

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
 Data File : BE089395.D
 Acq On : 10 Jan 2015 00:38
 Operator : TP/IZ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC001

Quant Time: Jan 12 01:32:55 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

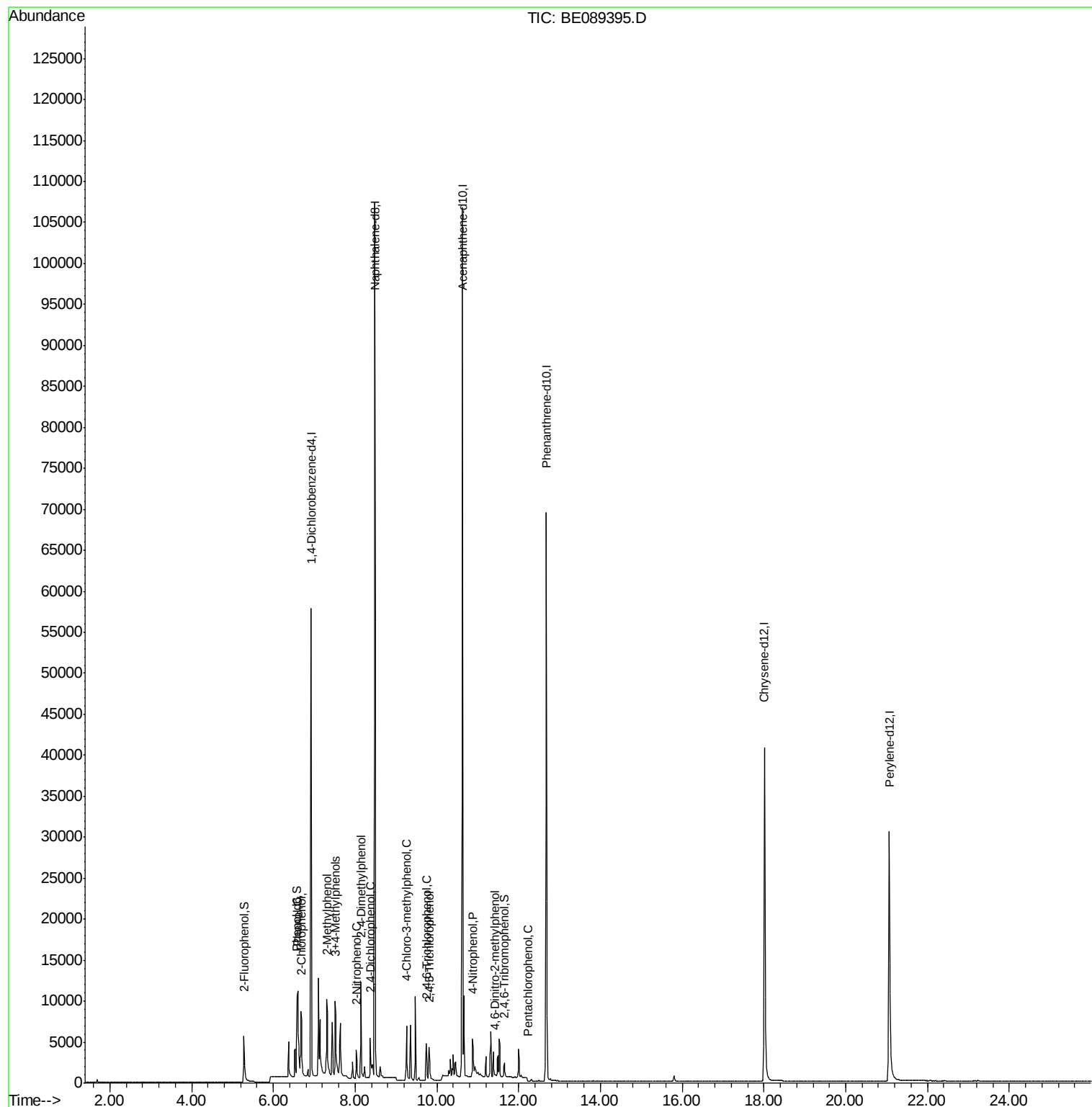
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	26634	5.00	ng	0.00
8) Naphthalene-d8	8.48	136	101168	5.00	ng	0.00
13) Acenaphthene-d10	10.63	164	46859	5.00	ng	0.00
19) Phenanthrene-d10	12.68	188	71556	5.00	ng	0.00
22) Chrysene-d12	18.02	240	54563	5.00	ng	0.00
23) Perylene-d12	21.06	264	49417	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.28	112	5299	0.78	ng	0.00
3) Phenol-d6	6.58	99	7069	0.79	ng	0.00
14) 2,4,6-Tribromophenol	11.65	330	1131	0.75	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.69	128	6525	0.87	ng	98
5) Phenol	6.59	94	8822	0.81	ng	93
6) 2-Methylphenol	7.31	107	4885	0.60	ng	98
7) 3+4-Methylphenols	7.52	107	6312	0.86	ng	99
9) 2-Nitrophenol	8.03	139	2847	0.80	ng	90
10) 2,4-Dimethylphenol	8.14	122	5517	0.87	ng	94
11) 2,4-Dichlorophenol	8.37	162	4444	0.81	ng	95
12) 4-Chloro-3-methylphenol	9.25	107	4664	0.82	ng	96
15) 2,4,6-Trichlorophenol	9.74	196	2638	0.83	ng	86
16) 2,4,5-Trichlorophenol	9.81	196	2889	0.81	ng	86
18) 4-Nitrophenol	10.88	139	4946	0.68	ng	98
20) 4,6-Dinitro-2-methylphenol	11.43	198	285	0.26	ng	78
21) Pentachlorophenol	12.23	266	173	0.19	ng	95

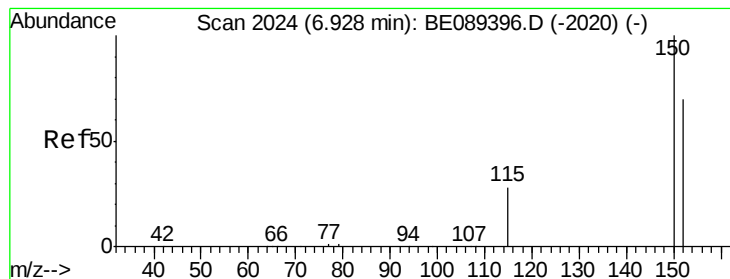
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089395.D

Acq: 10 Jan 2015 00:38

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

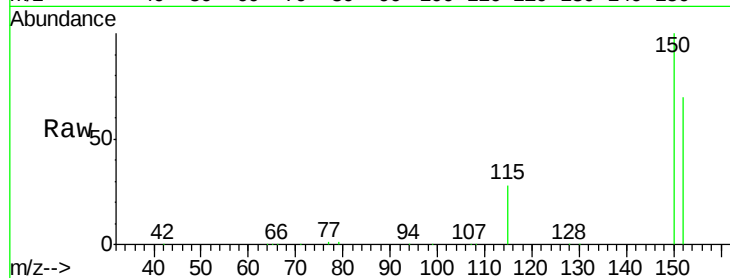
Tgt Ion:152 Resp: 26634

Ion Ratio Lower Upper

152 100

150 143.6 114.2 171.2

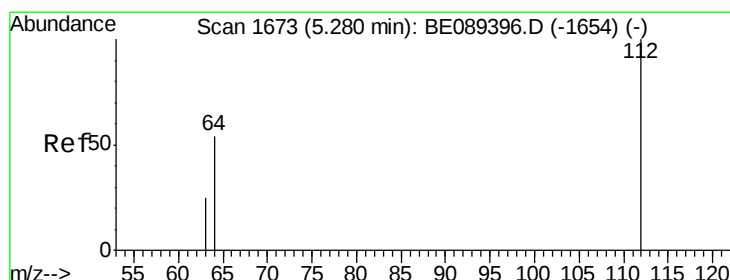
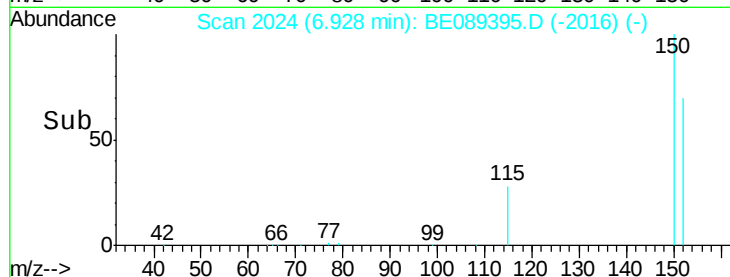
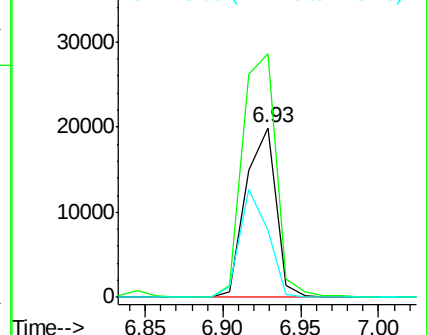
115 39.7 31.8 47.8



