

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
 Data File : BE089181.D
 Acq On : 8 Dec 2014 23:59
 Operator : TP/JJ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICCC001

Quant Time: Dec 09 03:49:20 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE120814.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 09 03:43:23 2014
 Response via : Initial Calibration

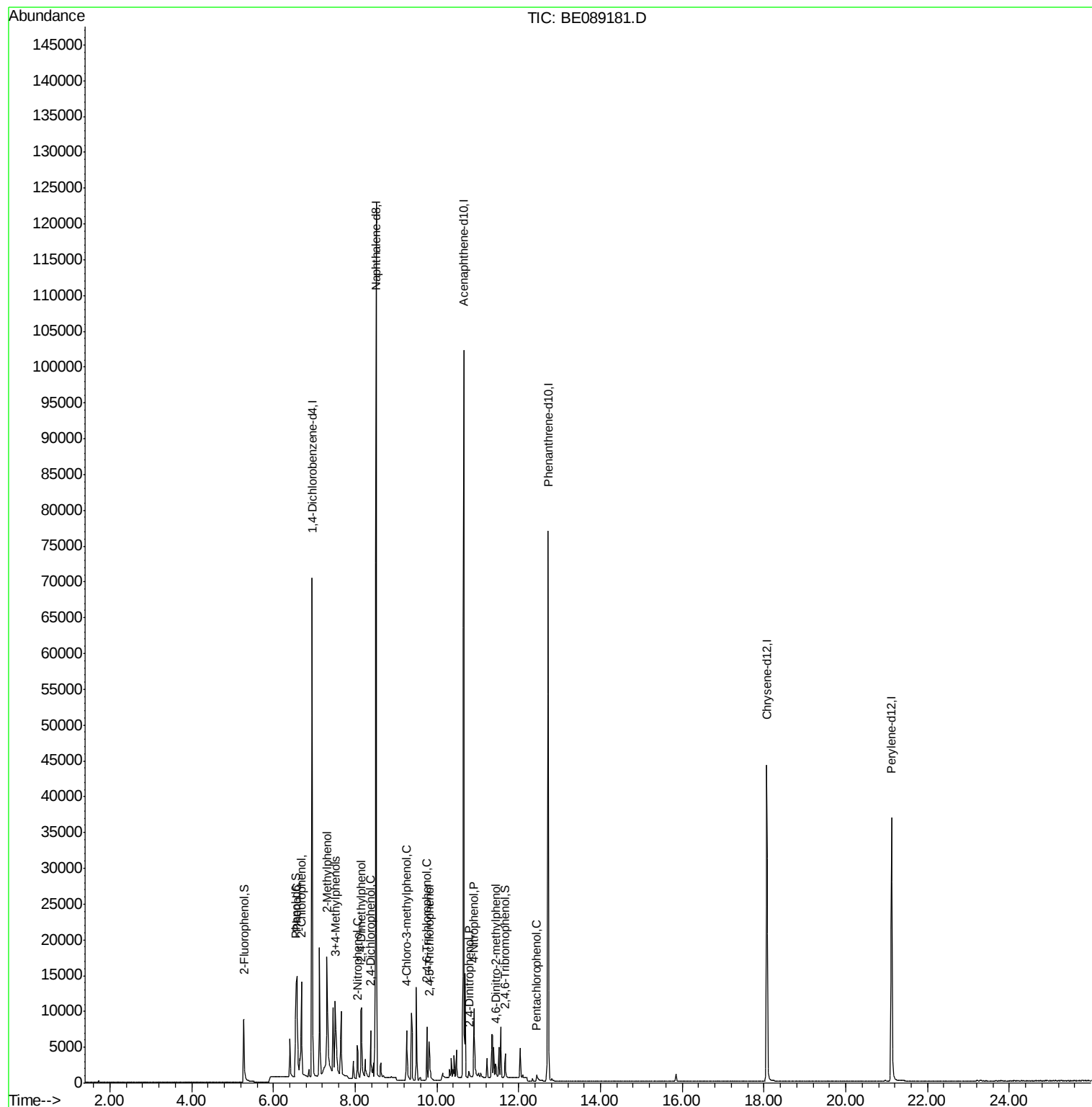
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	28601	5.00	ng	0.00
8) Naphthalene-d8	8.51	136	110080	5.00	ng	0.00
13) Acenaphthene-d10	10.66	164	53194	5.00	ng	0.00
19) Phenanthrene-d10	12.72	188	78741	5.00	ng	0.00
22) Chrysene-d12	18.07	240	56035	5.00	ng	0.00
23) Perylene-d12	21.12	264	51034	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.27	112	7997	1.07	ng	0.00
3) Phenol-d6	6.56	99	10272	1.09	ng	0.00
14) 2,4,6-Tribromophenol	11.67	330	1847	0.94	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.69	128	8425	1.20	ng	100
5) Phenol	6.57	94	12262	1.19	ng	100
6) 2-Methylphenol	7.31	107	9991	0.51	ng	100
7) 3+4-Methylphenols	7.52	107	8249	0.34	ng	100
9) 2-Nitrophenol	8.06	139	4067	1.50	ng	100
10) 2,4-Dimethylphenol	8.15	122	7083	1.19	ng	100
11) 2,4-Dichlorophenol	8.38	162	6095	1.18	ng	100
12) 4-Chloro-3-methylphenol	9.26	107	6378	1.16	ng	100
15) 2,4,6-Trichlorophenol	9.75	196	3665	1.07	ng	100
16) 2,4,5-Trichlorophenol	9.81	196	4259	1.21	ng	100
17) 2,4-Dinitrophenol	10.79	184	817	2.17	ng	100
18) 4-Nitrophenol	10.91	139	8824	3.34	ng	100
20) 4,6-Dinitro-2-methylphenol	11.45	198	1323	1.81	ng	100
21) Pentachlorophenol	12.44	266	1119	0.89	ng	100

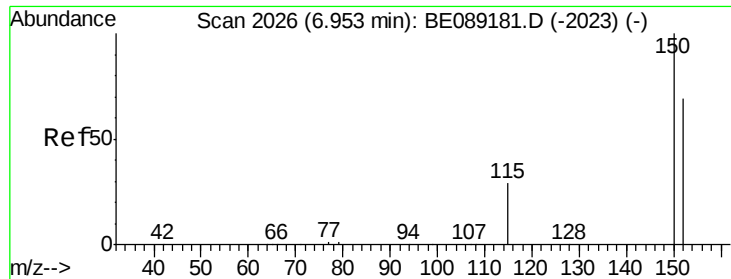
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.95 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

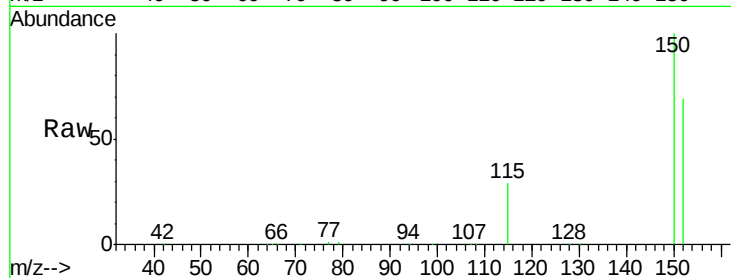
Tgt Ion:152 Resp: 28601

Ion Ratio Lower Upper

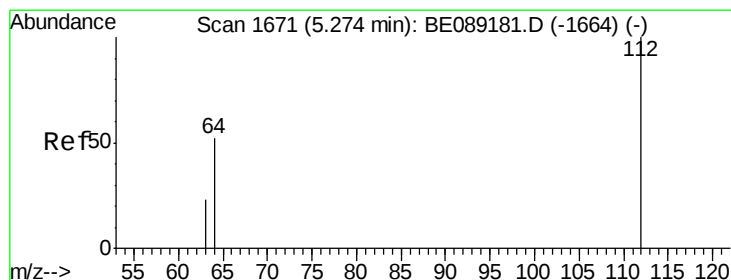
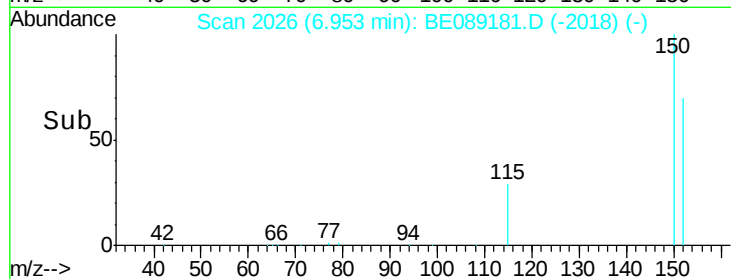
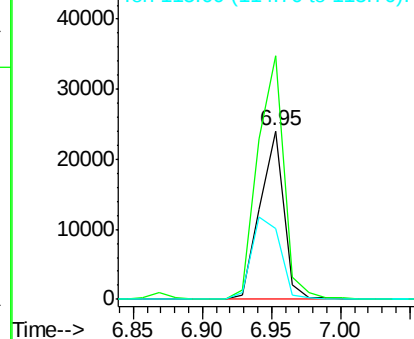
152 100

