

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
 Data File : BE089183.D
 Acq On : 9 Dec 2014 1:08
 Operator : TP/JJ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

Quant Time: Dec 09 03:49:47 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

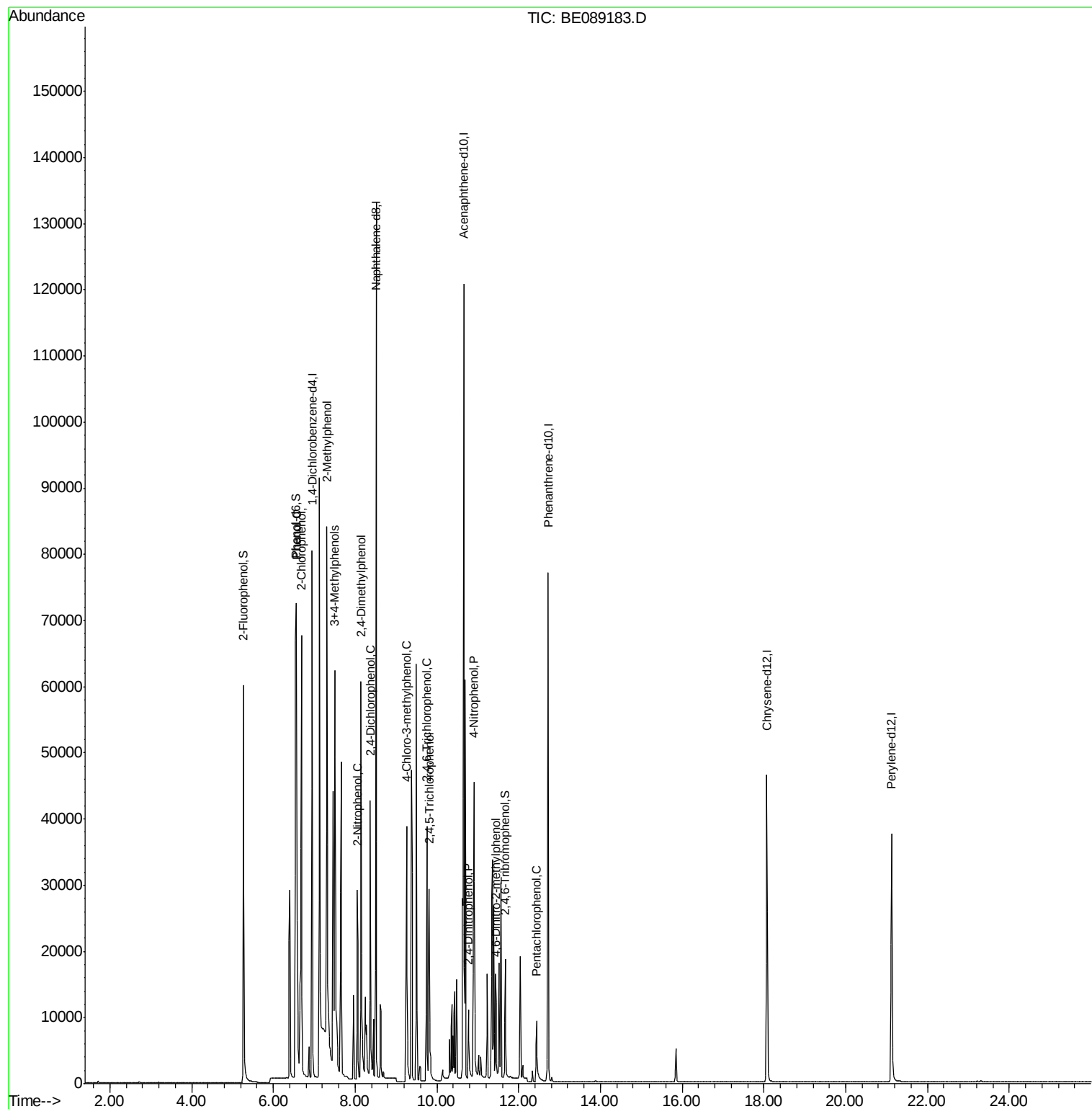
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	28945	5.00	ng	0.00
8) Naphthalene-d8	8.51	136	110675	5.00	ng	0.00
13) Acenaphthene-d10	10.66	164	52549	5.00	ng	0.00
19) Phenanthrene-d10	12.72	188	77871	5.00	ng	0.00
22) Chrysene-d12	18.07	240	55778	5.00	ng	0.00
23) Perylene-d12	21.12	264	52563	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.27	112	41744	5.53	ng	0.00
3) Phenol-d6	6.56	99	49745	5.21	ng	0.00
14) 2,4,6-Tribromophenol	11.67	330	9042	3.96	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.69	128	41454	5.84	ng	90
5) Phenol	6.57	94	57640	5.51	ng	85
6) 2-Methylphenol	7.31	107	35296	1.78	ng	94
7) 3+4-Methylphenols	7.50	107	42130	1.74	ng	91
9) 2-Nitrophenol	8.06	139	20692	6.72	ng	# 86
10) 2,4-Dimethylphenol	8.15	122	35730	5.97	ng	93
11) 2,4-Dichlorophenol	8.36	162	29857	5.46	ng	89
12) 4-Chloro-3-methylphenol	9.26	107	31790	5.86	ng	90
15) 2,4,6-Trichlorophenol	9.75	196	18521	5.09	ng	89
16) 2,4,5-Trichlorophenol	9.81	196	20385	5.66	ng	# 58
17) 2,4-Dinitrophenol	10.77	184	7014	8.83	ng	# 75
18) 4-Nitrophenol	10.91	139	42810	16.55	ng	99
20) 4,6-Dinitro-2-methylphenol	11.45	198	9879	8.14	ng	76
21) Pentachlorophenol	12.44	266	8165	4.18	ng	96

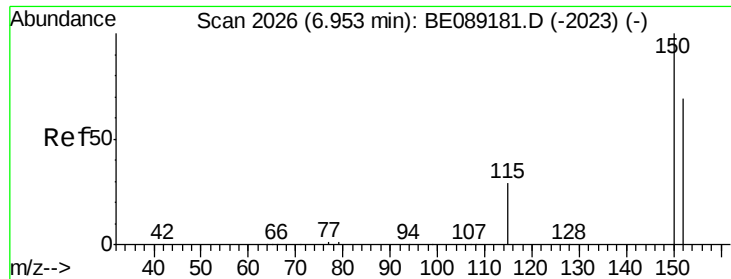
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089183.D

Acq: 9 Dec 2014 1:08

Instrument :

BNA_E

LabSampleId :

SSTDIC005

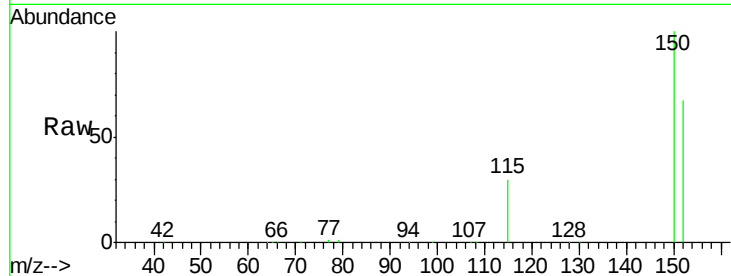
Tgt Ion:152 Resp: 28945

Ion Ratio Lower Upper

152 100

150 148.7 115.4 173.2

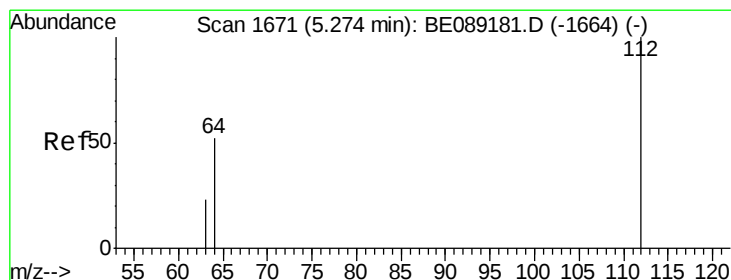
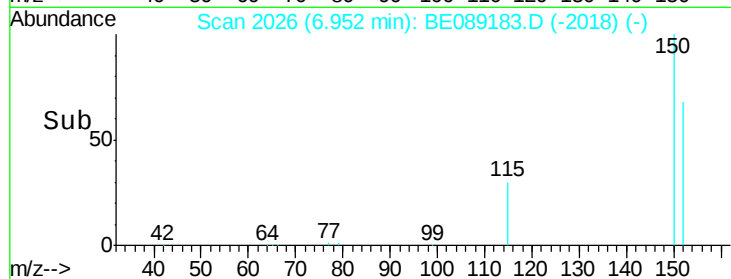
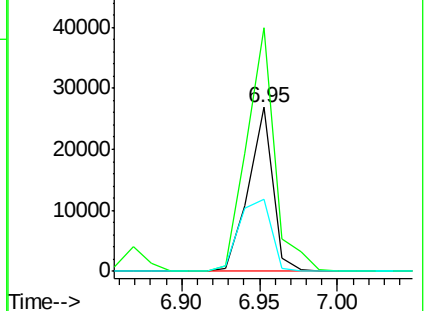
115 43.9 33.3 49.9



