

Tgt Ion:162 Resp: 939
 Ion Ratio Lower Upper
 162 100
 164 67.6 48.0 88.0
 98 43.8 5.8 45.8

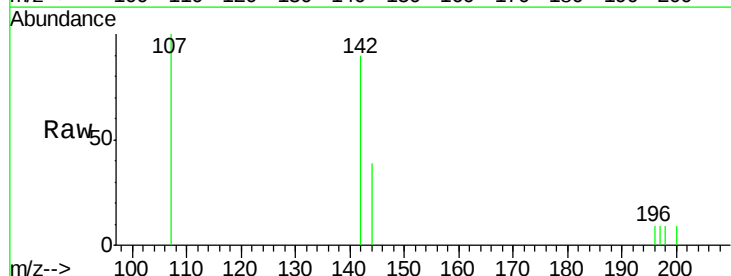


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BE0

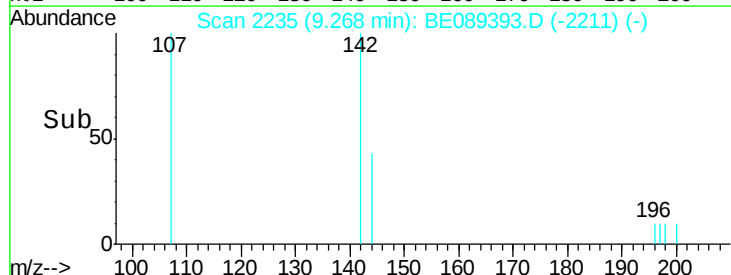
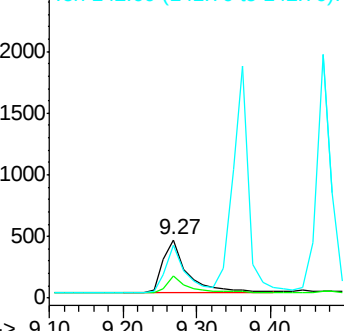


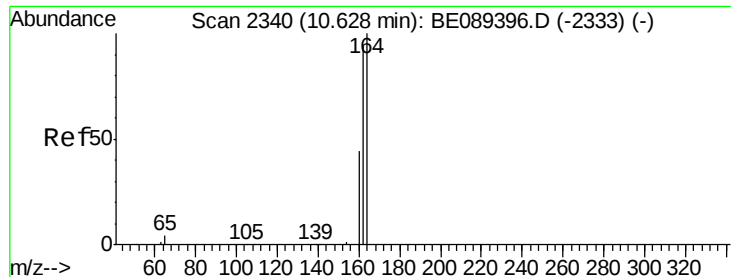
#12
 4-Chloro-3-methylphenol
 Concen: 0.18 ng
 RT: 9.27 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BE089393.D
 Acq: 9 Jan 2015 23:29

Tgt Ion:107 Resp: 978
 Ion Ratio Lower Upper
 107 100
 144 38.8 27.4 41.2
 142 90.1 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: BE089393.D

Acq: 9 Jan 2015 23:29

Instrument :

BNA_E

LabSampleId :