150 144.3 115.4 173.2

115 41.6 33.3 49.9



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: 1.07 ng

RT: 5.27 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

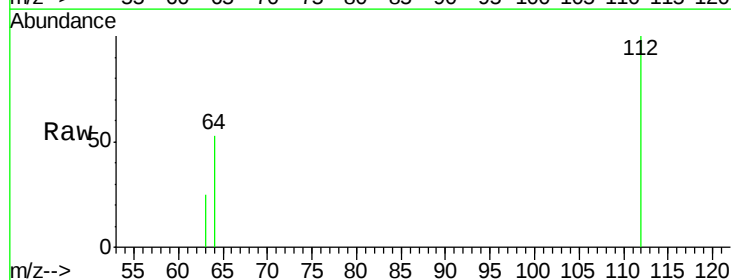
Tgt Ion:112 Resp: 7997

Ion Ratio Lower Upper

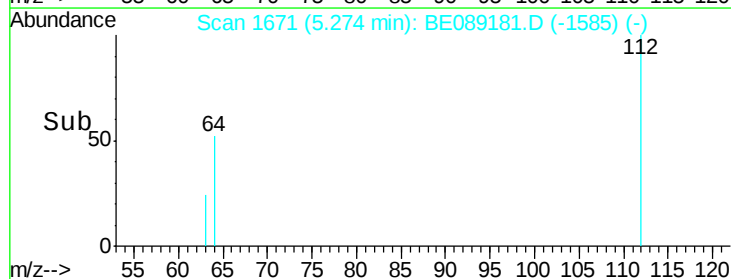
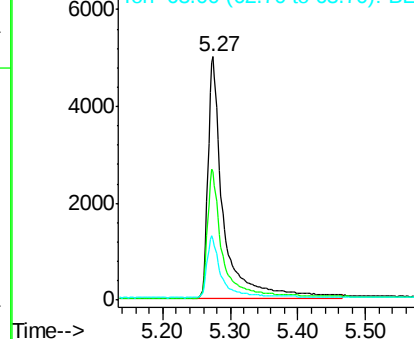
112 100

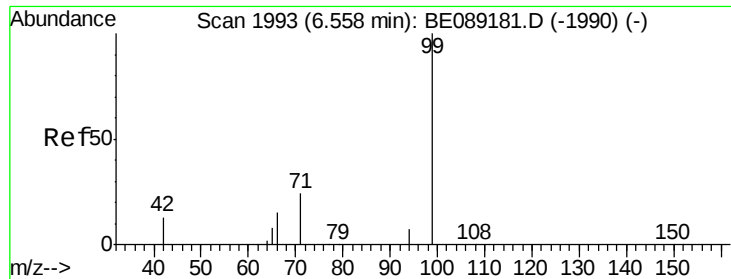
64 52.9 42.3 63.5

63 25.0 20.0 30.0



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: 1.09 ng

RT: 6.56 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

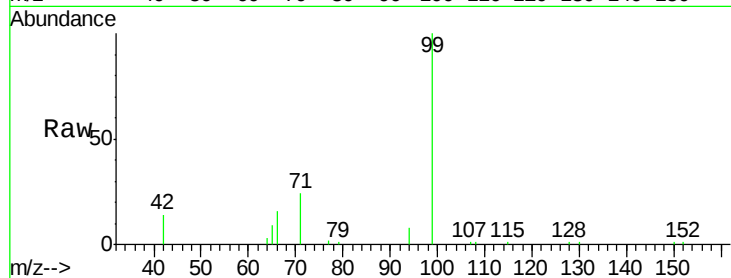
Tgt Ion: 99 Resp: 10272

Ion Ratio Lower Upper

99 100

42 14.0 11.2 16.8

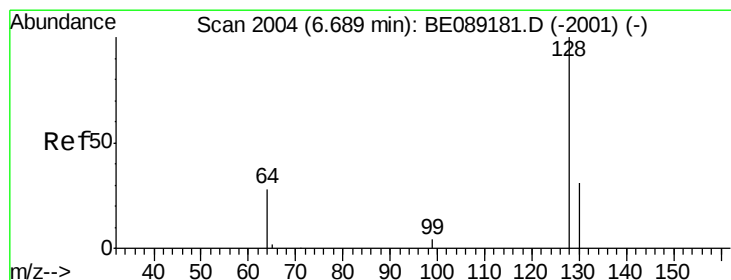
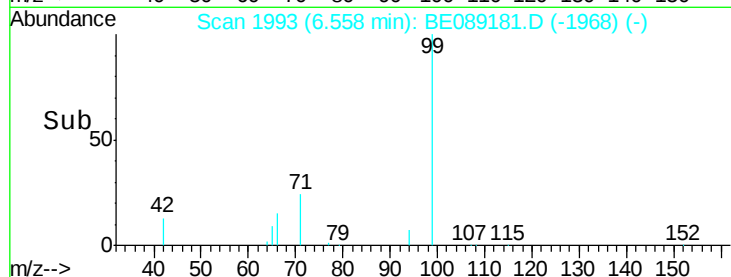
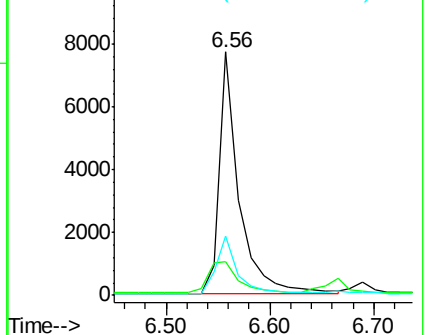
71 24.1 19.3 28.9



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: 1.20 ng

RT: 6.69 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

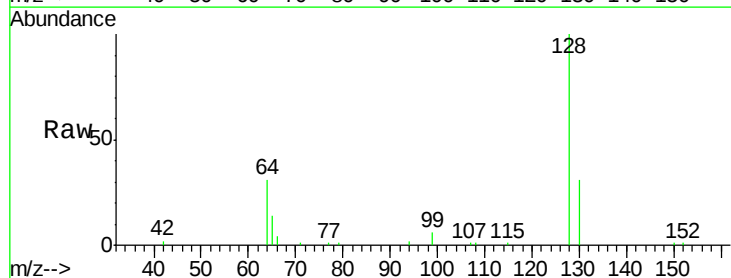
Tgt Ion: 128 Resp: 8425

Ion Ratio Lower Upper

128 100

130 31.2 11.2 51.2

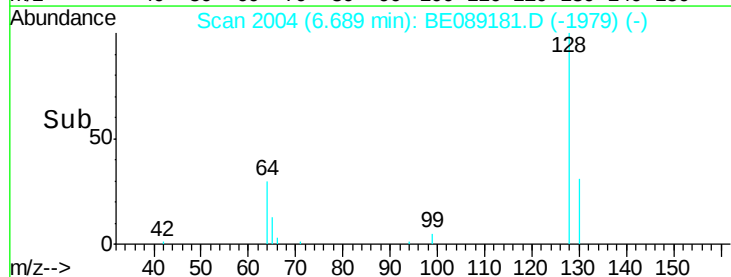
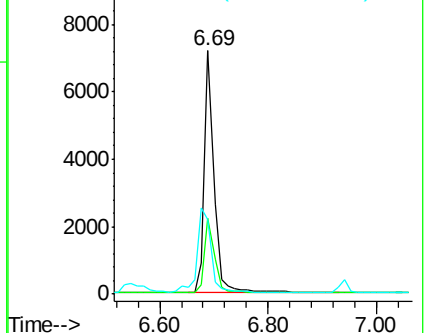
64 30.6 10.6 50.6