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: 5.53 ng

RT: 5.27 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

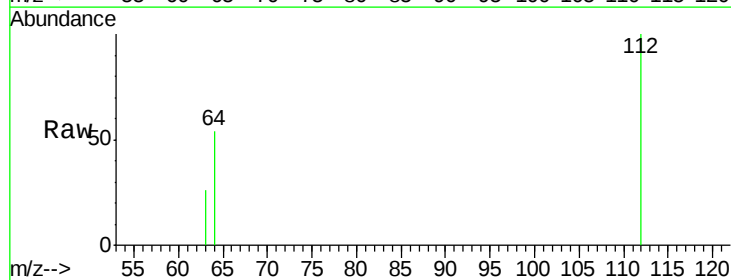
Tgt Ion:112 Resp: 41744

Ion Ratio Lower Upper

112 100

64 54.2 42.3 63.5

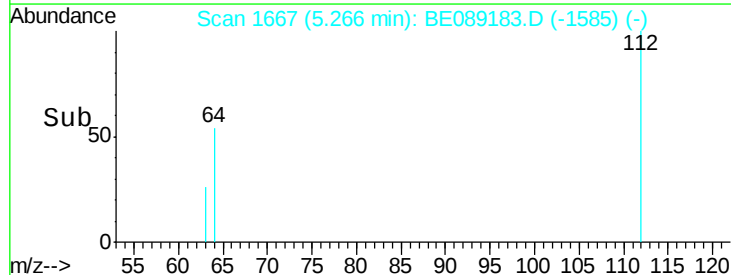
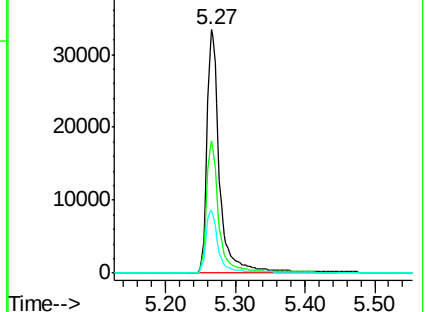
63 25.9 20.0 30.0

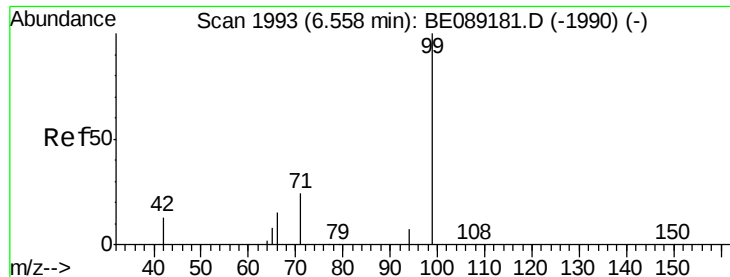


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 5.21 ng

RT: 6.56 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

Instrument :

BNA_E

LabSampleId :

SSTDIC005

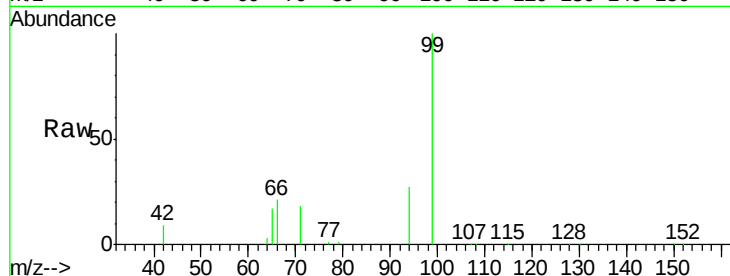
Tgt Ion: 99 Resp: 49745

Ion Ratio Lower Upper

99 100

42 8.7 11.2 16.8#

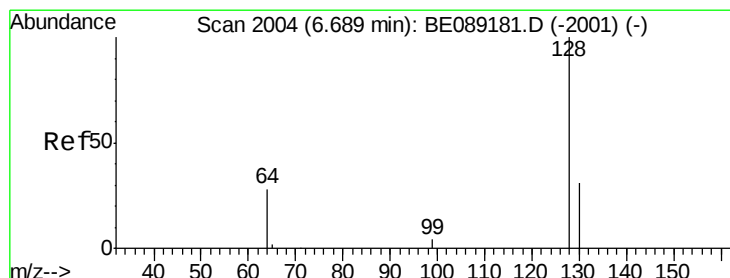
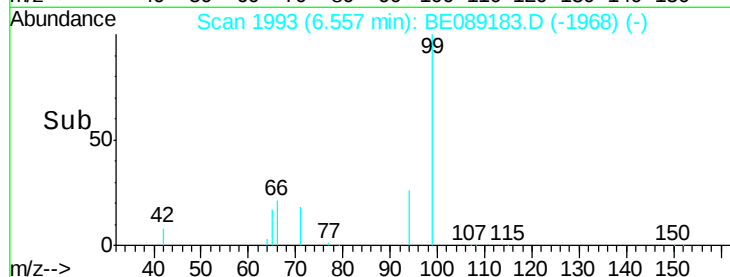
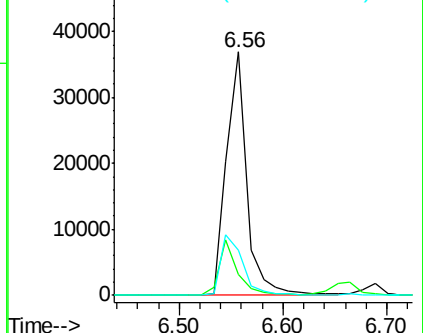
71 18.3 19.3 28.9#



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: 5.84 ng

RT: 6.69 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

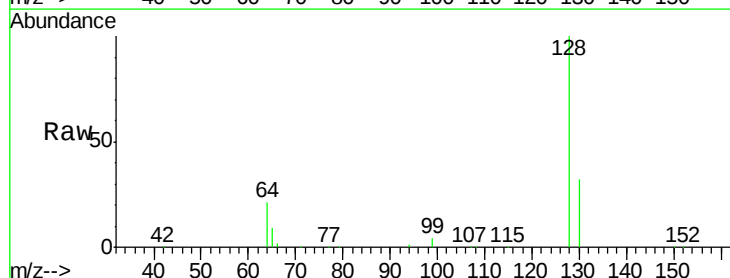
Tgt Ion: 128 Resp: 41454

Ion Ratio Lower Upper

128 100

130 31.9 11.2 51.2

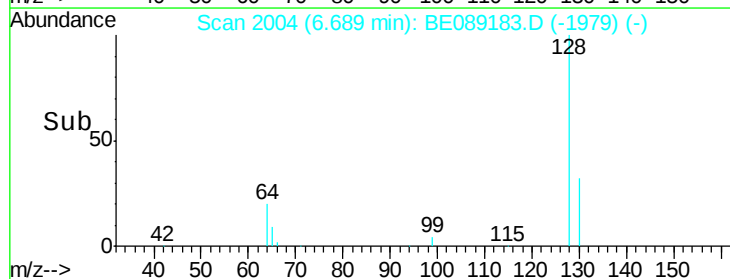
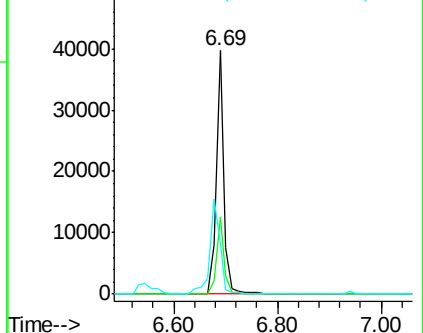
64 20.6 10.6 50.6