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: 0.78 ng

RT: 5.28 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

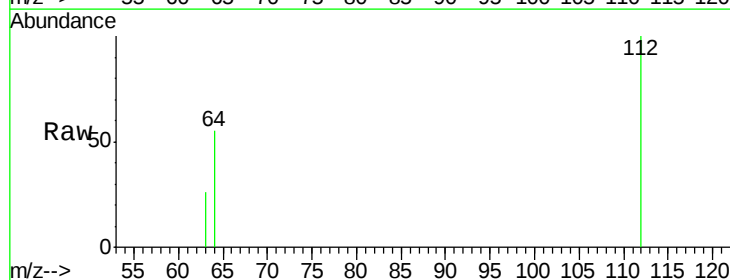
Tgt Ion:112 Resp: 5299

Ion Ratio Lower Upper

112 100

64 55.1 43.8 65.8

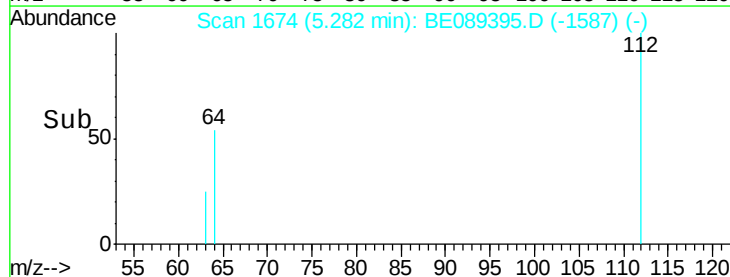
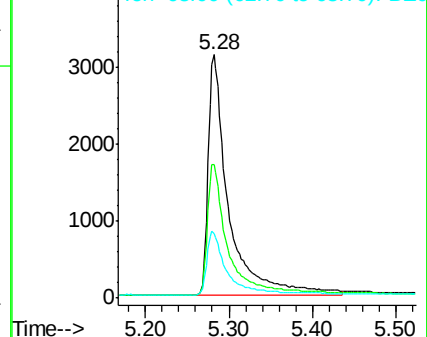
63 26.5 20.9 31.3

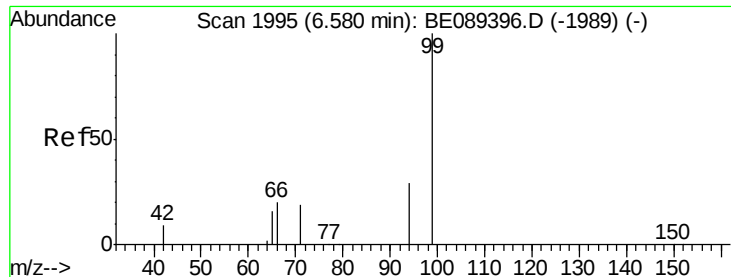


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 0.79 ng

RT: 6.58 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

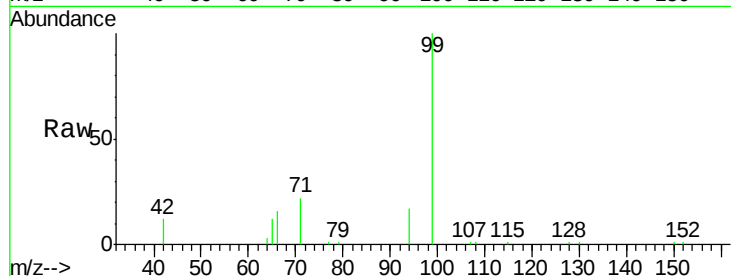
Tgt Ion: 99 Resp: 7069

Ion Ratio Lower Upper

99 100

42 12.2 7.8 11.8#

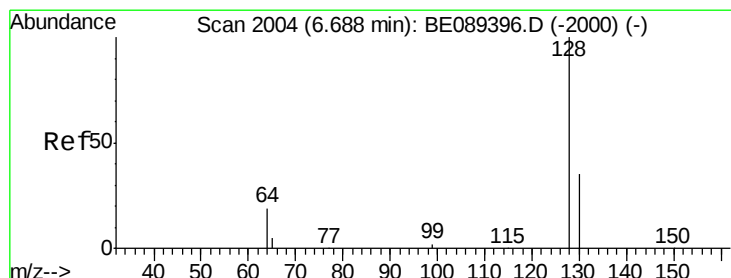
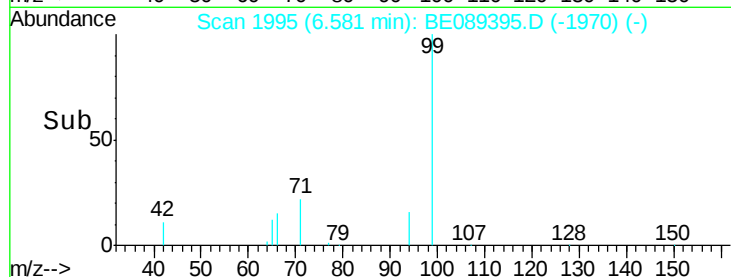
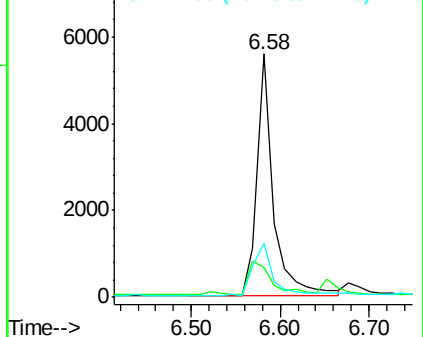
71 22.4 15.4 23.0



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: 0.87 ng

RT: 6.69 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

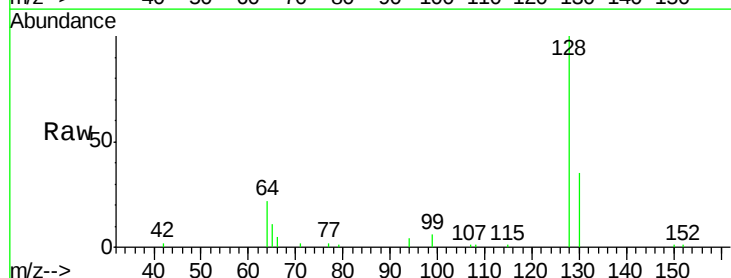
Tgt Ion: 128 Resp: 6525

Ion Ratio Lower Upper

128 100

130 35.0 15.6 55.6

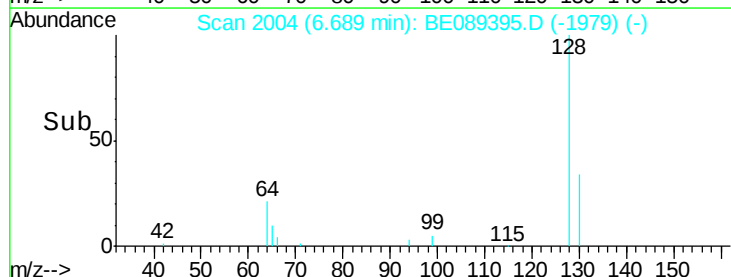
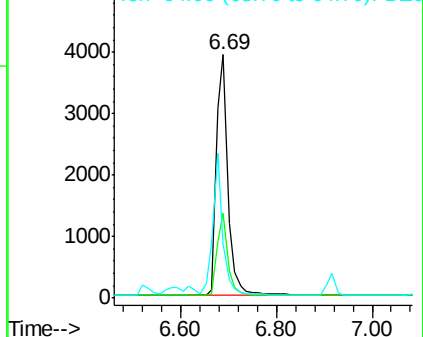
64 22.1 0.8 40.8