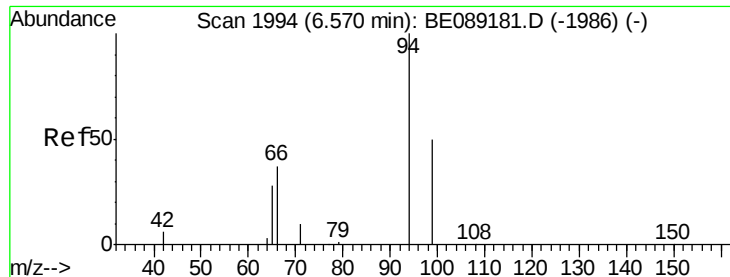


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 1.19 ng

RT: 6.57 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

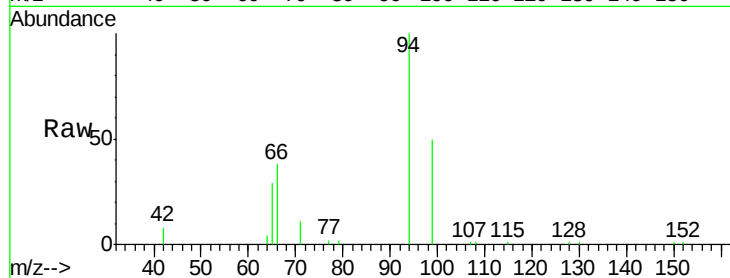
Tgt Ion: 94 Resp: 12262

Ion Ratio Lower Upper

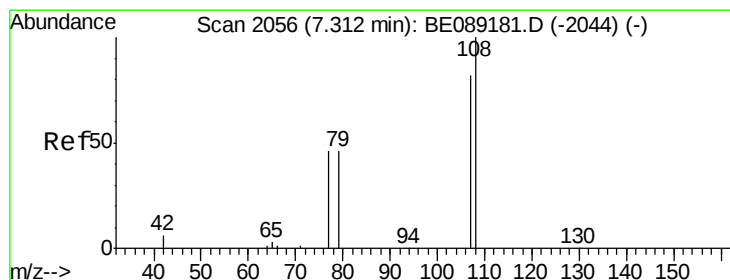
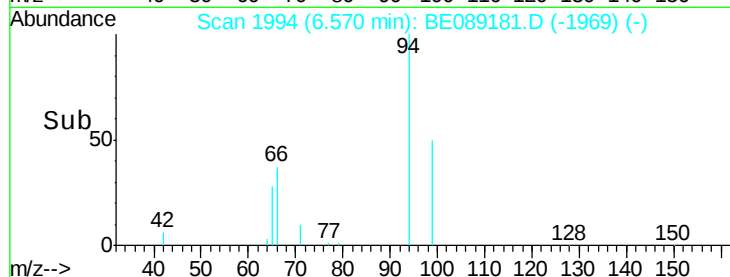
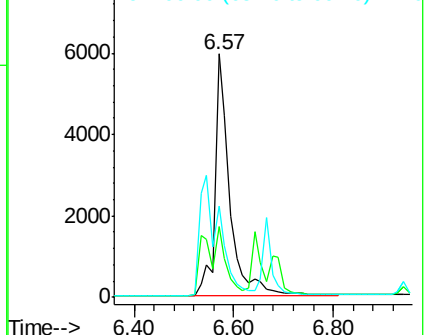
94 100

65 29.0 9.0 49.0

66 37.7 17.7 57.7



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: 0.51 ng

RT: 7.31 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Tgt Ion: 107 Resp: 9991

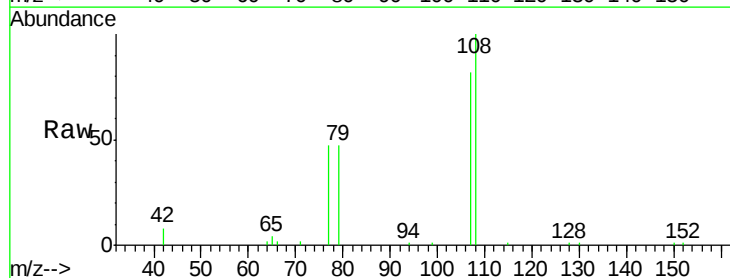
Ion Ratio Lower Upper

107 100

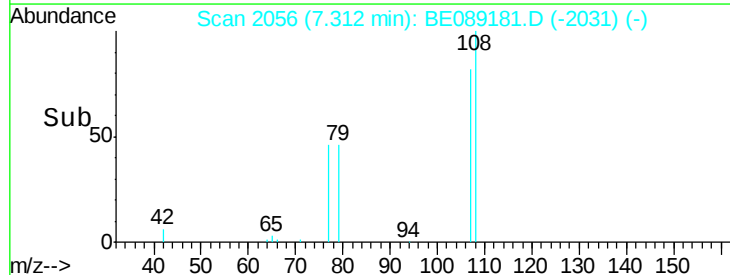
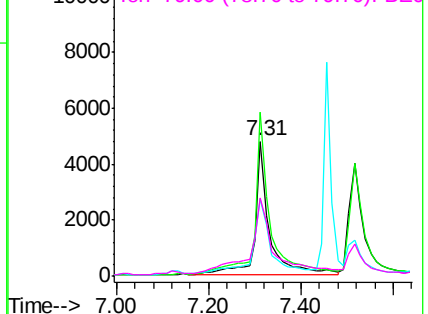
108 122.0 97.6 146.4

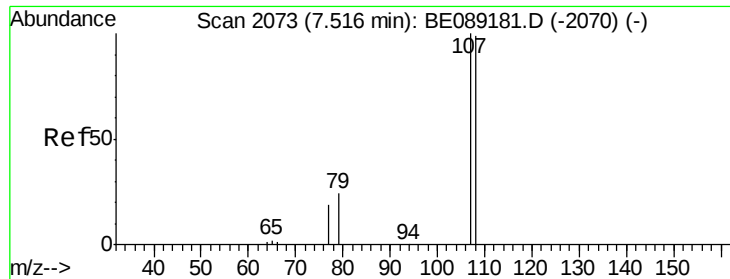
77 57.2 45.8 68.6

79 57.6 46.1 69.1



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: 0.34 ng

RT: 7.52 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

Tgt Ion:107 Resp: 8249

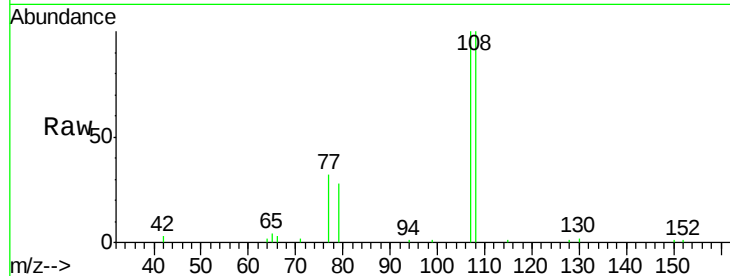
Ion Ratio Lower Upper

107 100

108 100.4 80.4 120.4

77 32.4 12.4 52.4

79 28.3 8.3 48.3

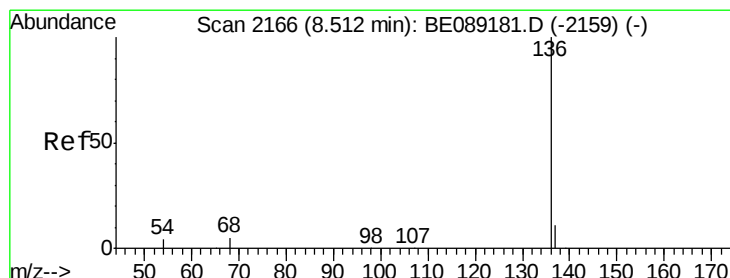
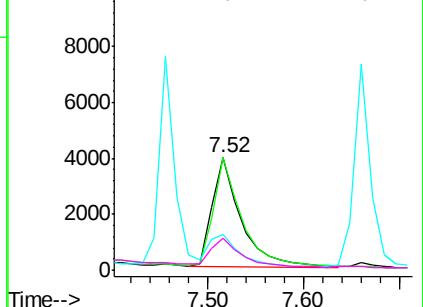
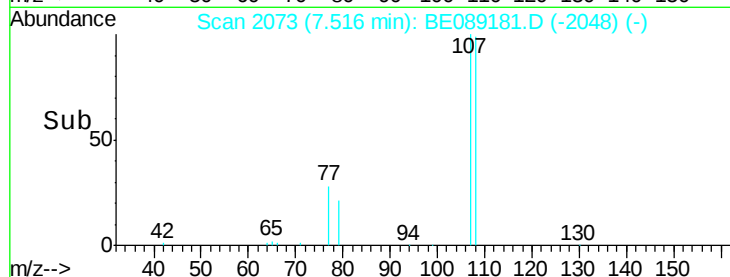


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.51 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Tgt Ion:136 Resp: 110080