SSTDICC0.5

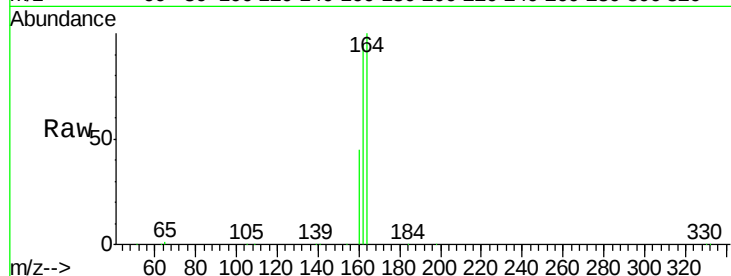
Tgt Ion:164 Resp: 43942

Ion Ratio Lower Upper

164 100

162 95.1 75.2 112.8

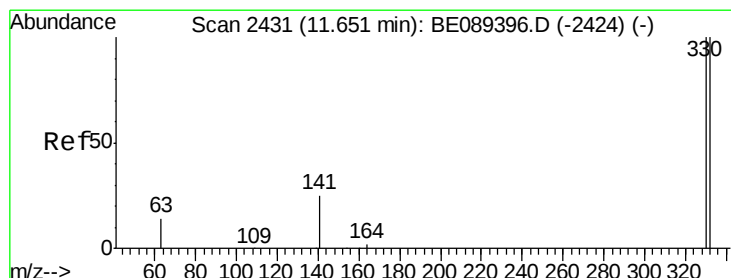
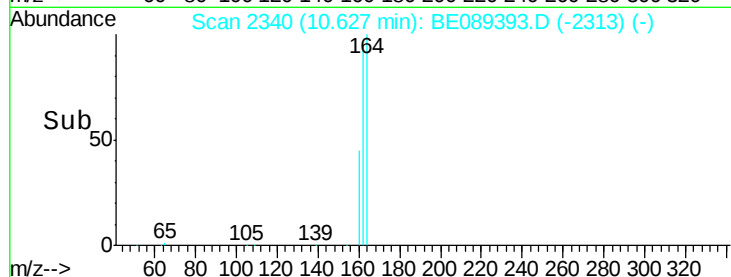
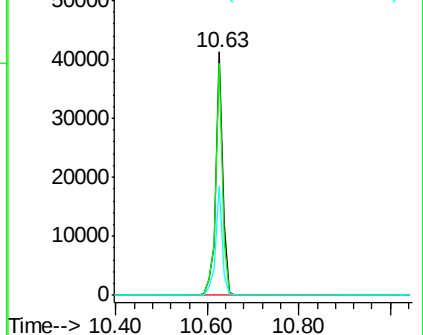
160 45.1 35.0 52.4



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: 0.14 ng

RT: 11.66 min Scan# 2432

Delta R.T. 0.01 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

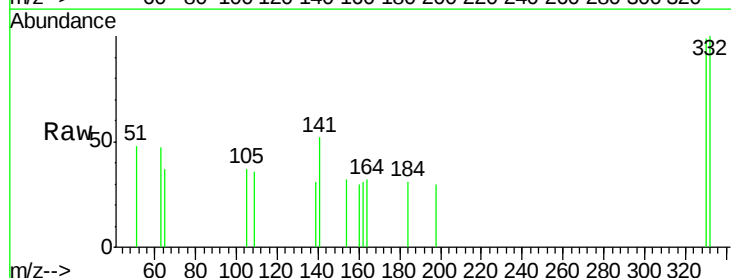
Tgt Ion:330 Resp: 205

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

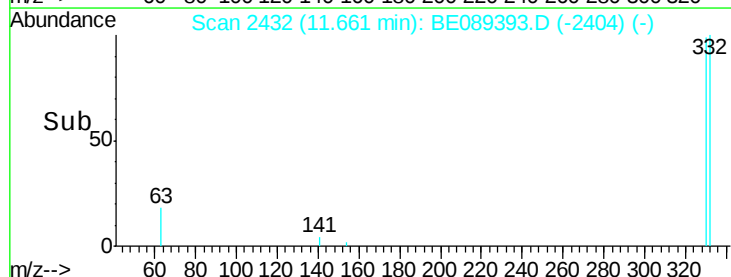
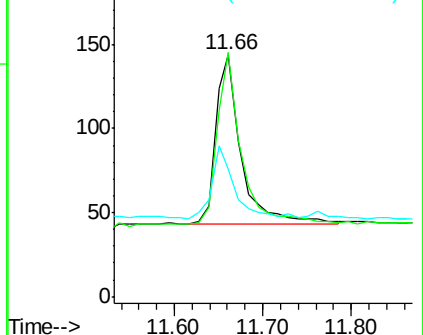
141 40.0 29.9 44.9