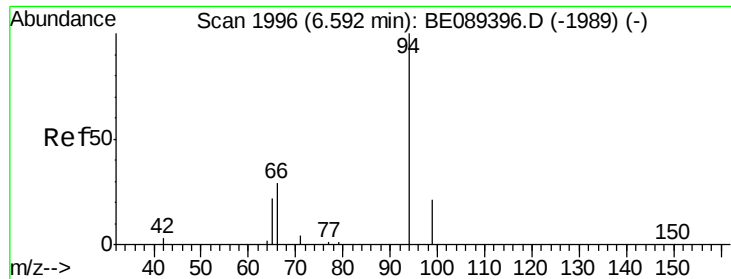


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 0.81 ng

RT: 6.59 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

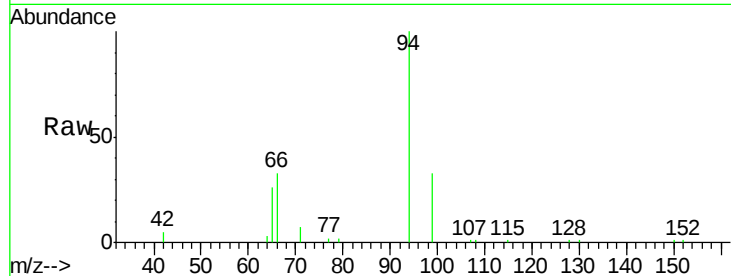
Tgt Ion: 94 Resp: 8822

Ion Ratio Lower Upper

94 100

65 26.0 2.6 42.6

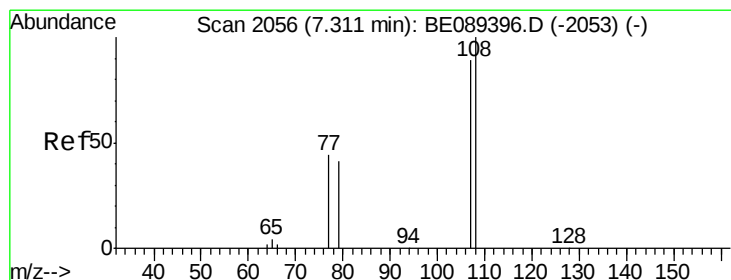
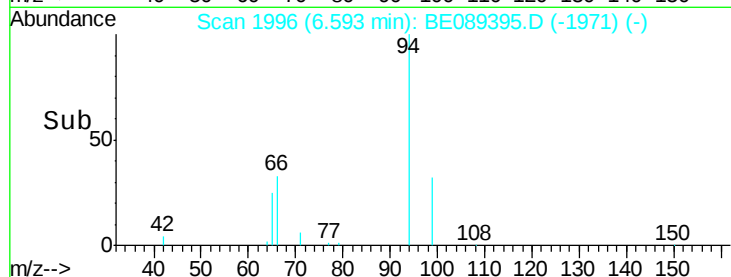
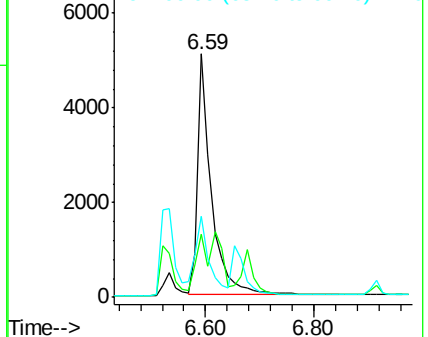
66 33.5 9.5 49.5



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: 0.60 ng

RT: 7.31 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

Tgt Ion: 107 Resp: 4885

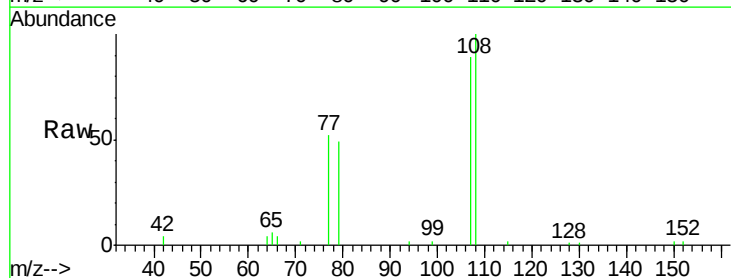
Ion Ratio Lower Upper

107 100

108 112.2 90.7 136.1

77 58.8 45.1 67.7

79 54.9 42.0 63.0

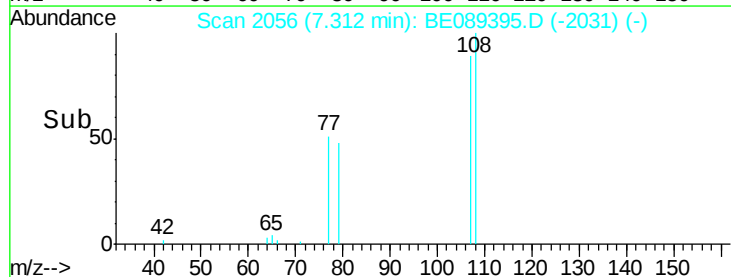
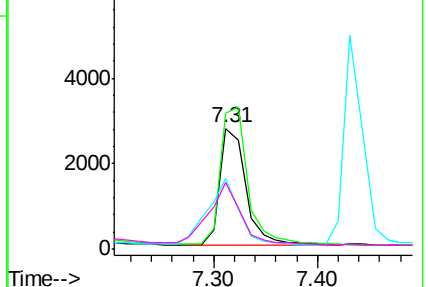


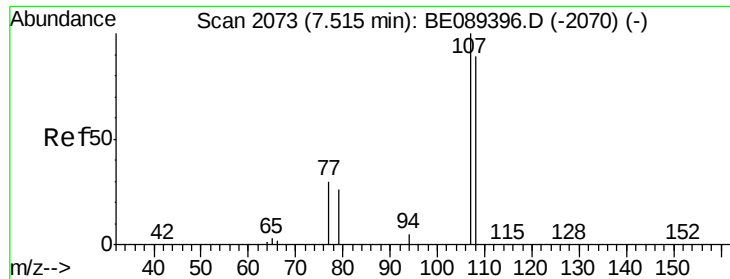
Abundance Ion 107.00 (106.70 to 107.70): E

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: 0.86 ng

RT: 7.52 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

Tgt Ion:107 Resp: 6312

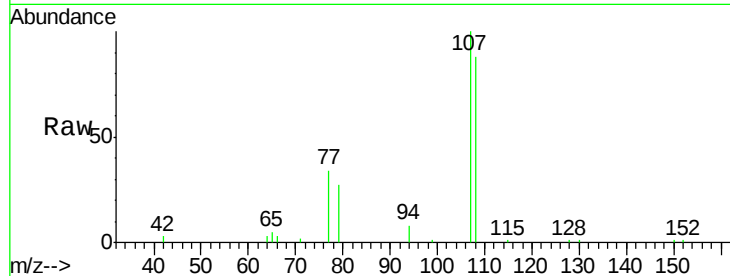
Ion Ratio Lower Upper

107 100

108 88.2 69.4 109.4

77 33.9 12.6 52.6

79 27.4 6.9 46.9

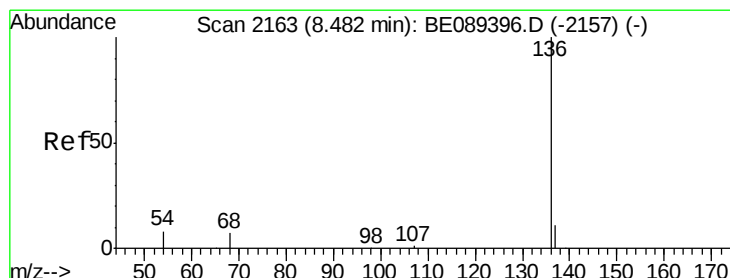
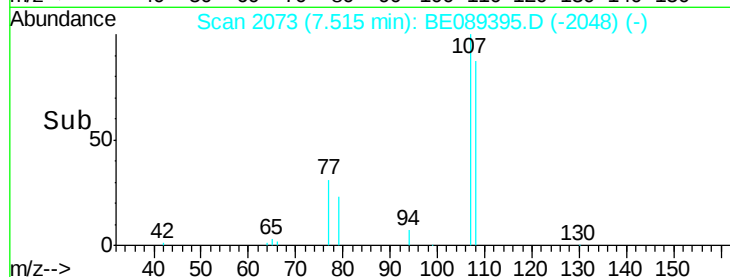
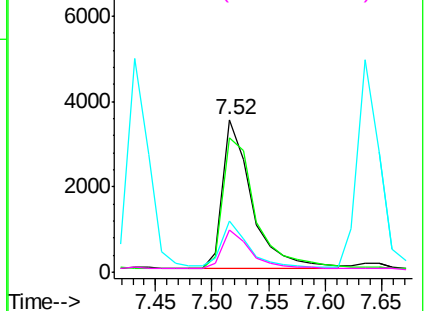