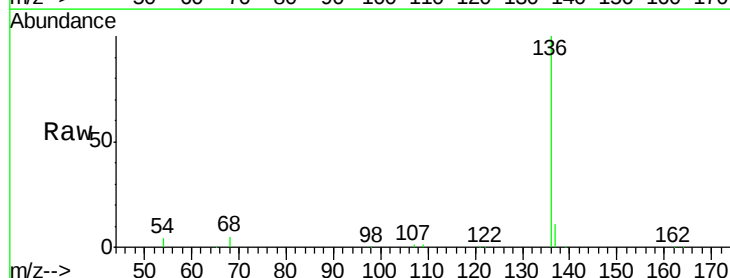
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.3 3.4 5.2

68 4.7 3.8 5.6

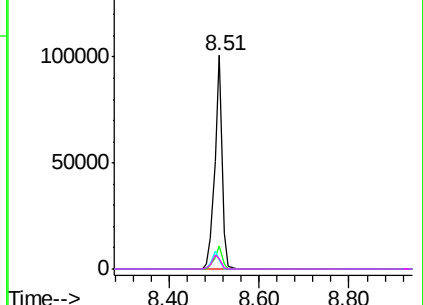
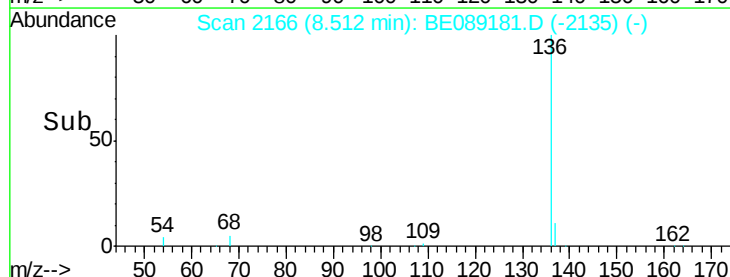


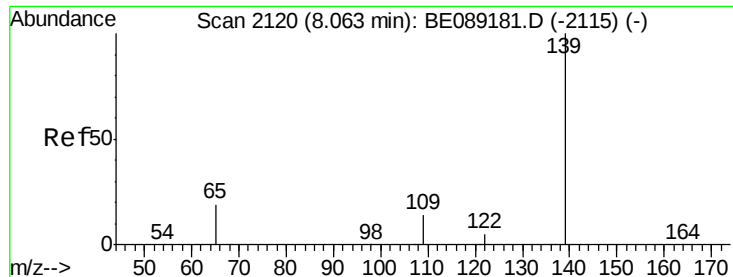
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.50 ng

RT: 8.06 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

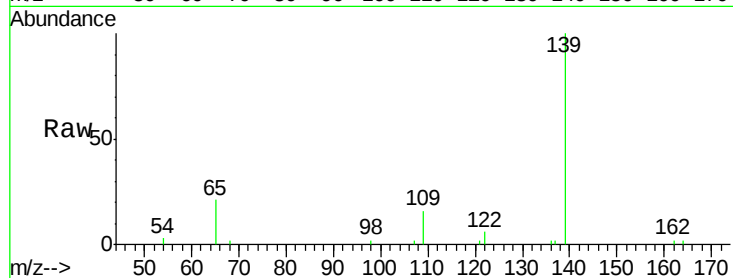
Tgt Ion:139 Resp: 4067

Ion Ratio Lower Upper

139 100

109 16.2 13.0 19.4

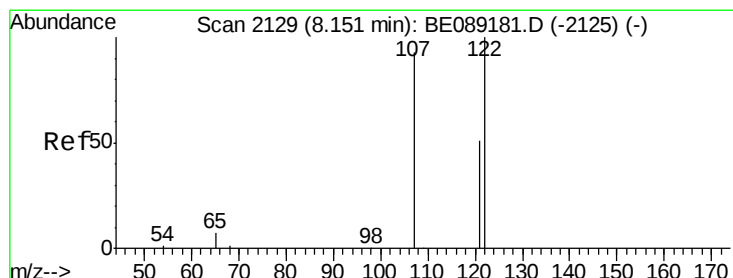
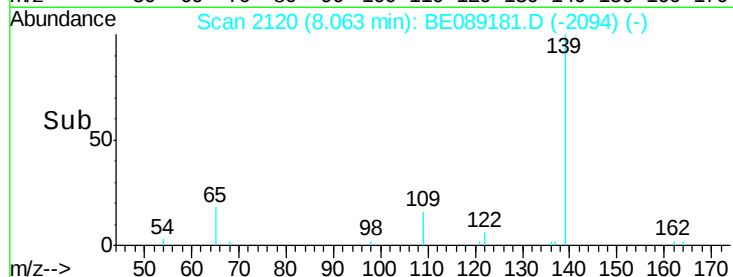
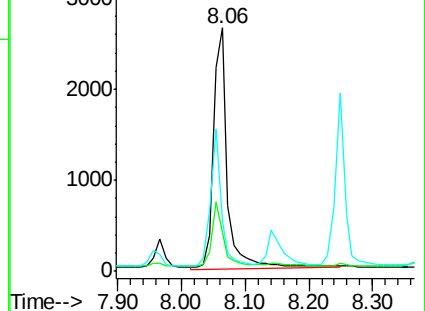
65 20.5 16.4 24.6



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: 1.19 ng

RT: 8.15 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

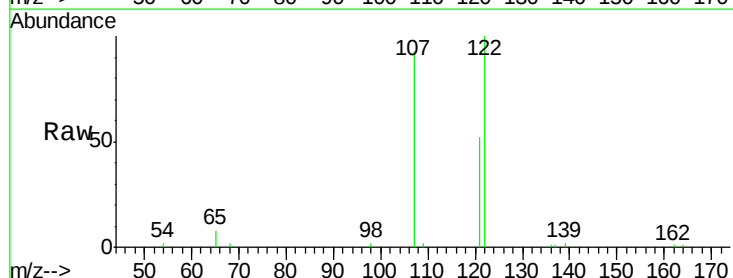
Tgt Ion:122 Resp: 7083

Ion Ratio Lower Upper

122 100

107 92.9 74.3 111.5

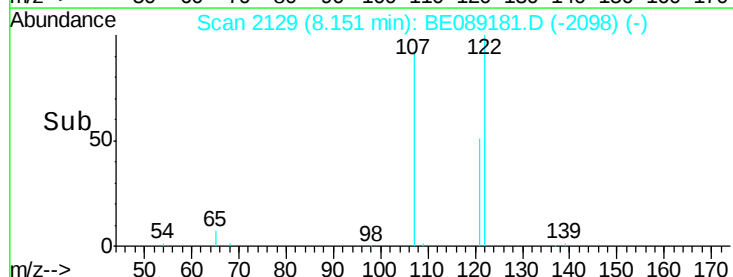
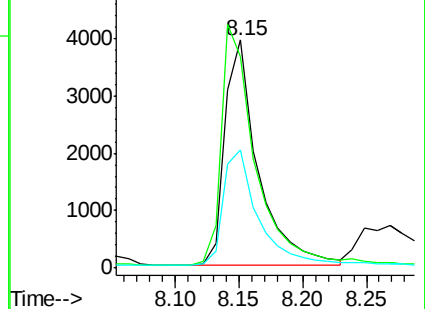
121 51.9 41.5 62.3