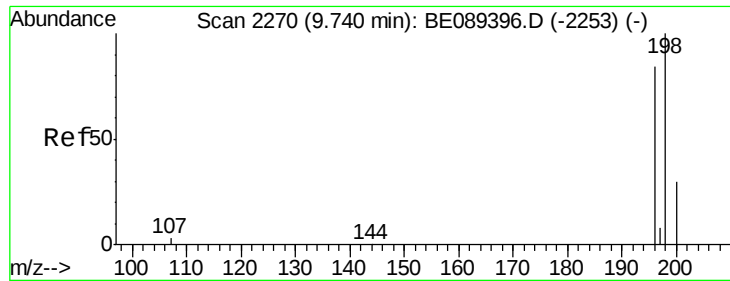


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

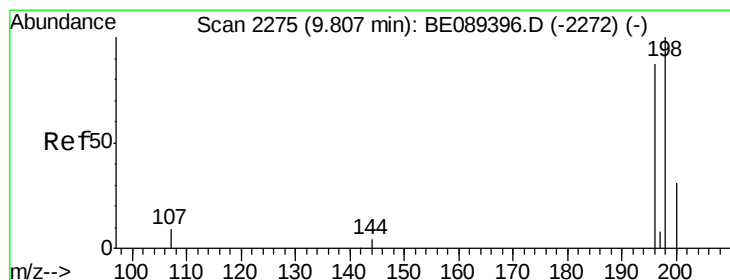
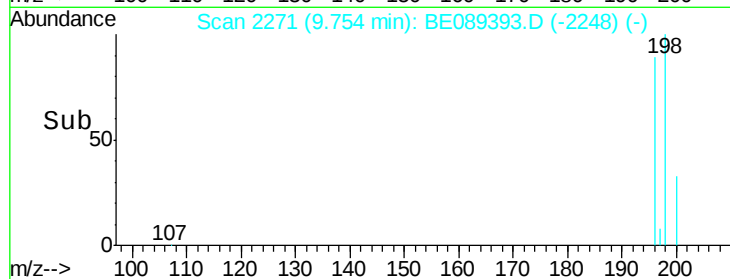
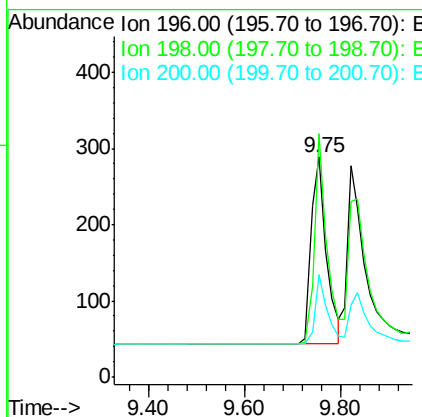
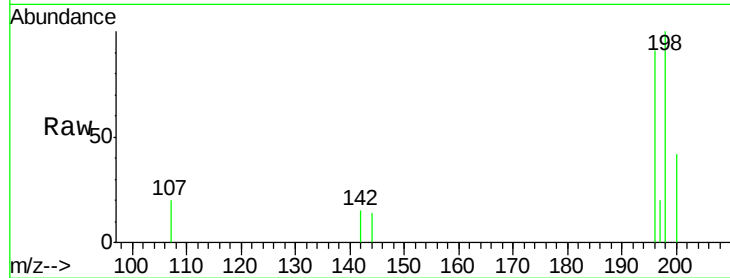




#15
 2,4,6-Trichlorophenol
 Concen: 0.17 ng
 RT: 9.75 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BE089393.D
 Acq: 9 Jan 2015 23:29