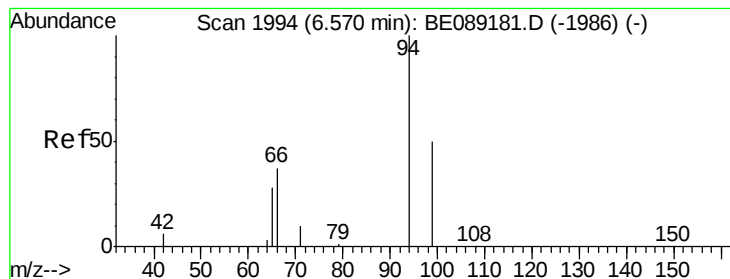


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 5.51 ng

RT: 6.57 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

Instrument :

BNA_E

LabSampleId :

SSTDIC005

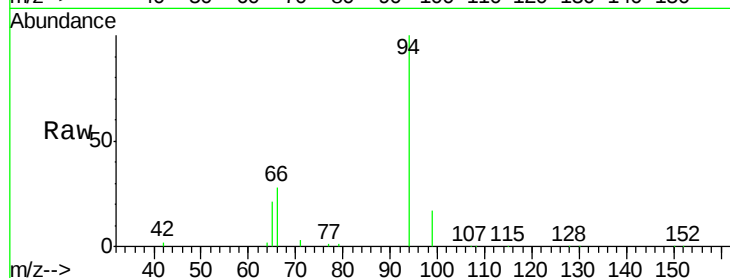
Tgt Ion: 94 Resp: 57640

Ion Ratio Lower Upper

94 100

65 21.3 9.0 49.0

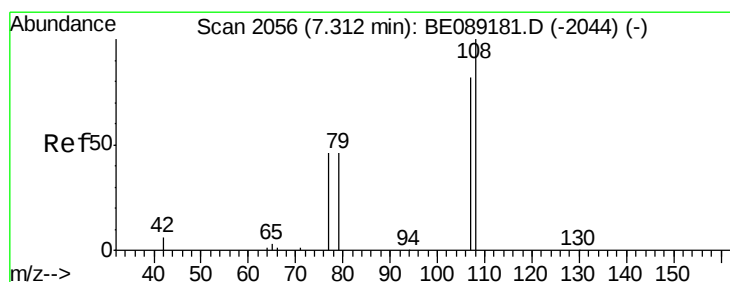
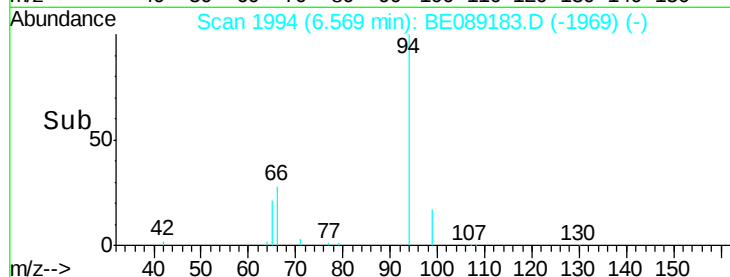
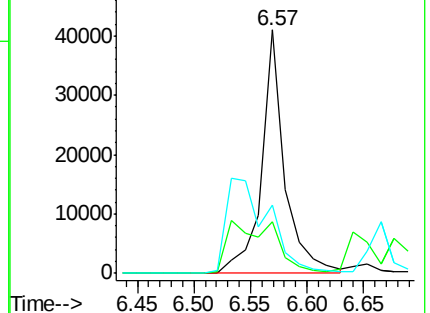
66 28.1 17.7 57.7



Abundance Ion 94.00 (93.70 to 94.70): BE089181.D (-1986) (-)

Ion 65.00 (64.70 to 65.70): BE089181.D (-1986) (-)

Ion 66.00 (65.70 to 66.70): BE089181.D (-1986) (-)



#6

2-Methylphenol

Concen: 1.78 ng

RT: 7.31 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

Tgt Ion: 107 Resp: 35296

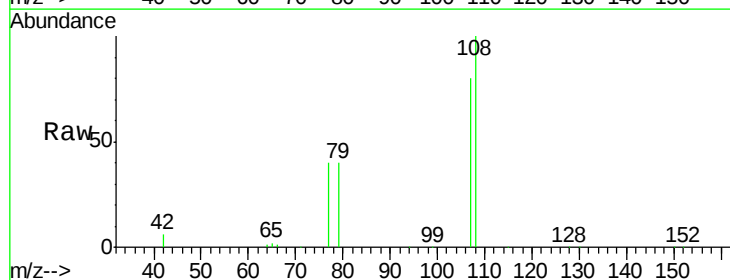
Ion Ratio Lower Upper

107 100

108 125.6 97.6 146.4

77 49.9 45.8 68.6

79 50.6 46.1 69.1

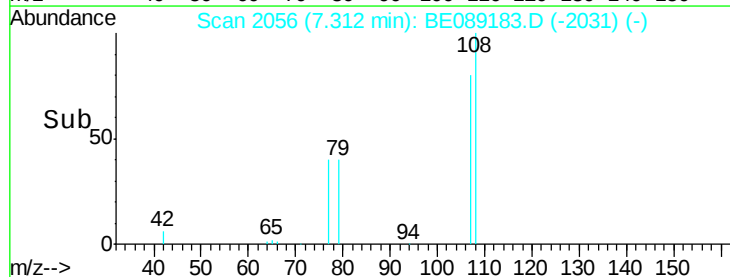
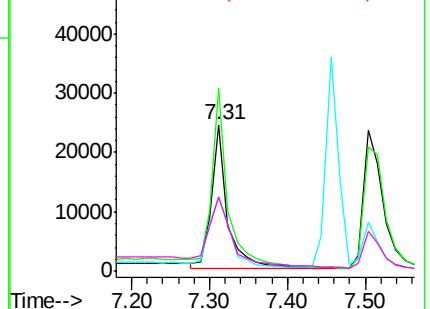


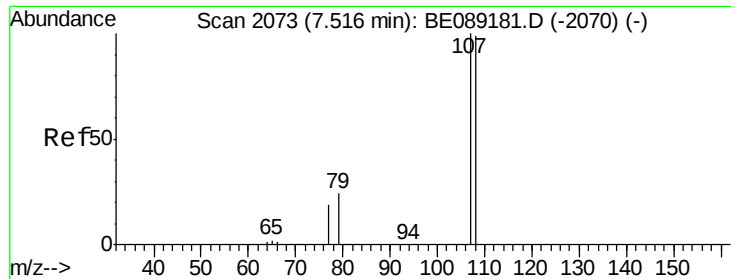
Abundance Ion 107.00 (106.70 to 107.70): BE089181.D (-2044) (-)

Ion 108.00 (107.70 to 108.70): BE089181.D (-2044) (-)

Ion 77.00 (76.70 to 77.70): BE089181.D (-2044) (-)

Ion 79.00 (78.70 to 79.70): BE089181.D (-2044) (-)





#7

3+4-Methylphenols

Concen: 1.74 ng

RT: 7.50 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

Instrument :

BNA_E

LabSampleId :