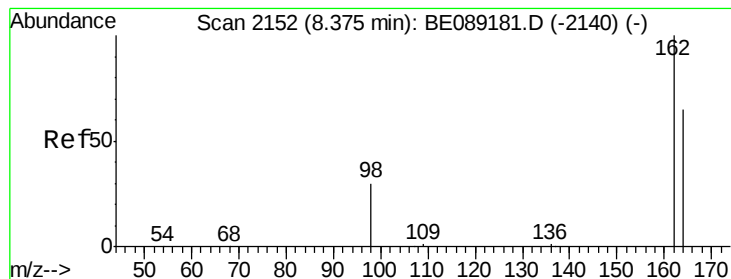


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#11

2,4-Dichlorophenol

Concen: 1.18 ng

RT: 8.38 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

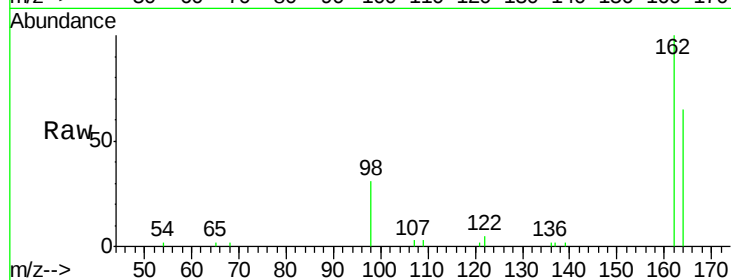
Tgt Ion:162 Resp: 6095

Ion Ratio Lower Upper

162 100

164 65.3 45.3 85.3

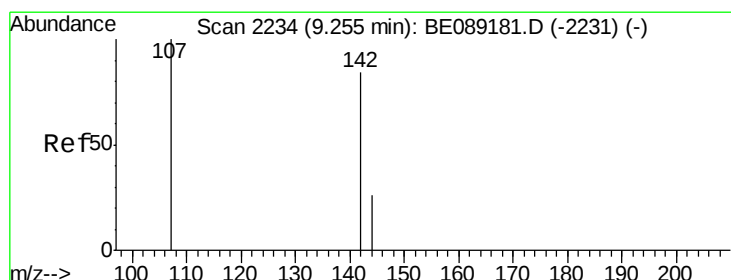
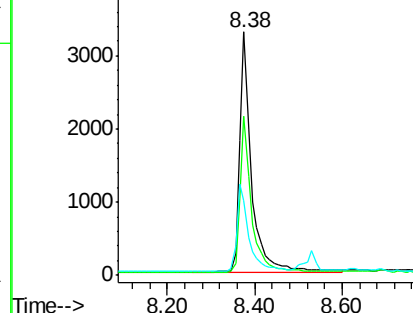
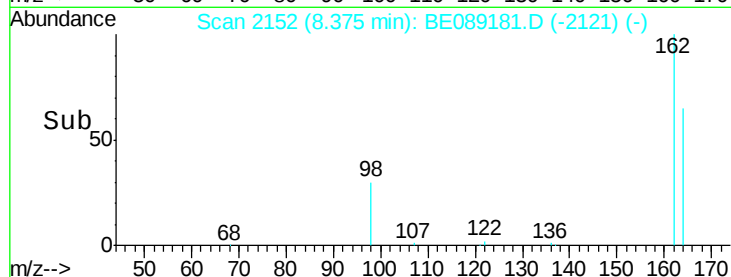
98 30.9 10.9 50.9



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): BE



#12

4-Chloro-3-methylphenol

Concen: 1.16 ng

RT: 9.26 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

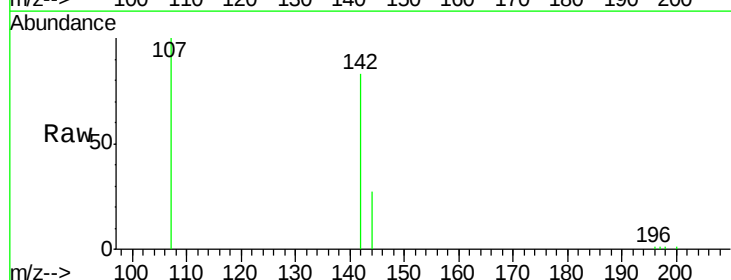
Tgt Ion:107 Resp: 6378

Ion Ratio Lower Upper

107 100

144 26.6 21.3 31.9

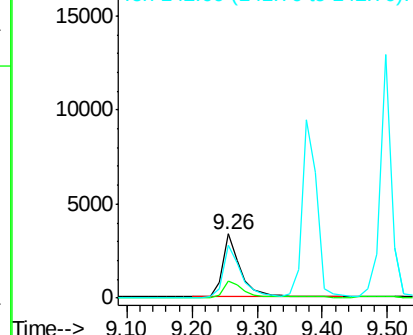
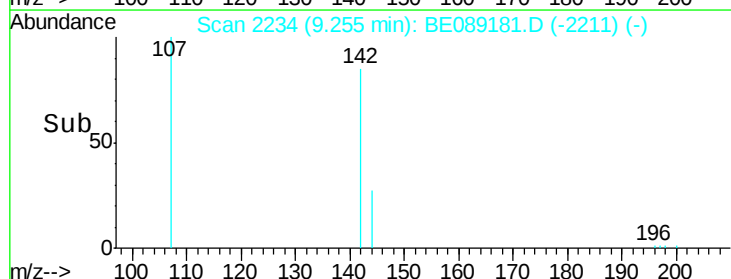
142 83.4 66.7 100.1

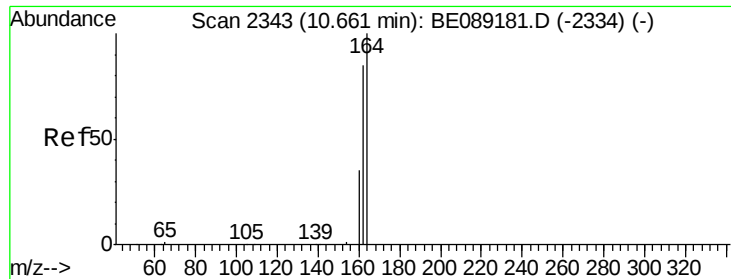


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.66 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Instrument :

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LabSampleId :

SSTDICCC001

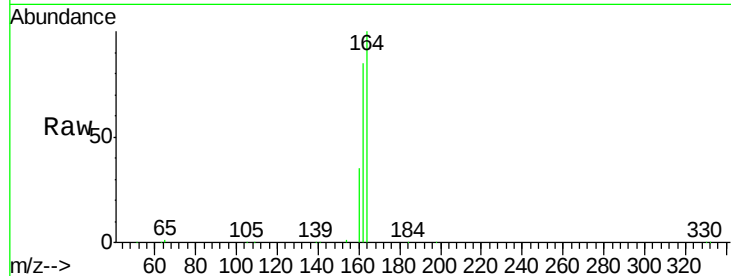
Tgt Ion:164 Resp: 53194

Ion Ratio Lower Upper

164 100

162 85.0 68.0 102.0

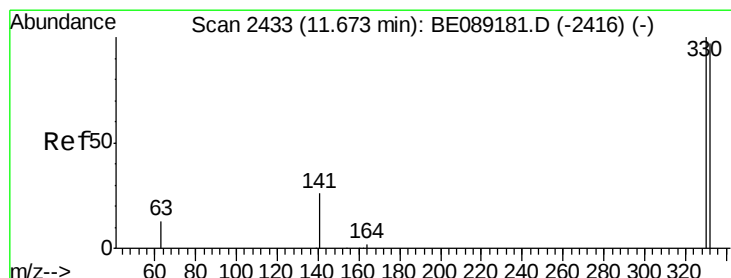
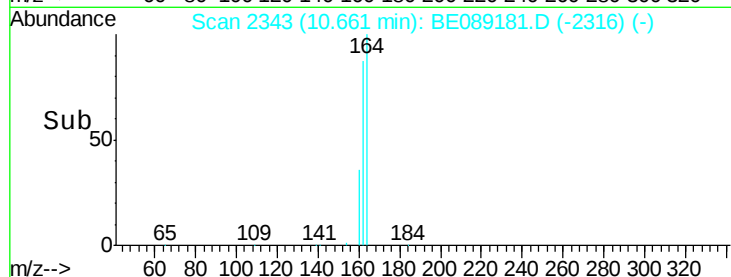
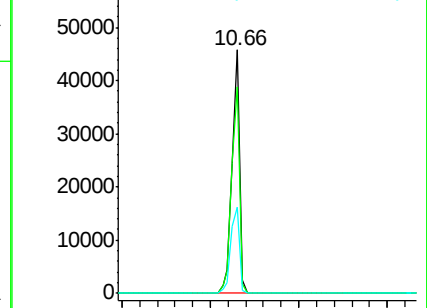
160 35.2 28.2 42.2



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: 0.94 ng

RT: 11.67 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

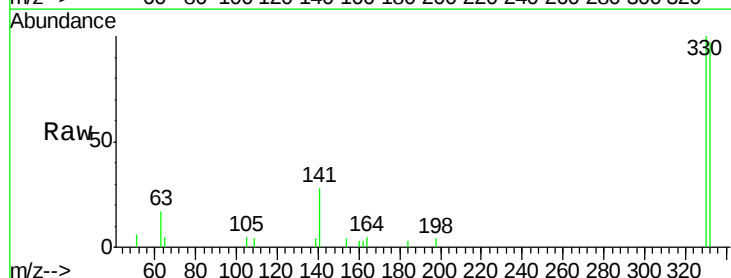
Tgt Ion:330 Resp: 1847

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

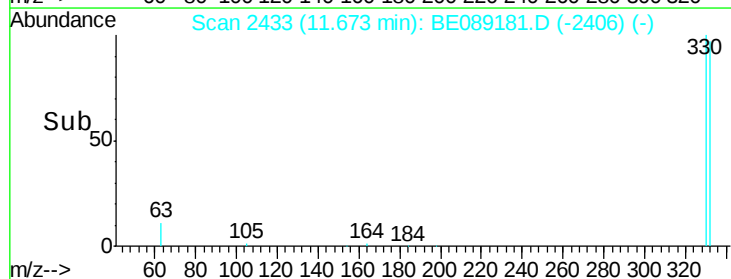
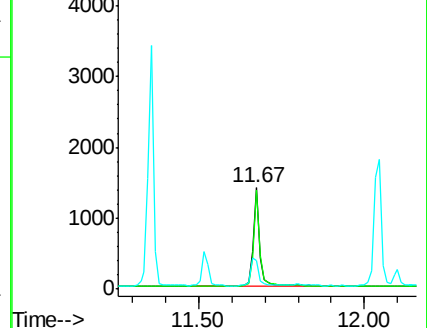
141 35.4 28.4 42.6