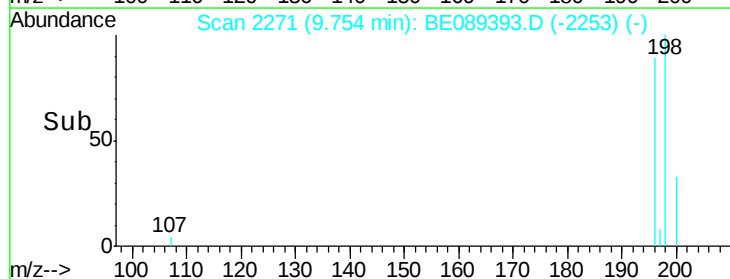
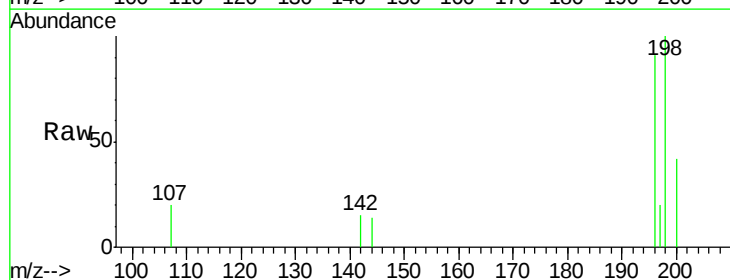
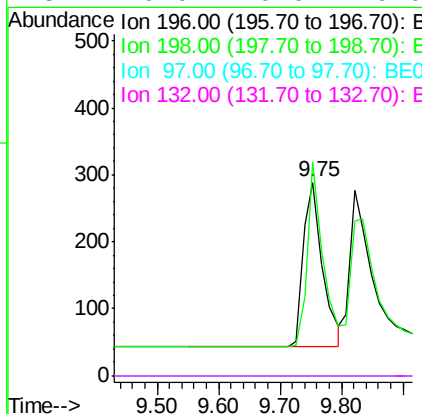
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.5

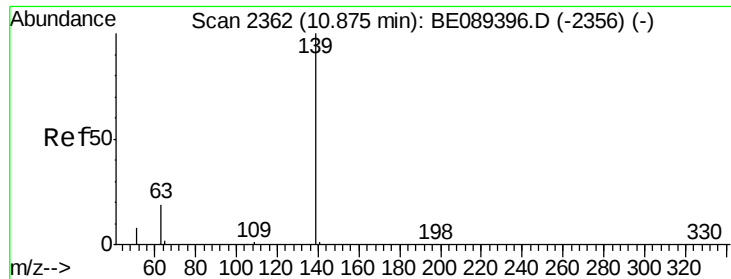
Tgt Ion:196 Resp: 521
 Ion Ratio Lower Upper
 196 100
 198 110.4 95.3 142.9
 200 46.7 29.8 44.6#



#16
 2,4,5-Trichlorophenol
 Concen: 0.16 ng
 RT: 9.75 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: BE089393.D
 Acq: 9 Jan 2015 23:29

Tgt Ion:196 Resp: 521
 Ion Ratio Lower Upper
 196 100
 198 110.4 93.4 140.2
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0