SSTDICC005

Tgt Ion:107 Resp: 42130

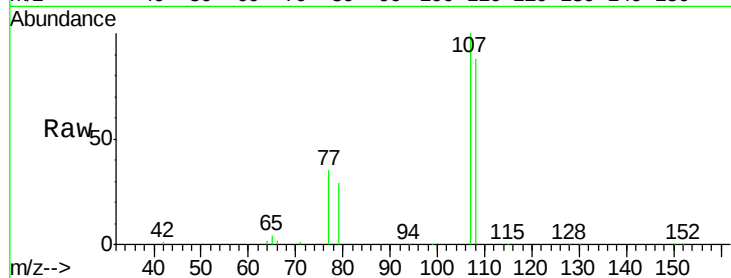
Ion Ratio Lower Upper

107 100

108 88.1 80.4 120.4

77 35.0 12.4 52.4

79 28.7 8.3 48.3

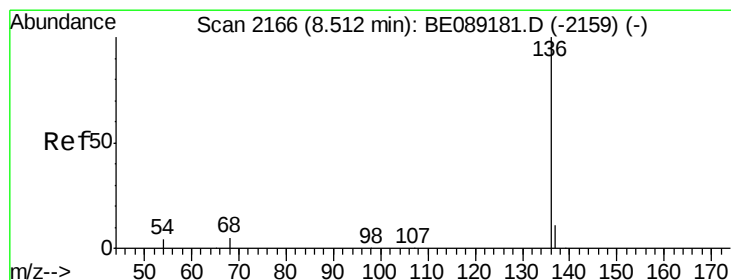
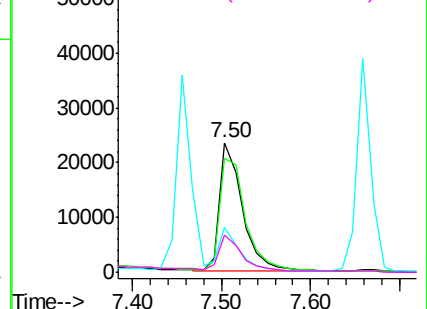
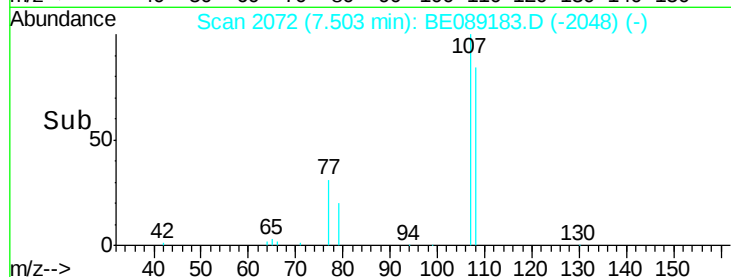


Abundance Ion 107.00 (106.70 to 107.70): E

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: BE089183.D

Acq: 9 Dec 2014 1:08

Tgt Ion:136 Resp: 110675

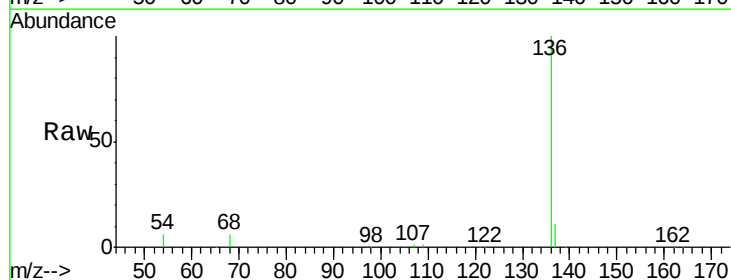
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.8 3.4 5.2#

68 5.9 3.8 5.6#

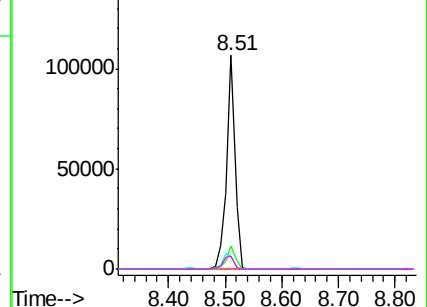
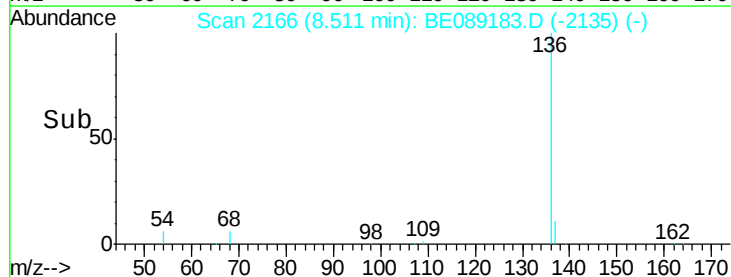


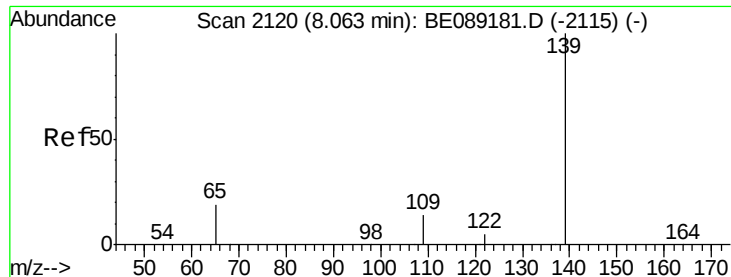
Abundance Ion 136.00 (135.70 to 136.70): E

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

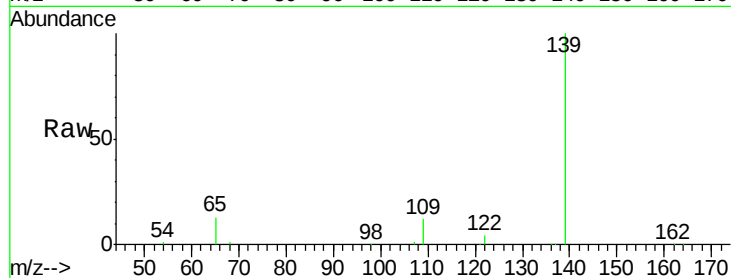




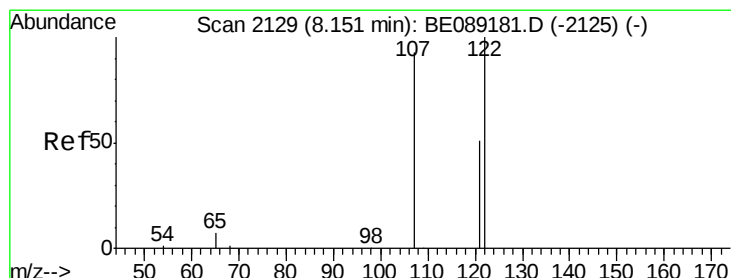
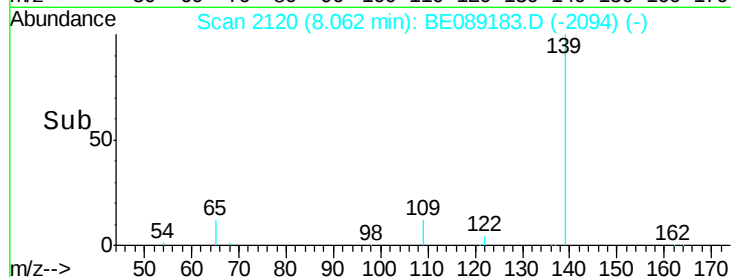
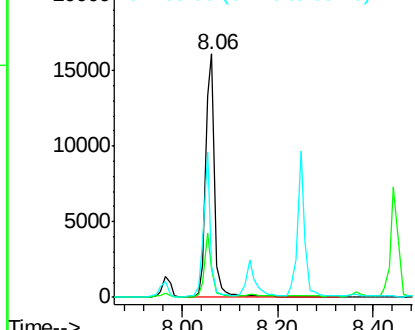
#9
2-Nitrophenol
Concen: 6.72 ng
RT: 8.06 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE089183.D
Acq: 9 Dec 2014 1:08

Instrument :
BNA_E
LabSampleId :
SSTDIC005

Tgt Ion:139 Resp: 20692
Ion Ratio Lower Upper
139 100
109 11.7 13.0 19.4#
65 12.5 16.4 24.6#