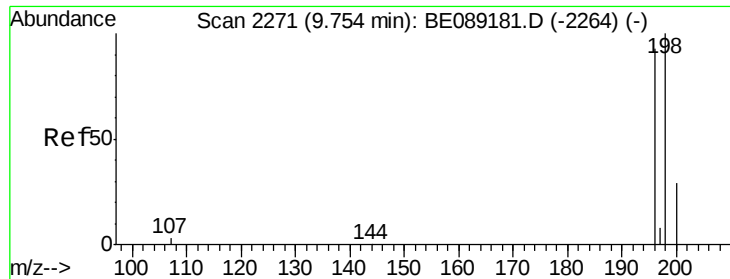


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

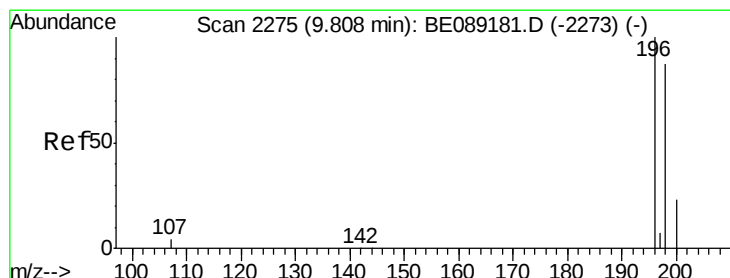
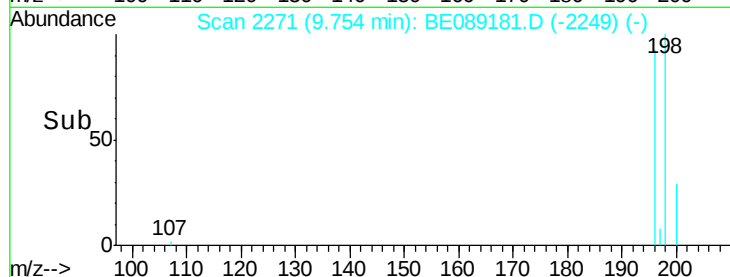
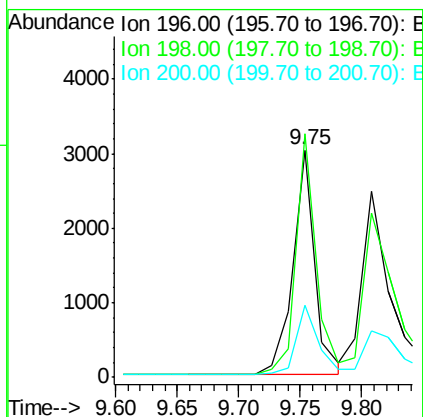
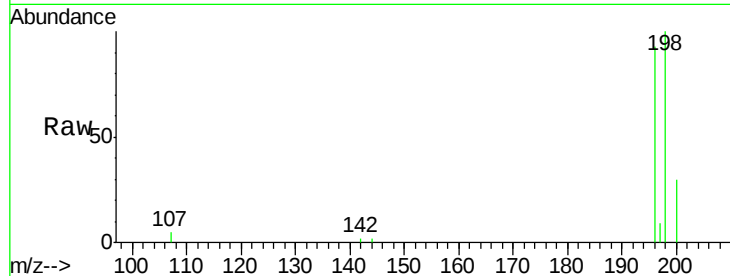




#15
 2,4,6-Trichlorophenol
 Concen: 1.07 ng
 RT: 9.75 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BE089181.D
 Acq: 8 Dec 2014 23:59

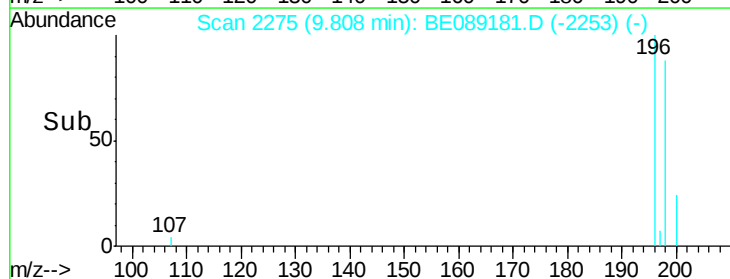
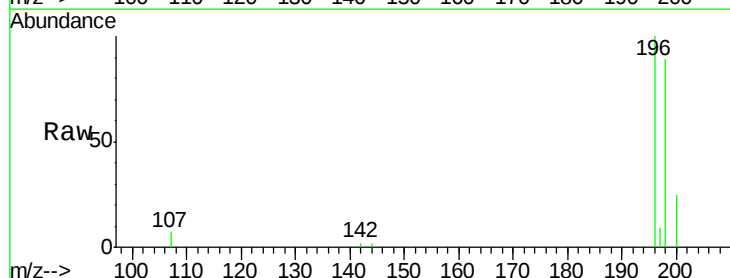
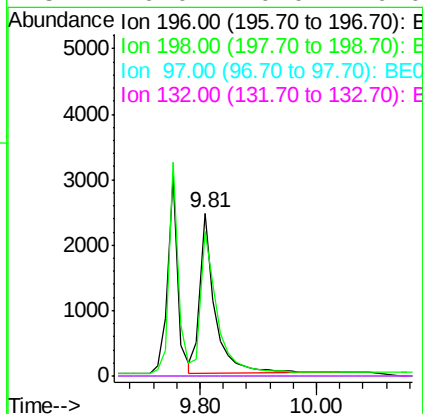
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC001

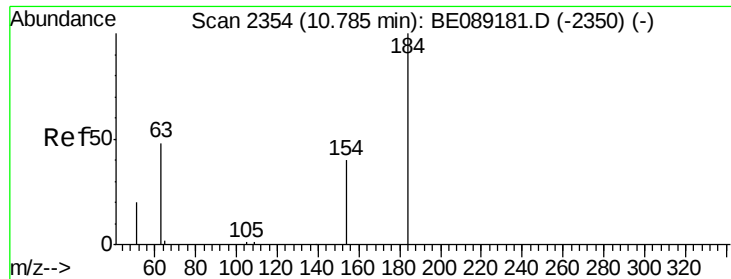
Tgt Ion:196 Resp: 3665
 Ion Ratio Lower Upper
 196 100
 198 107.0 85.6 128.4
 200 31.8 25.4 38.2



#16
 2,4,5-Trichlorophenol
 Concen: 1.21 ng
 RT: 9.81 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BE089181.D
 Acq: 8 Dec 2014 23:59

Tgt Ion:196 Resp: 4259
 Ion Ratio Lower Upper
 196 100
 198 88.5 70.8 106.2
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0