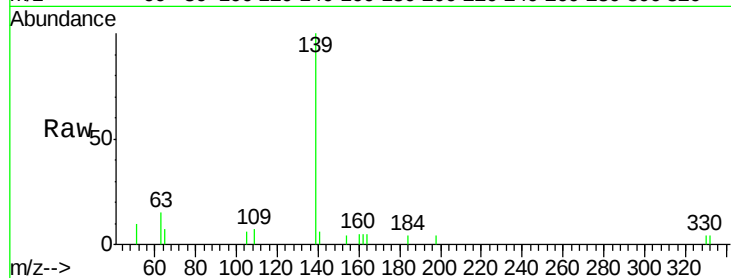




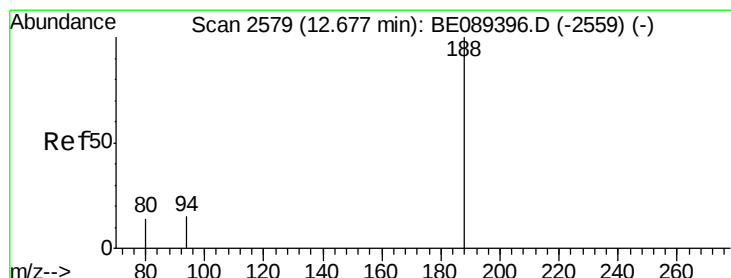
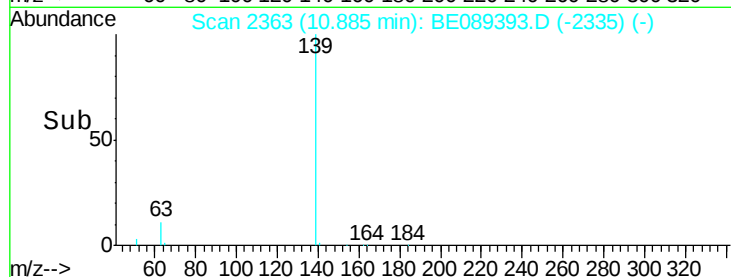
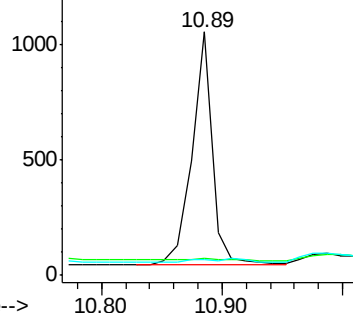
#18
4-Nitrophenol
Concen: 0.17 ng
RT: 10.89 min Scan# 2363
Delta R.T. 0.01 min
Lab File: BE089393.D
Acq: 9 Jan 2015 23:29

Instrument :
BNA_E
LabSampleId :
SSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
139	100		
109	7.0	0.0	22.1
65	6.6	0.0	23.3

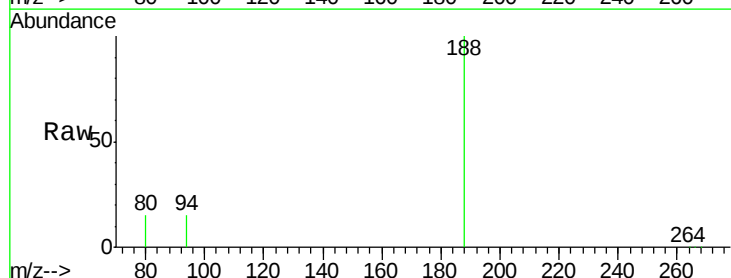


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BE0

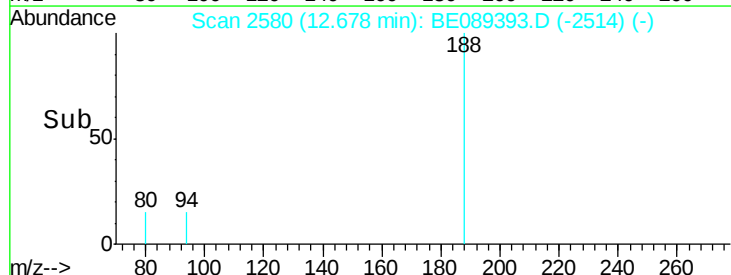
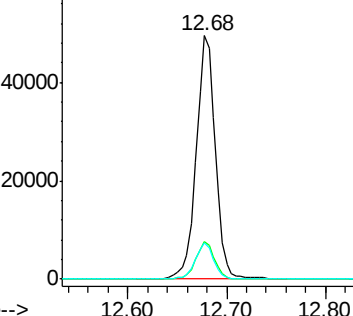