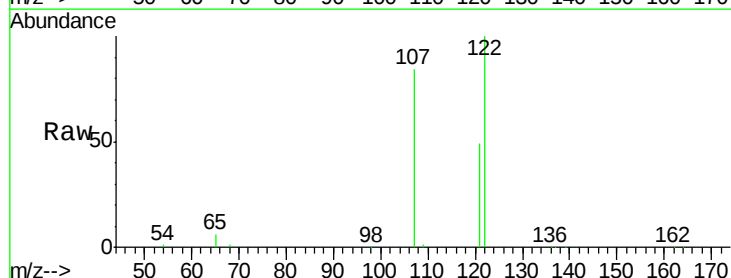


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

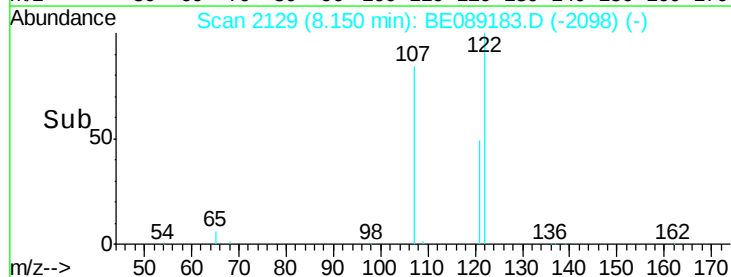
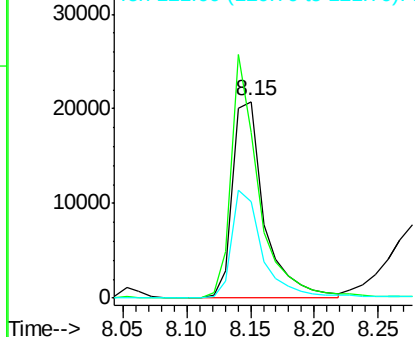


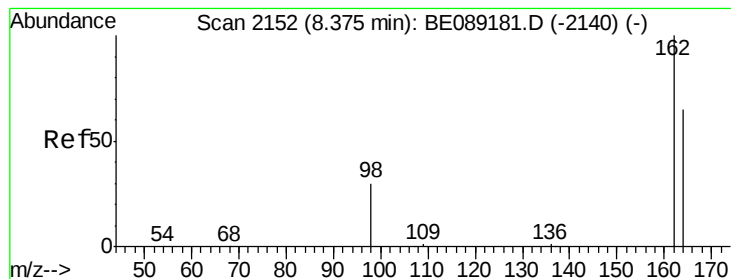
#10
2,4-Dimethylphenol
Concen: 5.97 ng
RT: 8.15 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE089183.D
Acq: 9 Dec 2014 1:08

Tgt Ion:122 Resp: 35730
Ion Ratio Lower Upper
122 100
107 84.0 74.3 111.5
121 49.0 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: 5.46 ng

RT: 8.36 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

Instrument :

BNA_E

LabSampleId :

SSTDIC005

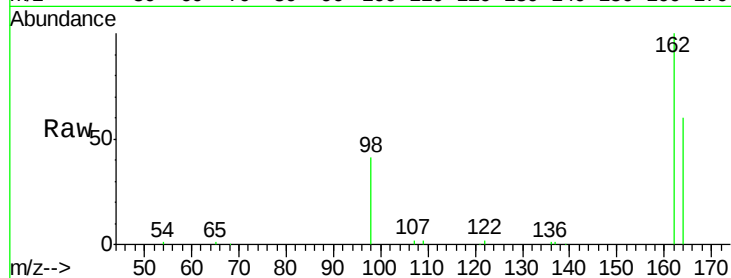
Tgt Ion:162 Resp: 29857

Ion Ratio Lower Upper

162 100

164 60.0 45.3 85.3

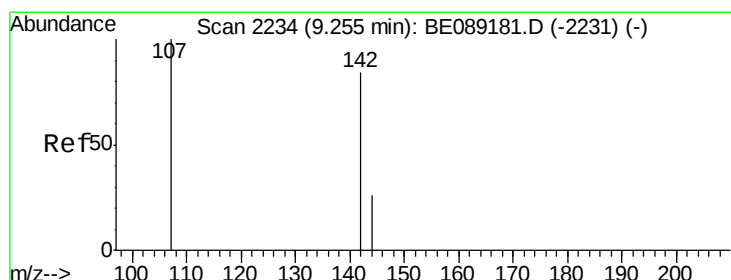
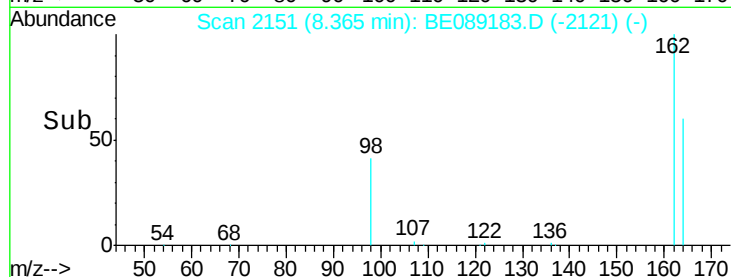
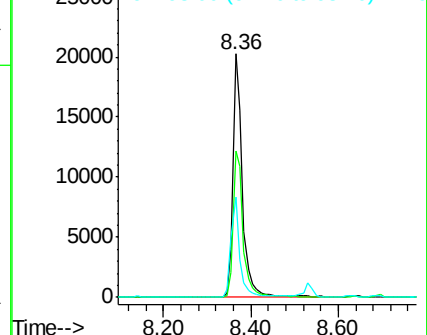
98 41.2 10.9 50.9



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): E



#12

4-Chloro-3-methylphenol

Concen: 5.86 ng

RT: 9.26 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

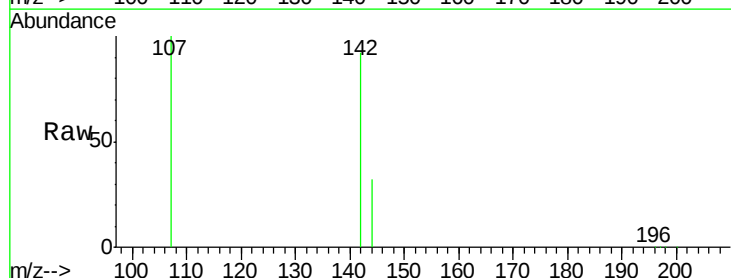
Tgt Ion:107 Resp: 31790

Ion Ratio Lower Upper

107 100

144 31.7 21.3 31.9

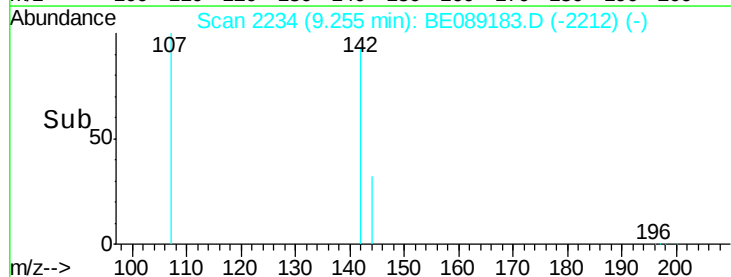
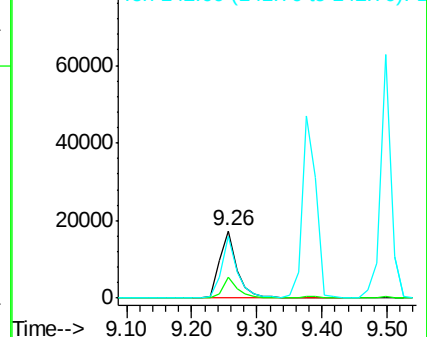
142 92.2 66.7 100.1