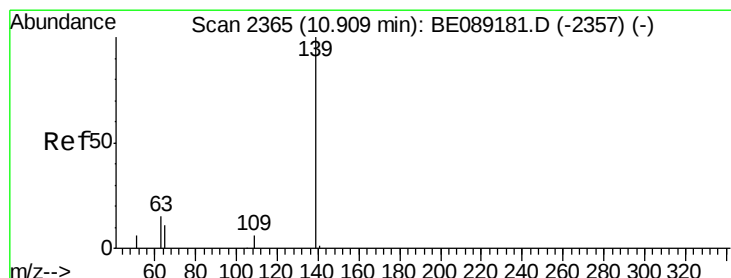
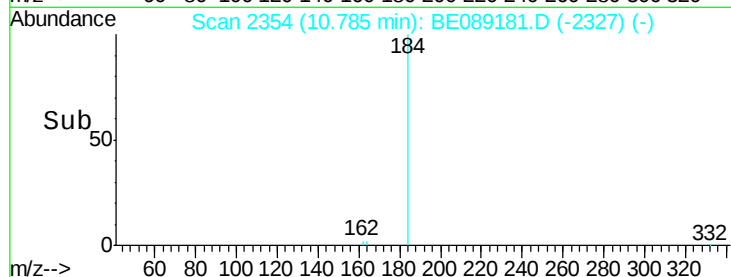
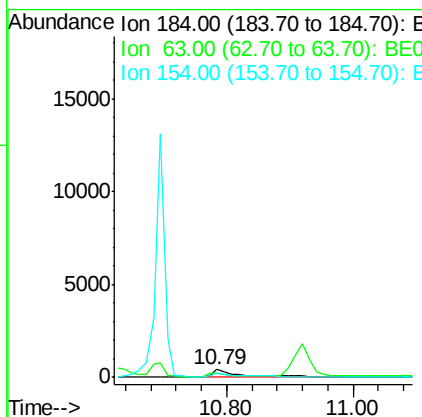
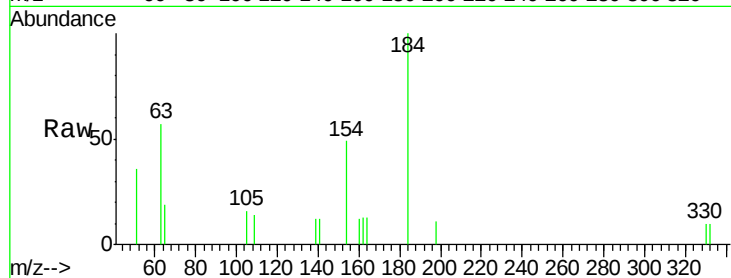




#17
2,4-Dinitrophenol
Concen: 2.17 ng
RT: 10.79 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BE089181.D
Acq: 8 Dec 2014 23:59

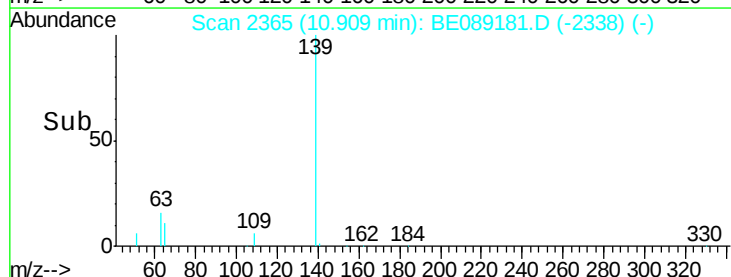
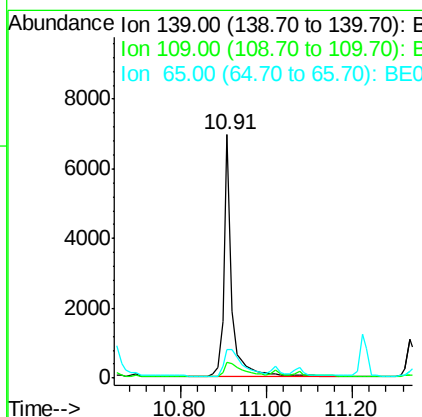
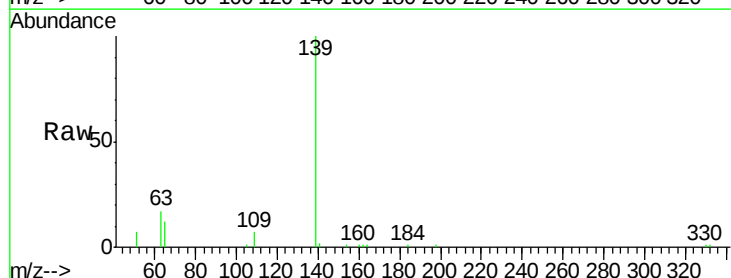
Instrument :
BNA_E
LabSampleId :
SSTDICCC001

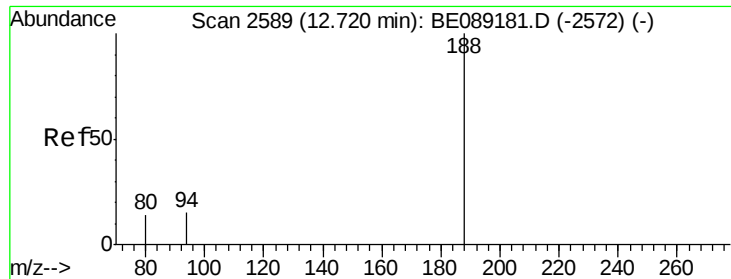
Tgt Ion:184 Resp: 817
Ion Ratio Lower Upper
184 100
63 56.5 45.2 67.8
154 49.4 39.5 59.3



#18
4-Nitrophenol
Concen: 3.34 ng
RT: 10.91 min Scan# 2365
Delta R.T. 0.00 min
Lab File: BE089181.D
Acq: 8 Dec 2014 23:59

Tgt Ion:139 Resp: 8824
Ion Ratio Lower Upper
139 100
109 6.6 0.0 26.6
65 11.7 0.0 31.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.72 min Scan# 2589

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

Instrument :

BNA_E

LabSampleId :

SSTDICCC001

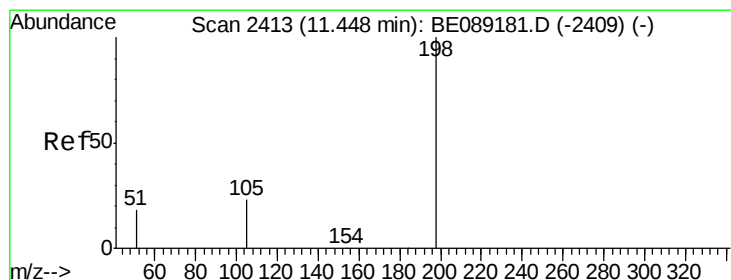
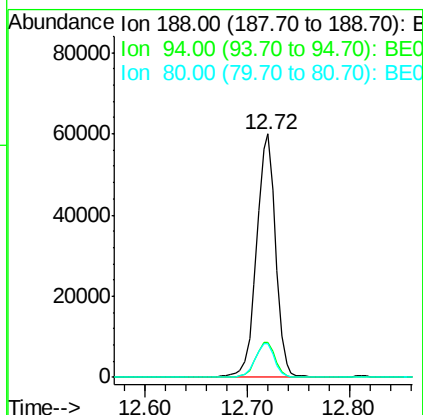
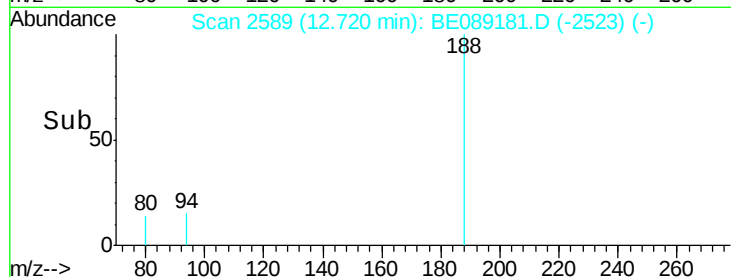
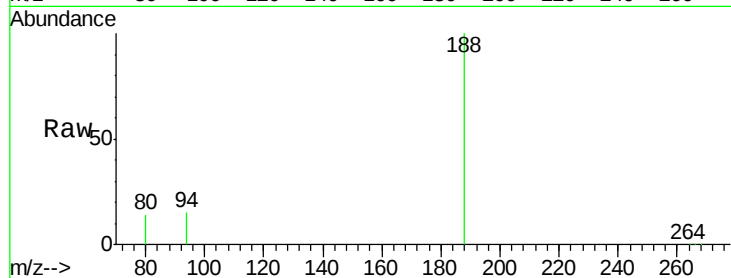
Tgt Ion:188 Resp: 78741