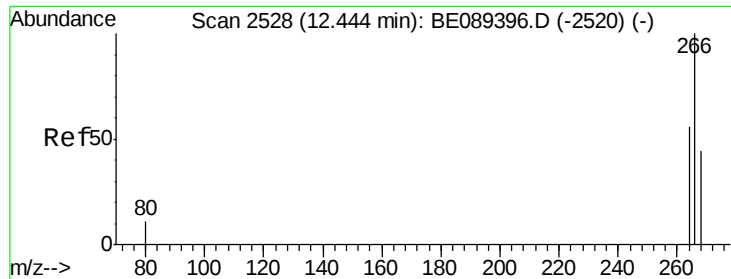
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.68 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BE089393.D
Acq: 9 Jan 2015 23:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.3	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

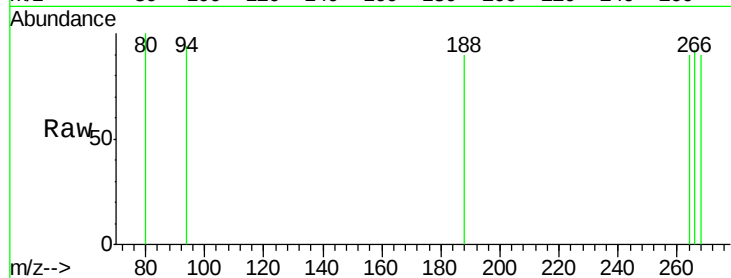




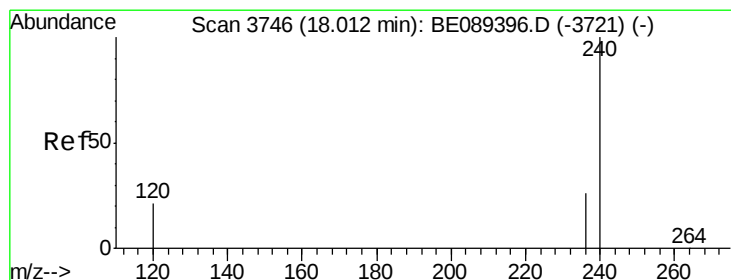
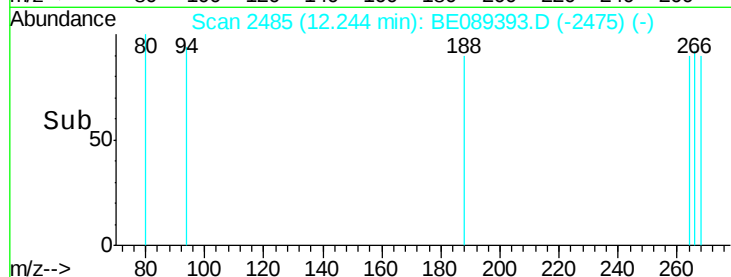
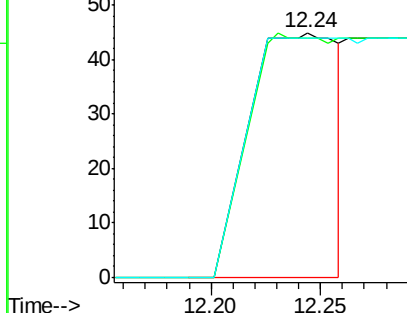
#21
 Pentachlorophenol
 Concen: 0.18 ng
 RT: 12.24 min Scan# 2485
 Delta R.T. -0.20 min
 Lab File: BE089393.D
 Acq: 9 Jan 2015 23:29

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC0.5

Tgt Ion: 266 Resp: 160
 Ion Ratio Lower Upper
 266 100
 268 97.8 72.6 108.8
 264 97.8 74.1 111.1