Abundance Ion 107.00 (106.70 to 107.70): E

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: BE089395.D

Acq: 10 Jan 2015 00:38

Tgt Ion:136 Resp: 101168

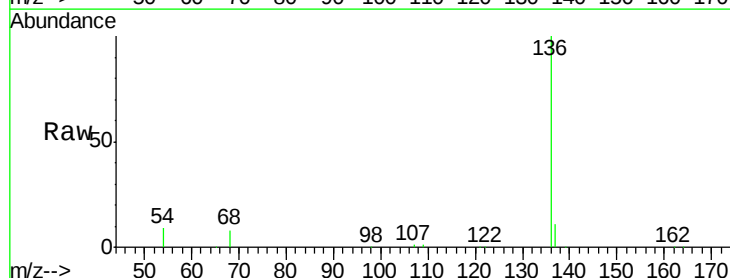
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 8.9 6.6 10.0

68 8.0 6.0 9.0

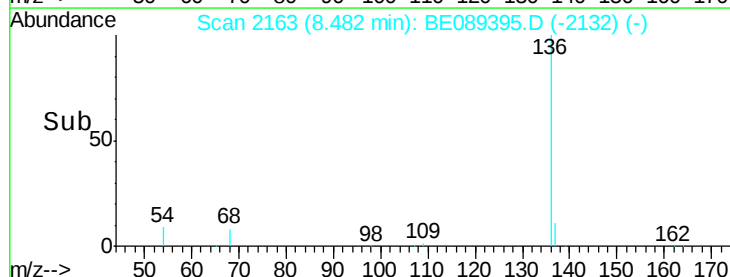
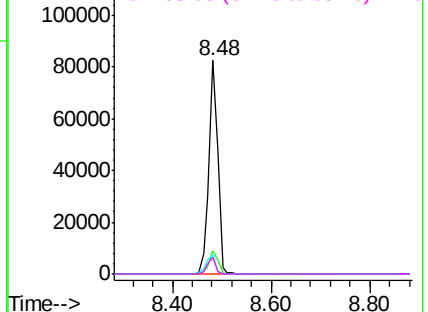


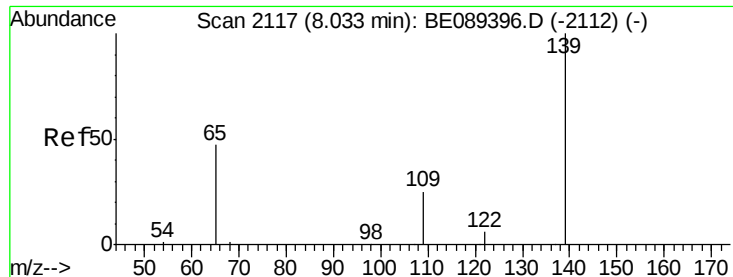
Abundance Ion 136.00 (135.70 to 136.70): E

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

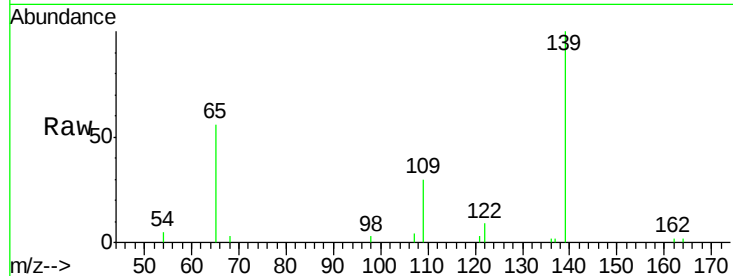




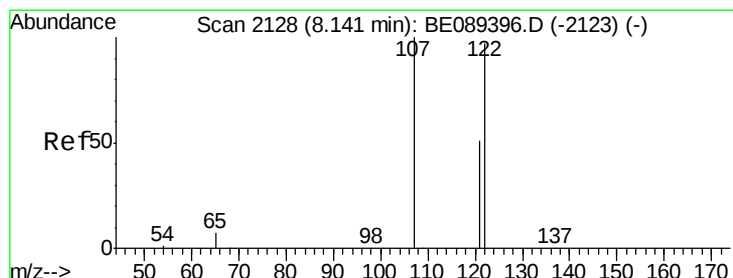
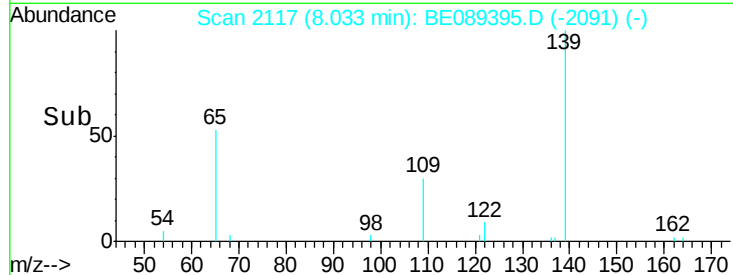
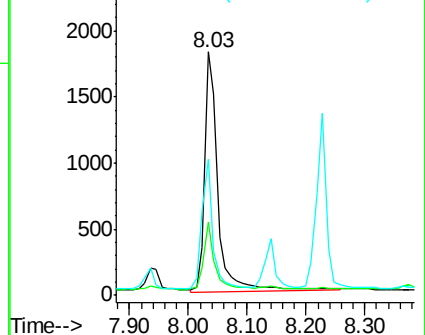
#9
2-Nitrophenol
Concen: 0.80 ng
RT: 8.03 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 10 Jan 2015 00:38

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.0	21.2	31.8
65	55.8	38.1	57.1

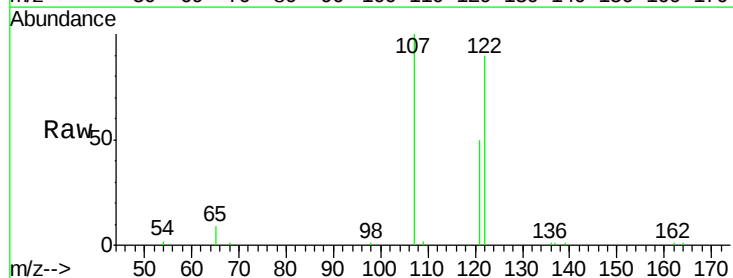


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

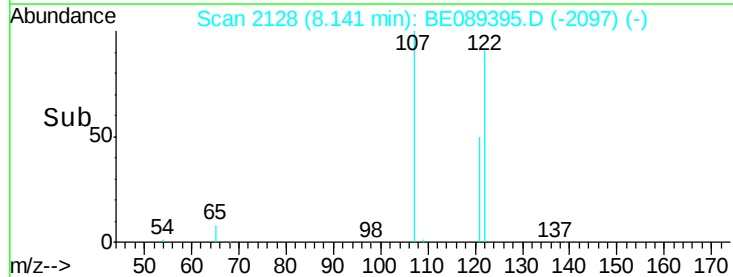
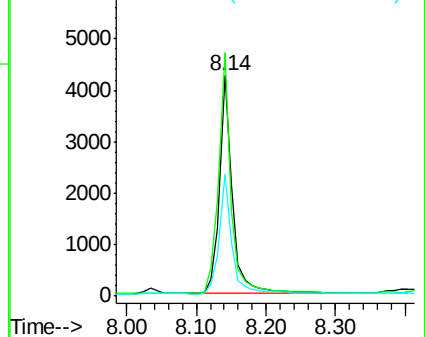