Ion Ratio Lower Upper

188 100

94 14.6 11.7 17.5

80 13.7 11.0 16.4



#20

4,6-Dinitro-2-methylphenol

Concen: 1.81 ng

RT: 11.45 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BE089181.D

Acq: 8 Dec 2014 23:59

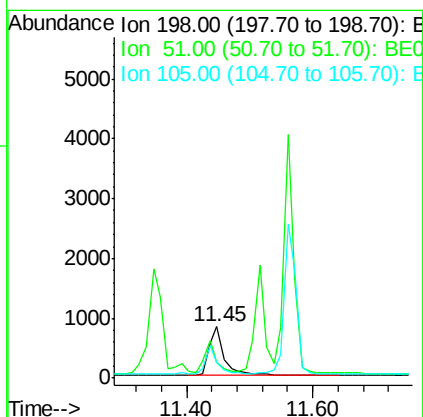
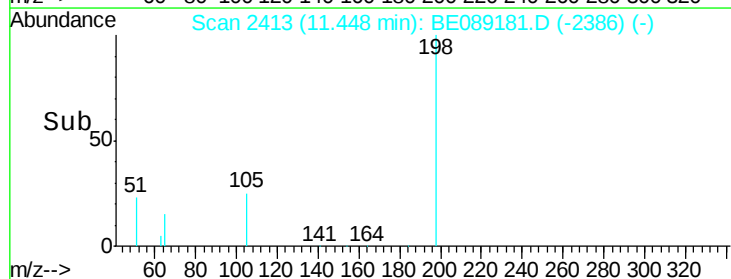
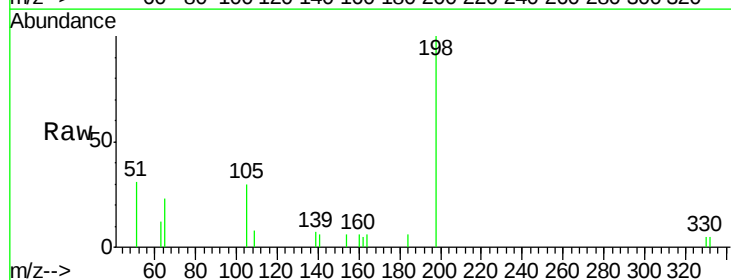
Tgt Ion:198 Resp: 1323

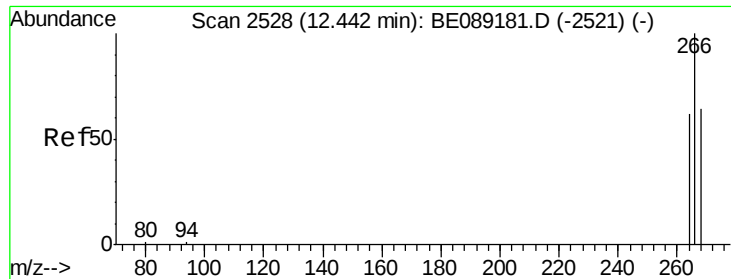
Ion Ratio Lower Upper

198 100

51 30.8 10.8 50.8

105 30.4 10.4 50.4

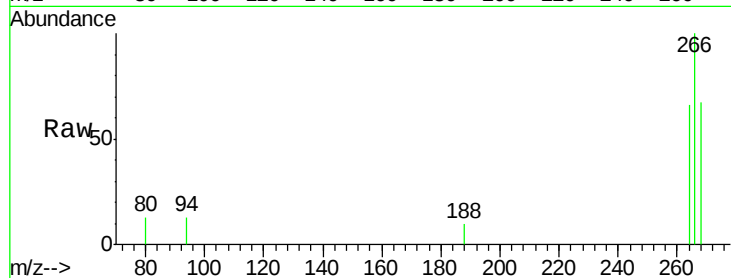




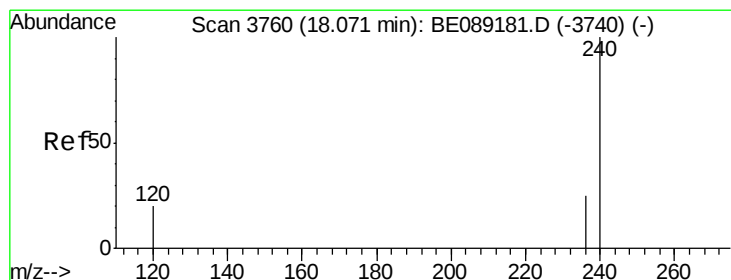
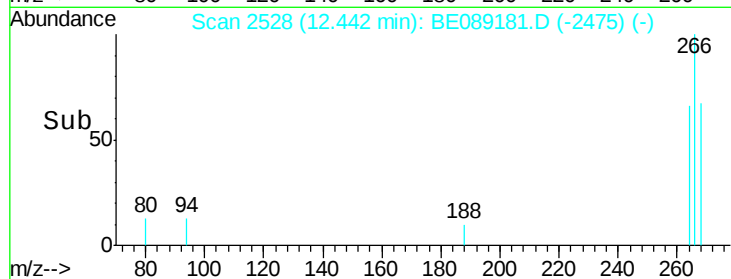
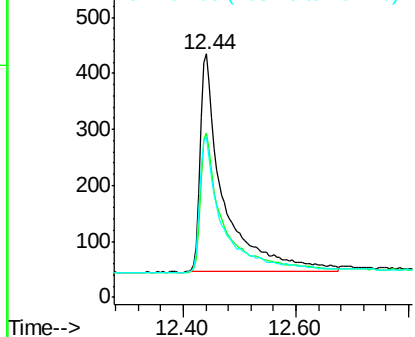
#21
 Pentachlorophenol
 Concen: 0.89 ng
 RT: 12.44 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BE089181.D
 Acq: 8 Dec 2014 23:59

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC001

Tgt Ion: 266 Resp: 1119
 Ion Ratio Lower Upper
 266 100
 268 67.4 53.9 80.9
 264 65.7 52.6 78.8

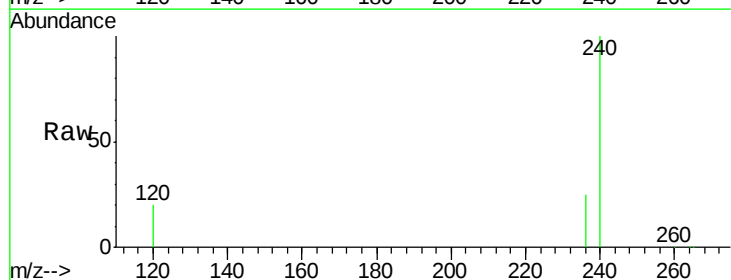


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

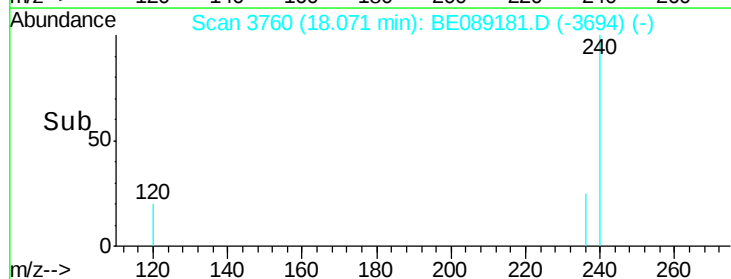
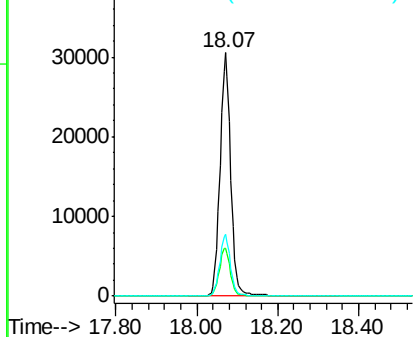


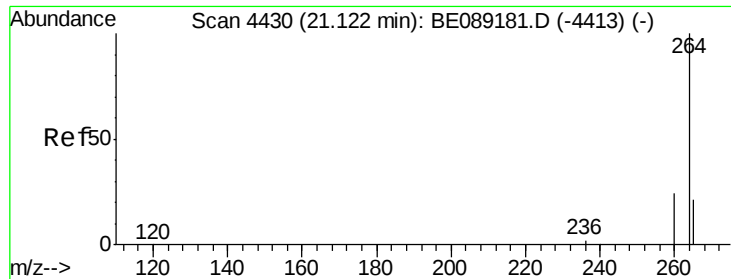
#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.07 min Scan# 3760
 Delta R.T. 0.00 min
 Lab File: BE089181.D
 Acq: 8 Dec 2014 23:59

Tgt Ion: 240 Resp: 56035
 Ion Ratio Lower Upper
 240 100
 120 19.8 15.8 23.8
 236 25.3 20.2 30.4



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: 21.12 min Scan# 4430

Delta R.T. 0.00 min

Lab File: BE089181.D

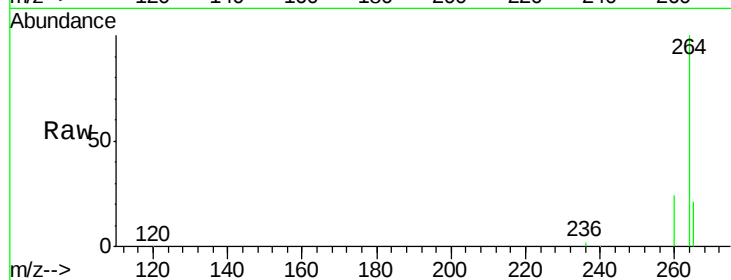
Acq: 8 Dec 2014 23:59

Instrument :

BNA_E

LabSampleId :

SSTDICCC001



Tgt Ion: 264 Resp: 51034

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.5 17.2 25.8