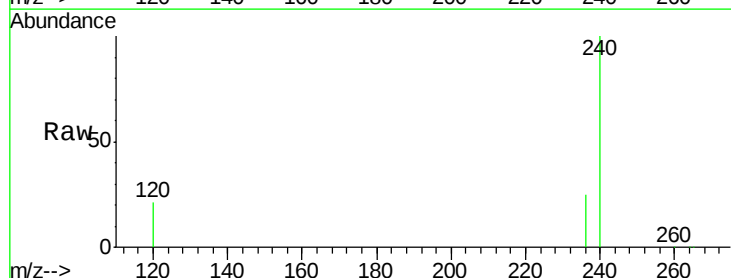


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

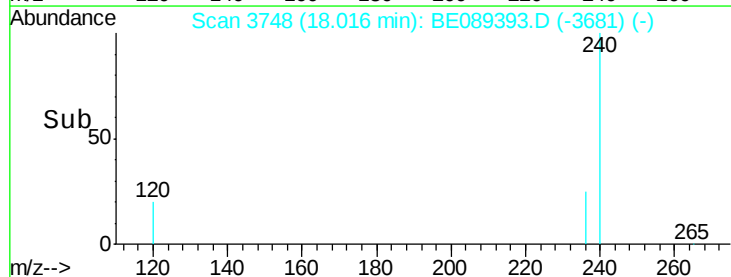
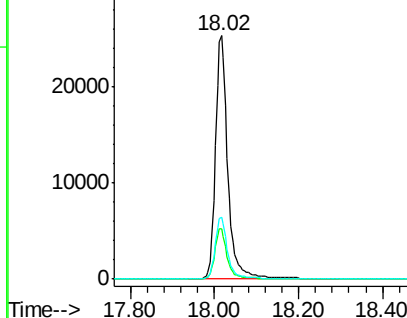


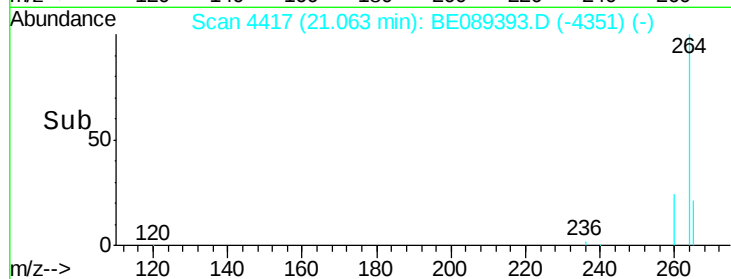
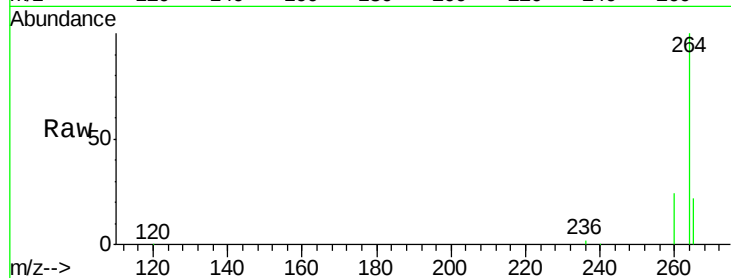
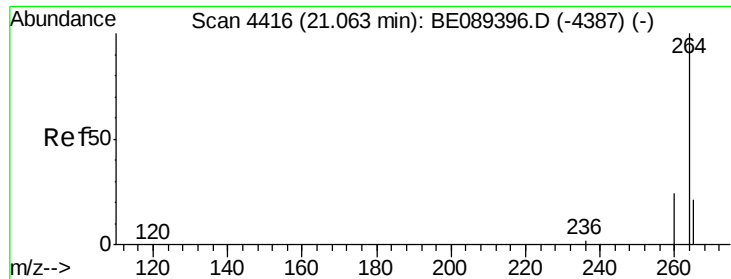
#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.02 min Scan# 3748
 Delta R.T. 0.00 min
 Lab File: BE089393.D
 Acq: 9 Jan 2015 23:29

Tgt Ion: 240 Resp: 50830
 Ion Ratio Lower Upper
 240 100
 120 20.6 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# 4417

Delta R.T. -0.00 min

Lab File: BE089393.D

Acq: 9 Jan 2015 23:29

Instrument :

BNA_E

LabSampleId :

SSTDIC0.5

Tgt Ion: 264 Resp: 44694

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.6 17.3 25.9