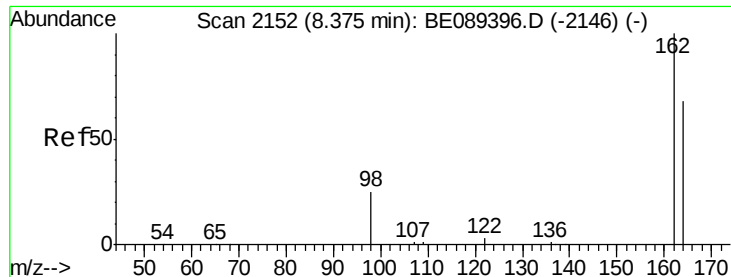
#10
2,4-Dimethylphenol
Concen: 0.87 ng
RT: 8.14 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 10 Jan 2015 00:38

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.7	82.5	123.7
121	55.6	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: 0.81 ng

RT: 8.37 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

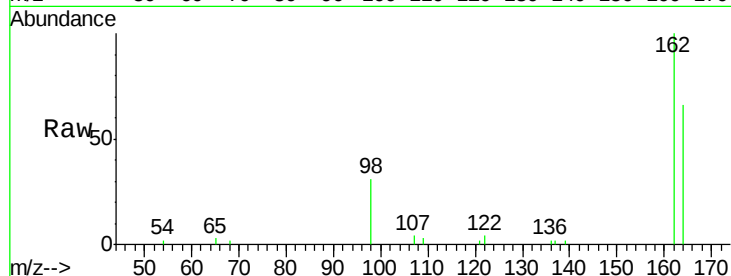
Tgt Ion:162 Resp: 4444

Ion Ratio Lower Upper

162 100

164 66.1 48.0 88.0

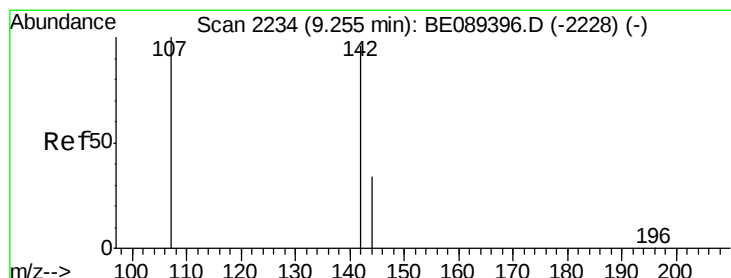
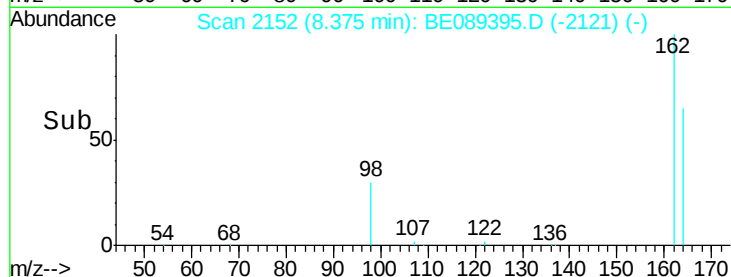
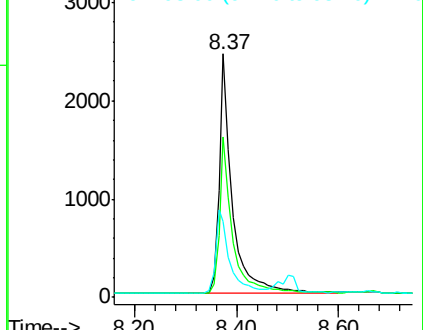
98 31.2 5.8 45.8



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: 0.82 ng

RT: 9.25 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

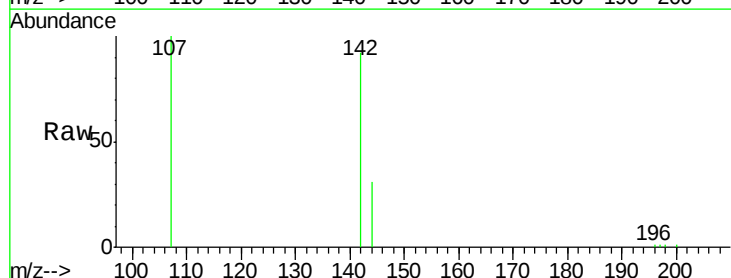
Tgt Ion:107 Resp: 4664

Ion Ratio Lower Upper

107 100

144 31.2 27.4 41.2

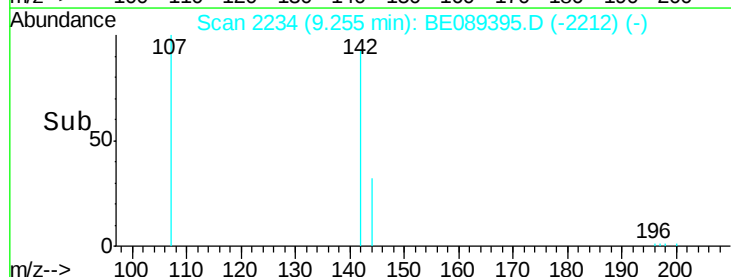
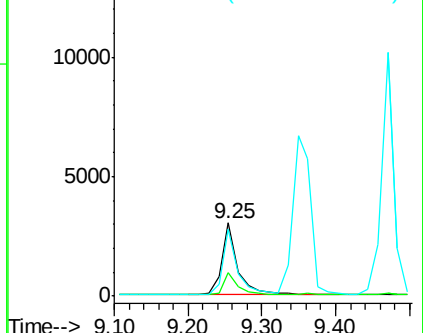
142 92.0 76.6 114.8

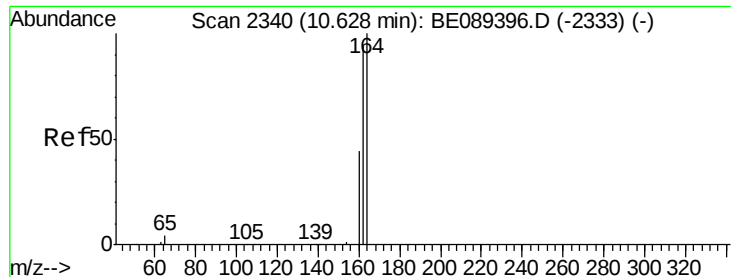


Abundance Ion 107.00 (106.70 to 107.70): E

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: BE089395.D

Acq: 10 Jan 2015 00:38

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

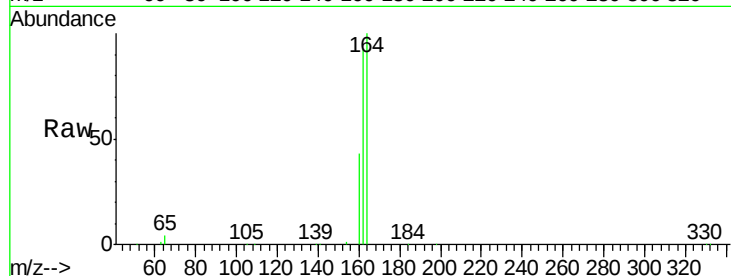
Tgt Ion:164 Resp: 46859

Ion Ratio Lower Upper

164 100

162 93.4 75.2 112.8

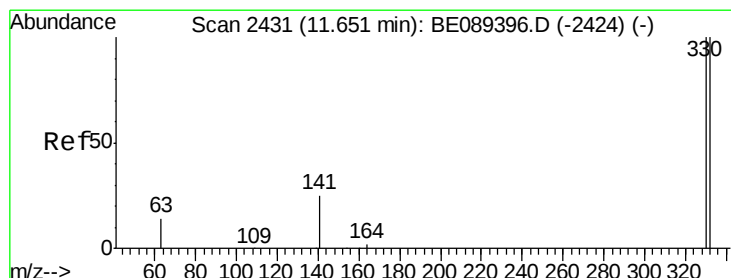
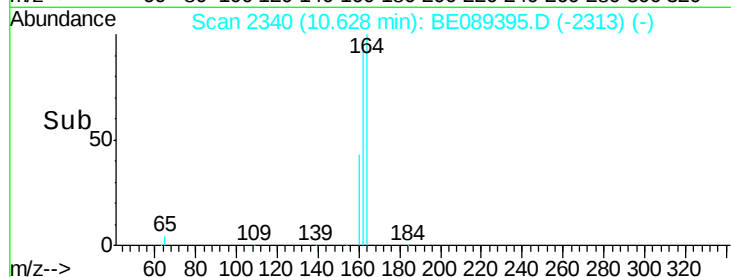
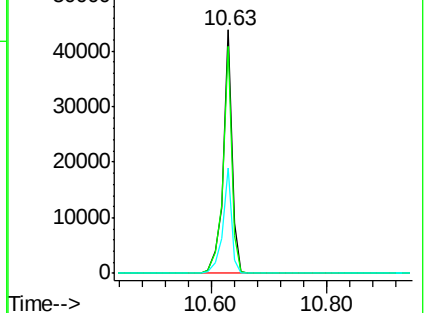
160 43.2 35.0 52.4