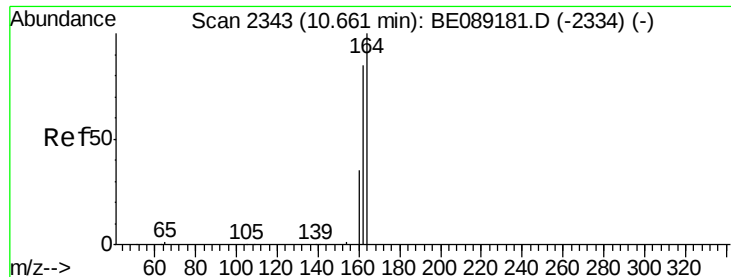


Abundance Ion 107.00 (106.70 to 107.70): E

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: BE089183.D

Acq: 9 Dec 2014 1:08

Instrument :

BNA_E

LabSampleId :

SSTDIC005

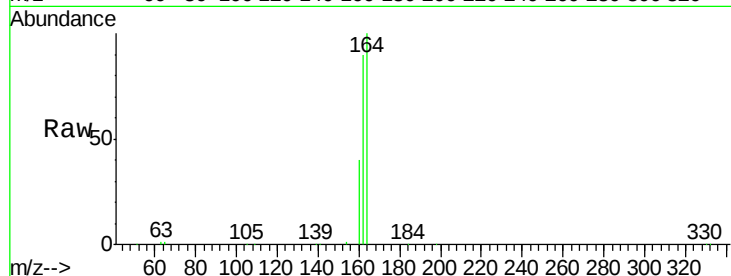
Tgt Ion:164 Resp: 52549

Ion Ratio Lower Upper

164 100

162 90.0 68.0 102.0

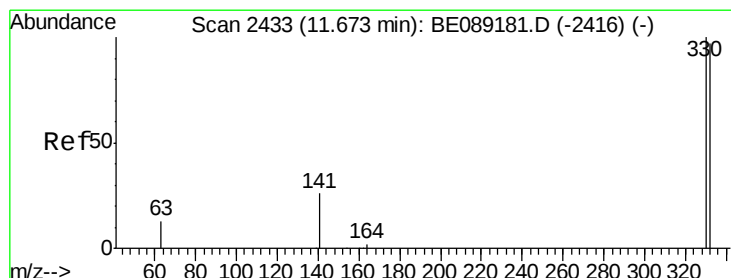
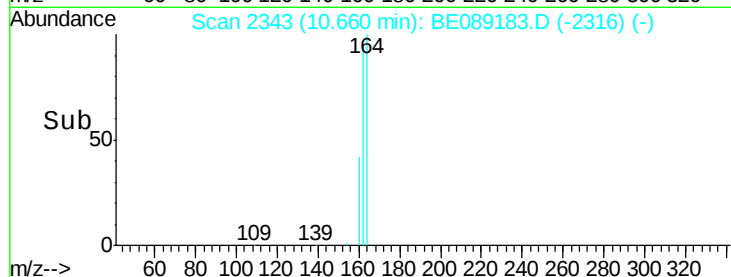
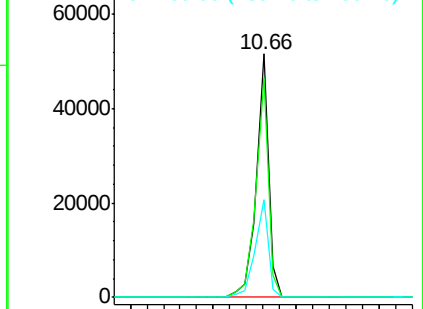
160 39.9 28.2 42.2



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: 3.96 ng

RT: 11.67 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

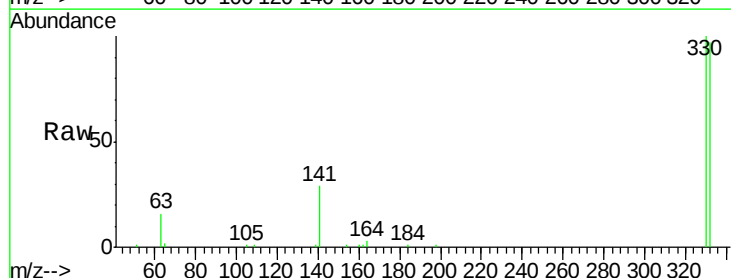
Tgt Ion:330 Resp: 9042

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

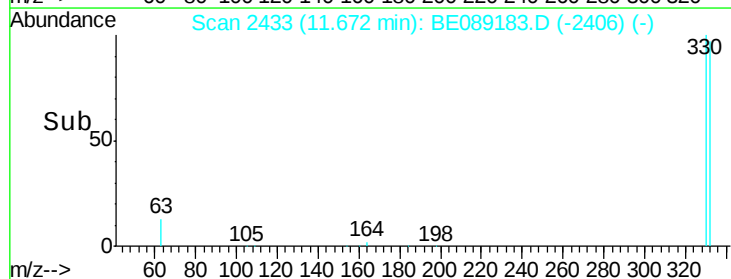
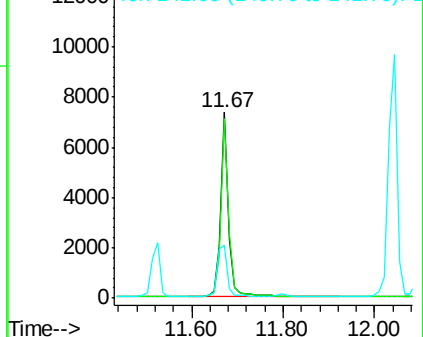
141 36.0 28.4 42.6

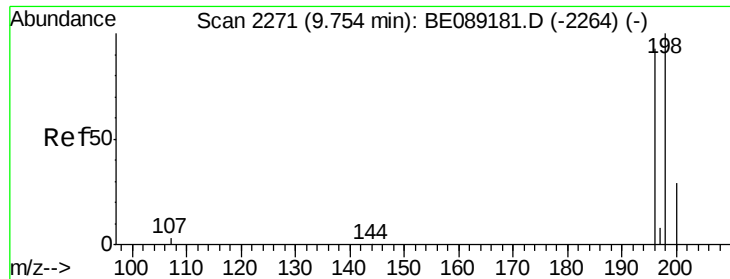


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

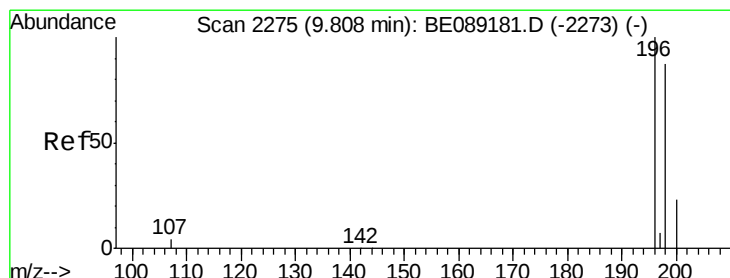
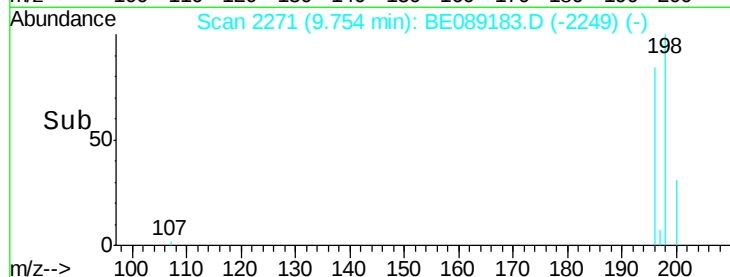
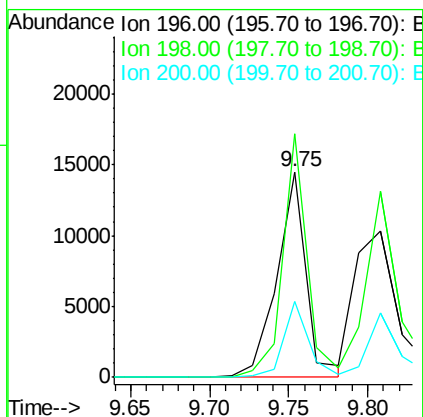
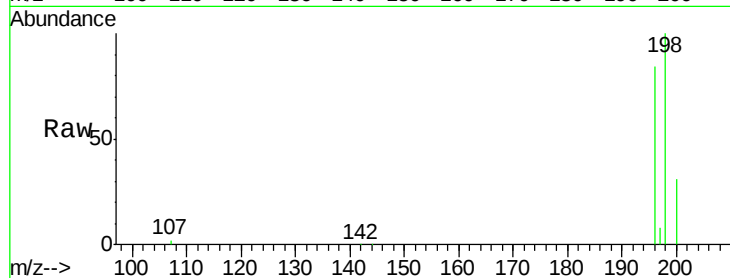