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: 0.75 ng

RT: 11.65 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

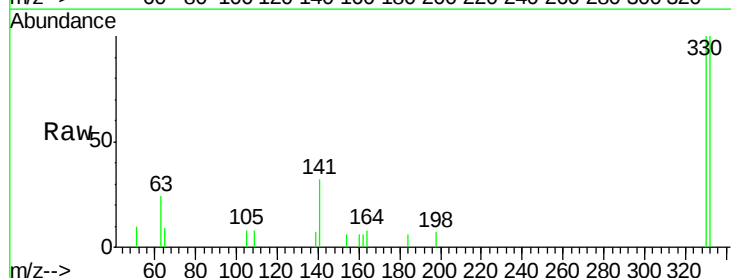
Tgt Ion:330 Resp: 1131

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

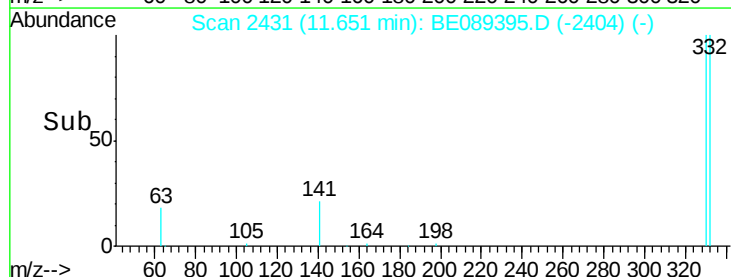
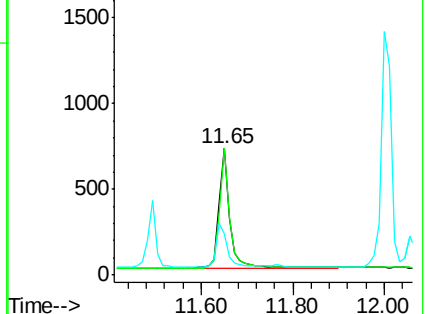
141 37.1 29.9 44.9

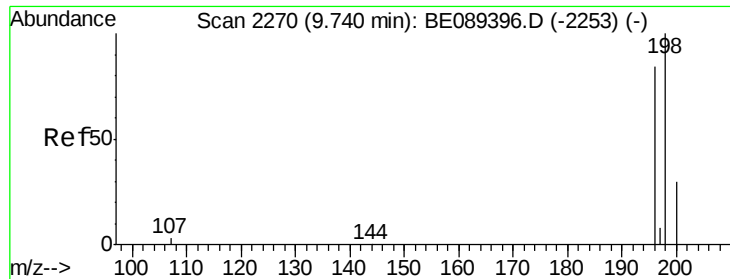


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

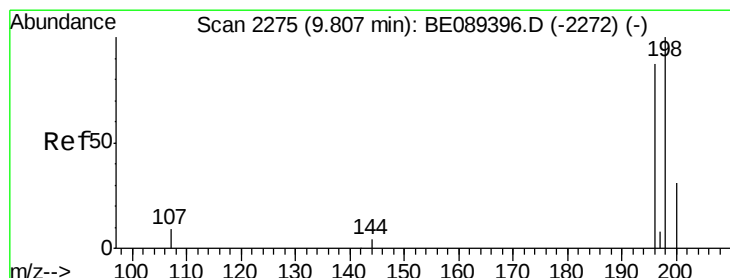
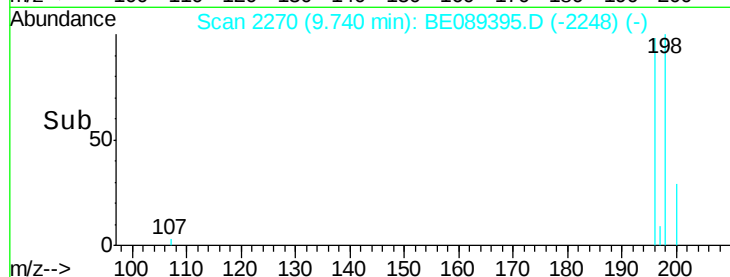
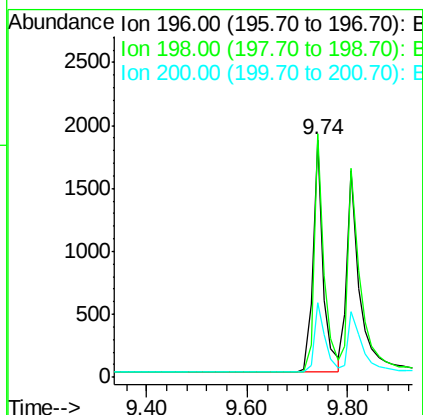
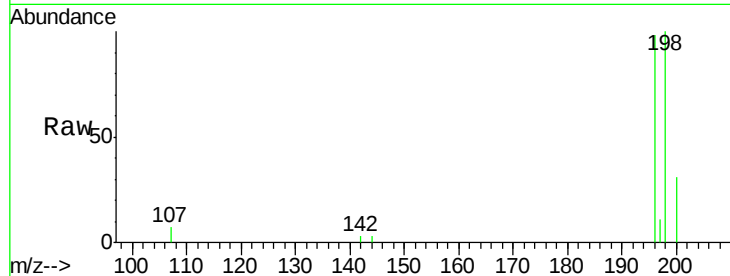




#15
 2,4,6-Trichlorophenol
 Concen: 0.83 ng
 RT: 9.74 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BE089395.D
 Acq: 10 Jan 2015 00:38

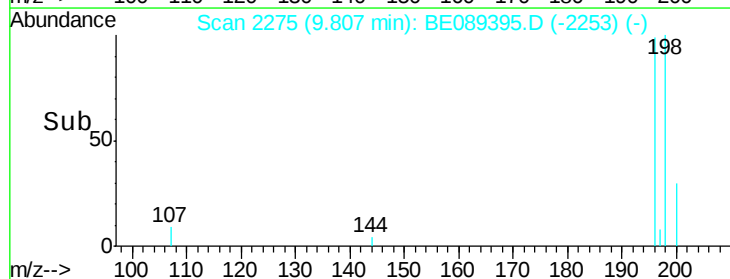
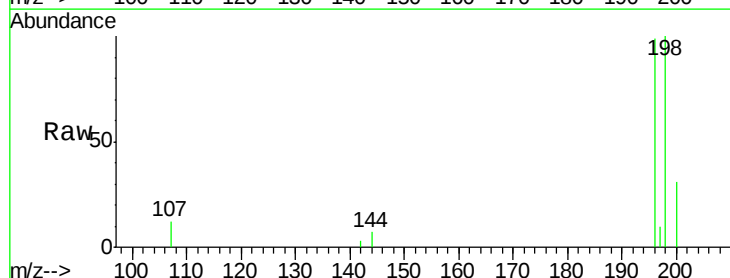
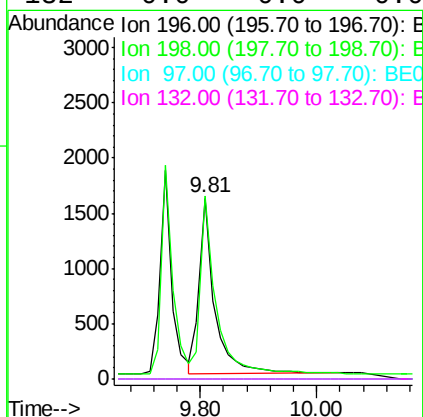
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC001