#15
 2,4,6-Trichlorophenol
 Concen: 5.09 ng
 RT: 9.75 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BE089183.D
 Acq: 9 Dec 2014 1:08

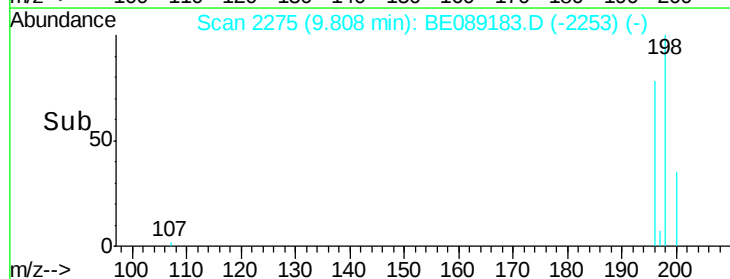
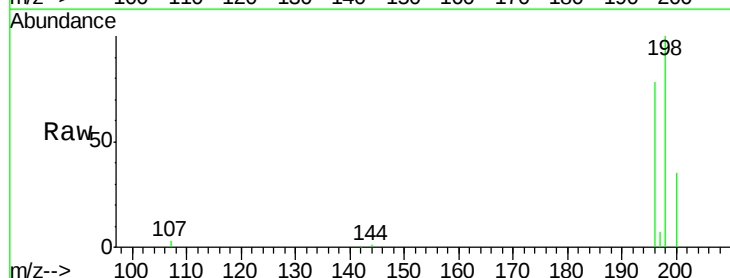
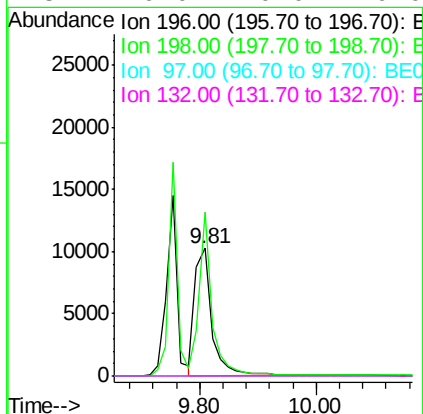
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

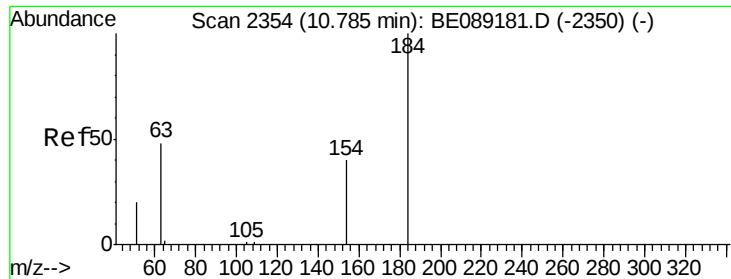
Tgt Ion:196 Resp: 18521
 Ion Ratio Lower Upper
 196 100
 198 118.5 85.6 128.4
 200 36.9 25.4 38.2



#16
 2,4,5-Trichlorophenol
 Concen: 5.66 ng
 RT: 9.81 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BE089183.D
 Acq: 9 Dec 2014 1:08

Tgt Ion:196 Resp: 20385
 Ion Ratio Lower Upper
 196 100
 198 127.8 70.8 106.2#
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0

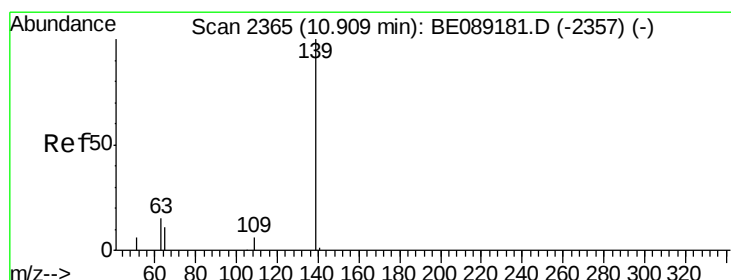
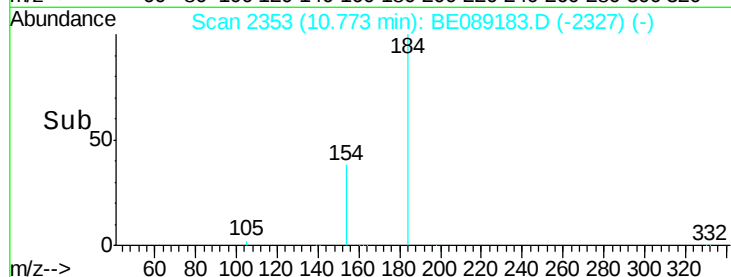
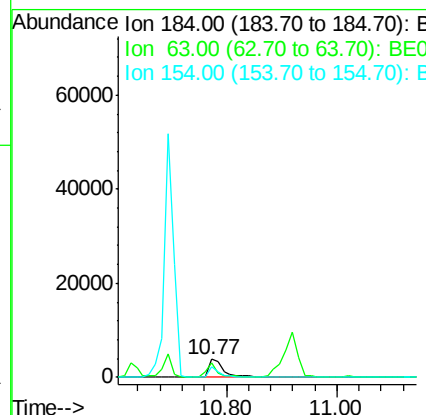
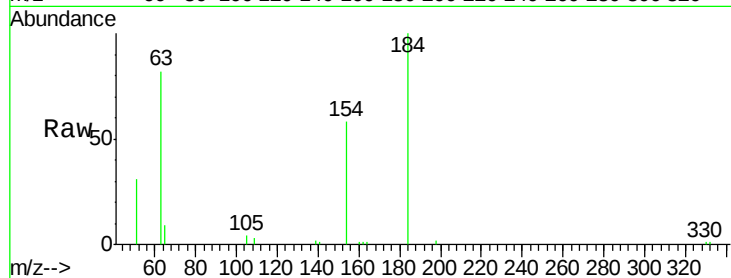




#17
2,4-Dinitrophenol
Concen: 8.83 ng
RT: 10.77 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BE089183.D
Acq: 9 Dec 2014 1:08

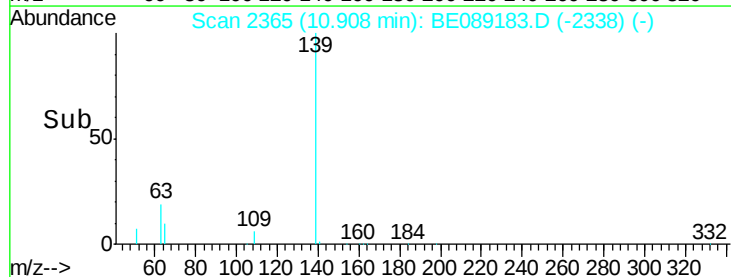
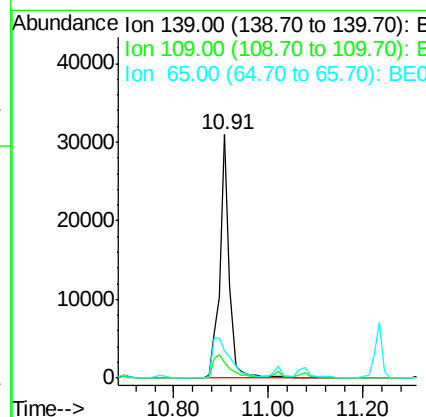
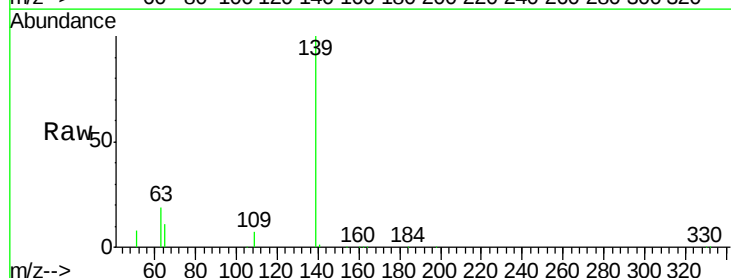
Instrument :
BNA_E
LabSampleId :
SSTDIC005