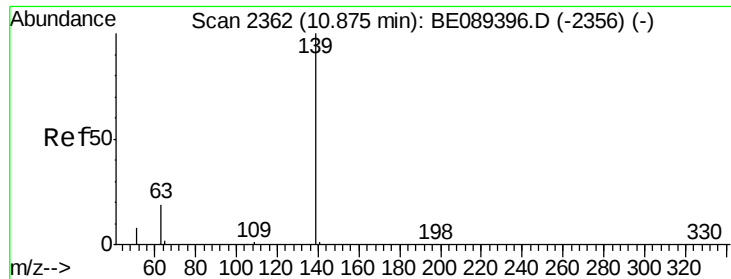
Tgt Ion:196 Resp: 2638
 Ion Ratio Lower Upper
 196 100
 198 102.4 95.3 142.9
 200 31.7 29.8 44.6



#16
 2,4,5-Trichlorophenol
 Concen: 0.81 ng
 RT: 9.81 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE089395.D
 Acq: 10 Jan 2015 00:38

Tgt Ion:196 Resp: 2889
 Ion Ratio Lower Upper
 196 100
 198 101.3 93.4 140.2
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0

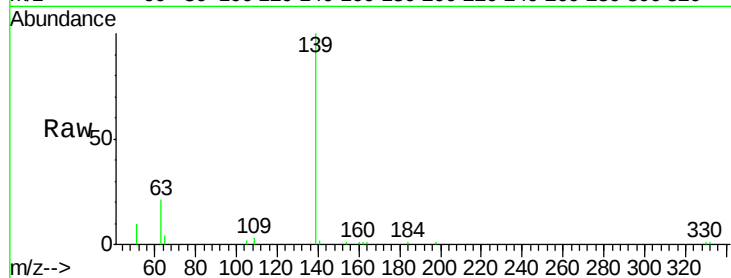




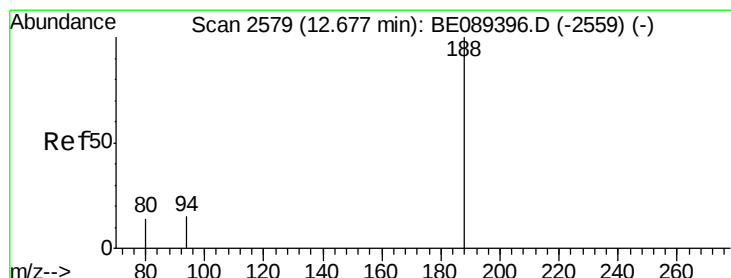
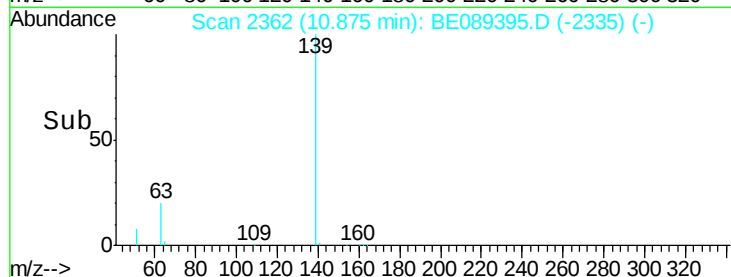
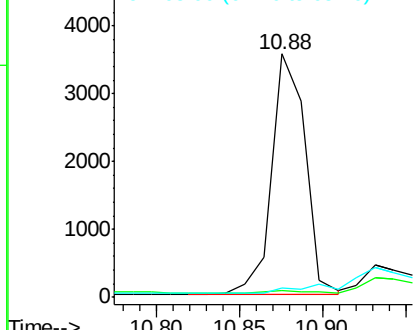
#18
4-Nitrophenol
Concen: 0.68 ng
RT: 10.88 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 10 Jan 2015 00:38

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion	Ratio	Lower	Upper
139	100		
109	2.7	0.0	22.1
65	4.0	0.0	23.3

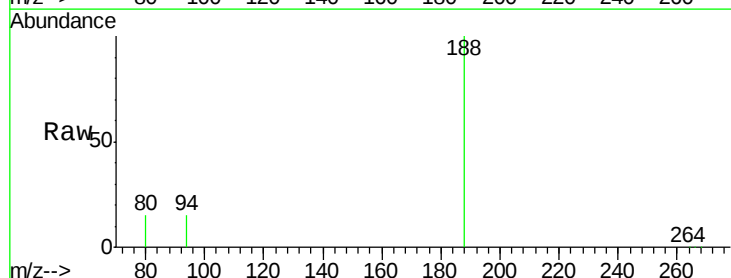


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BE0

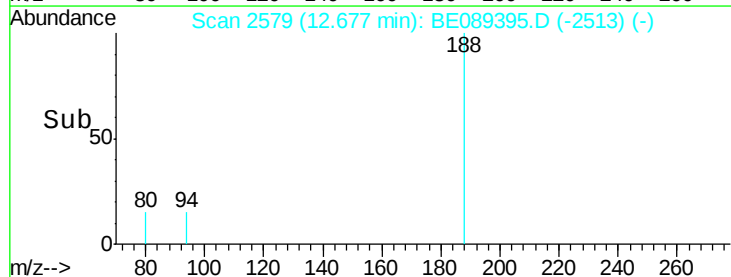
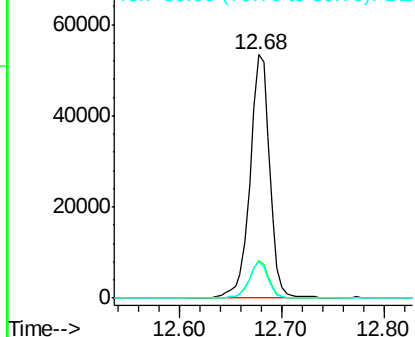


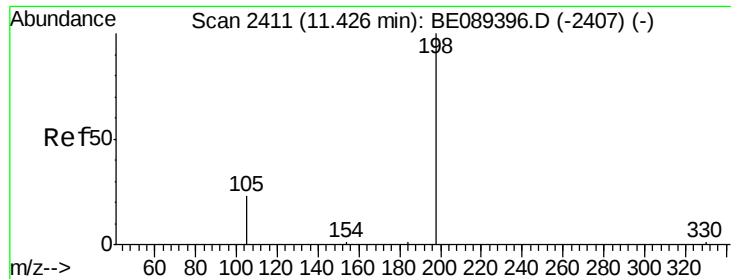
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.68 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BE089395.D
Acq: 10 Jan 2015 00:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.3	12.1	18.1
80	14.8	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

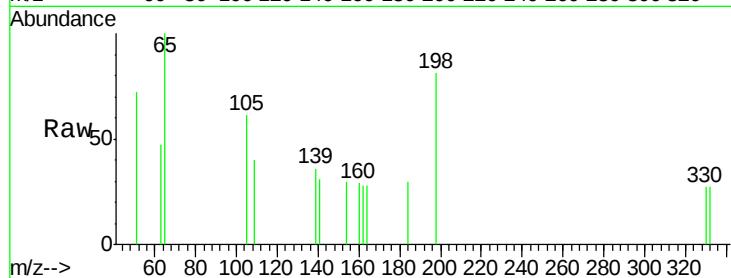




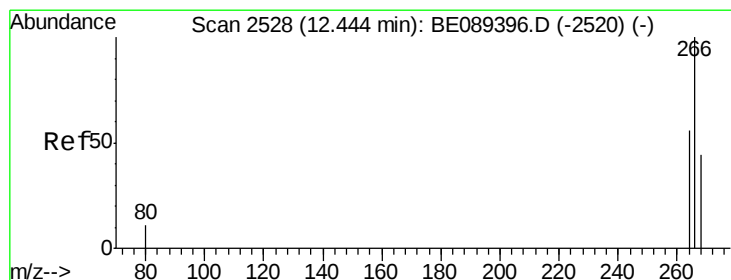
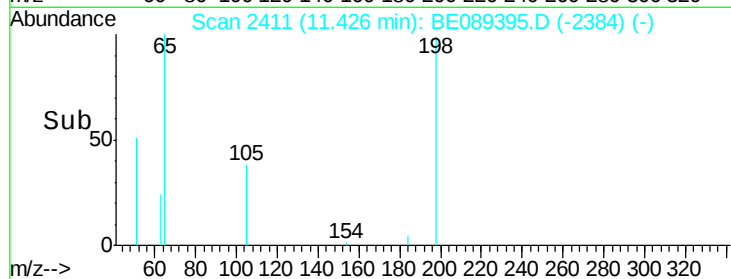
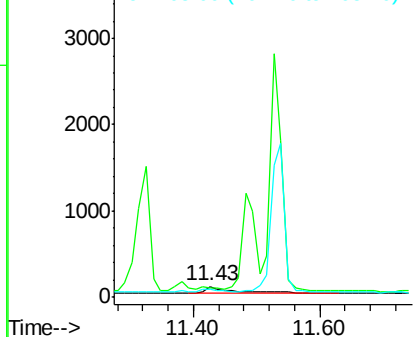
#20
4,6-Dinitro-2-methylphenol
Concen: 0.26 ng
RT: 11.43 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BE089395.D
Acq: 10 Jan 2015 00:38

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:198 Resp: 285
Ion Ratio Lower Upper
198 100
51 88.3 49.4 89.4
105 75.0 39.8 79.8

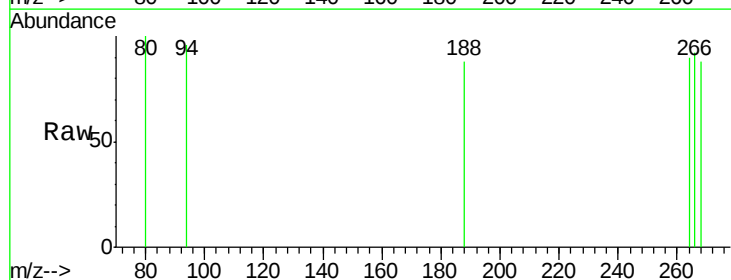


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BE
Ion 105.00 (104.70 to 105.70): E

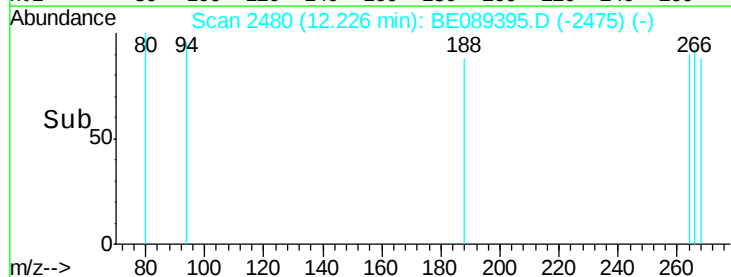
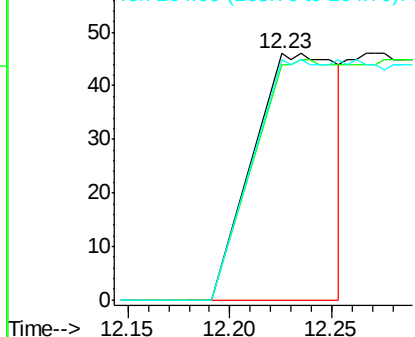


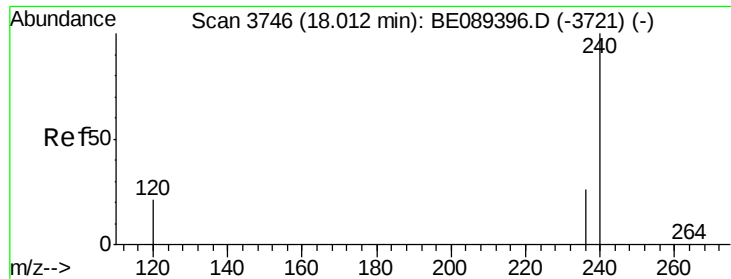
#21
Pentachlorophenol
Concen: 0.19 ng
RT: 12.23 min Scan# 2480
Delta R.T. -0.22 min
Lab File: BE089395.D
Acq: 10 Jan 2015 00:38

Tgt Ion:266 Resp: 173
Ion Ratio Lower Upper
266 100
268 95.7 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# 3747

Delta R.T. 0.00 min

Lab File: BE089395.D

Acq: 10 Jan 2015 00:38

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

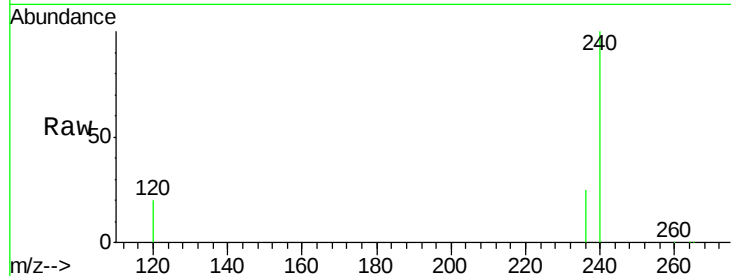
Tgt Ion:240 Resp: 54563

Ion Ratio Lower Upper

240 100

120 20.1 17.0 25.4

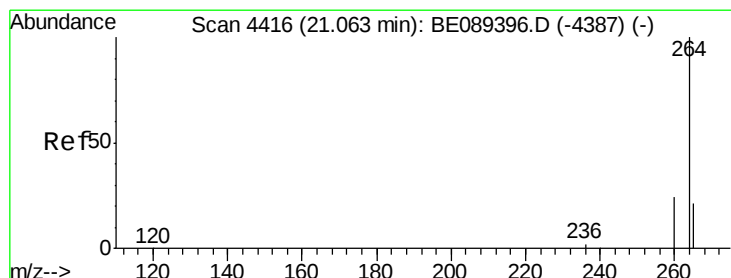
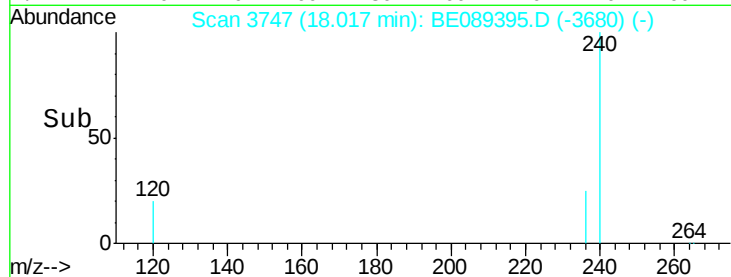
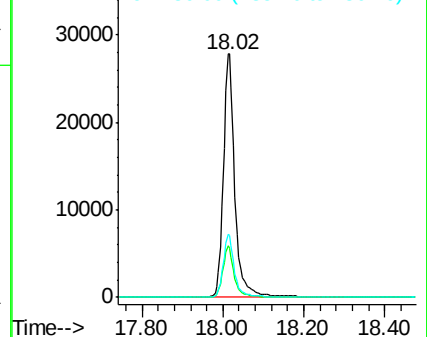
236 25.2 20.8 31.2



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: BE089395.D

Acq: 10 Jan 2015 00:38

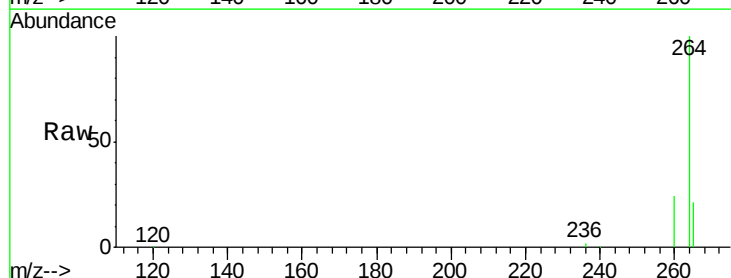
Tgt Ion:264 Resp: 49417

Ion Ratio Lower Upper

264 100

260 23.8 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