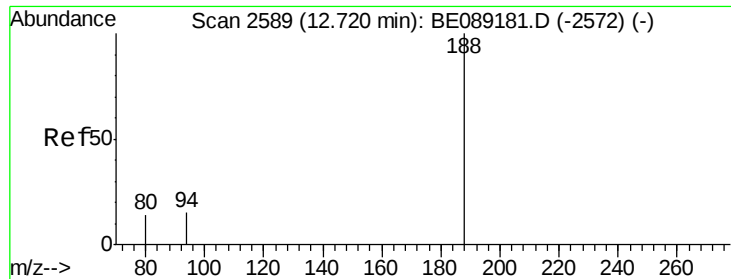
Tgt Ion:184 Resp: 7014
Ion Ratio Lower Upper
184 100
63 82.2 45.2 67.8#
154 58.3 39.5 59.3



#18
4-Nitrophenol
Concen: 16.55 ng
RT: 10.91 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BE089183.D
Acq: 9 Dec 2014 1:08

Tgt Ion:139 Resp: 42810
Ion Ratio Lower Upper
139 100
109 6.6 0.0 26.6
65 11.2 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: BE089183.D

Acq: 9 Dec 2014 1:08

Instrument :

BNA_E

LabSampleId :

SSTDICC005

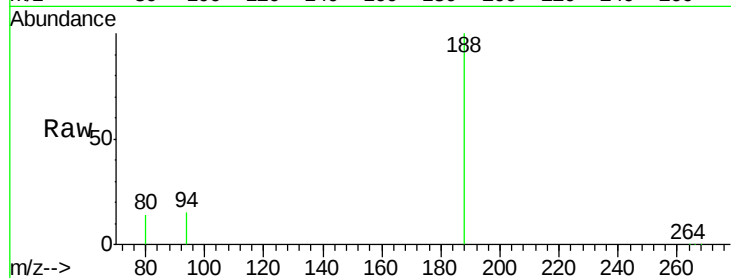
Tgt Ion:188 Resp: 77871

Ion Ratio Lower Upper

188 100

94 14.9 11.7 17.5

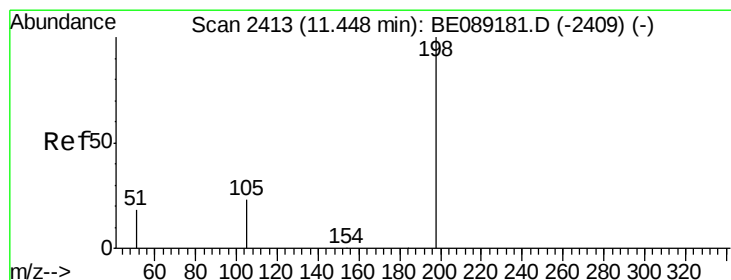
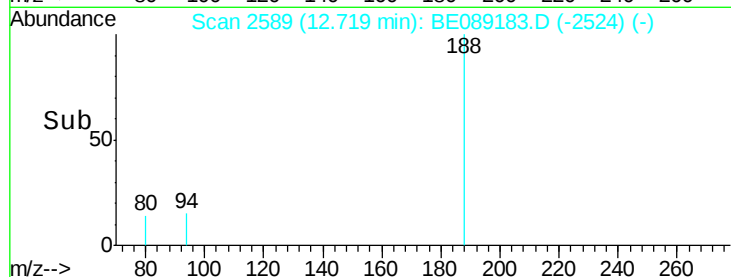
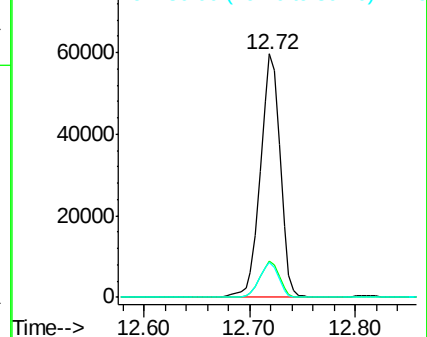
80 14.3 11.0 16.4



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: 8.14 ng

RT: 11.45 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

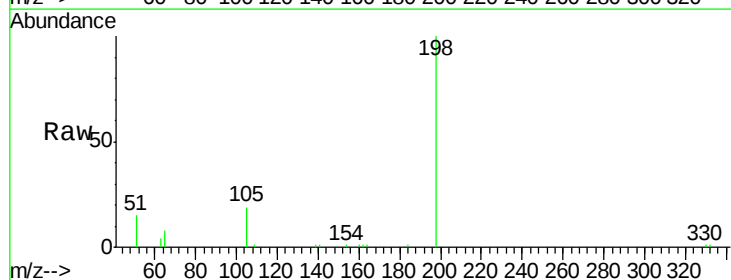
Tgt Ion:198 Resp: 9879

Ion Ratio Lower Upper

198 100

51 15.4 10.8 50.8

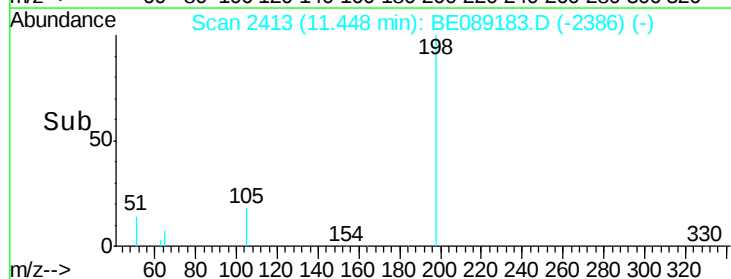
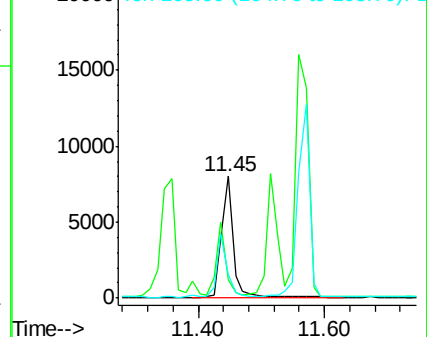
105 19.1 10.4 50.4

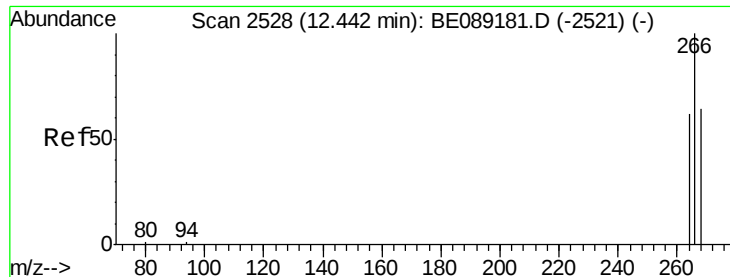


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BE0

Ion 105.00 (104.70 to 105.70): E

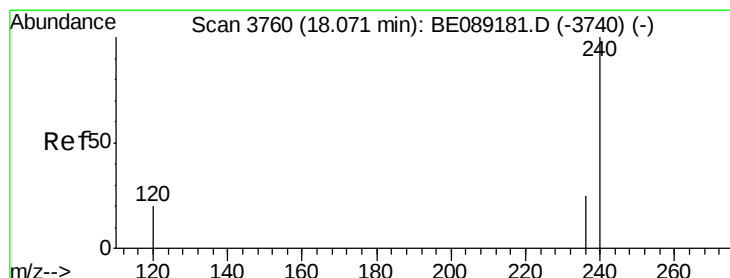
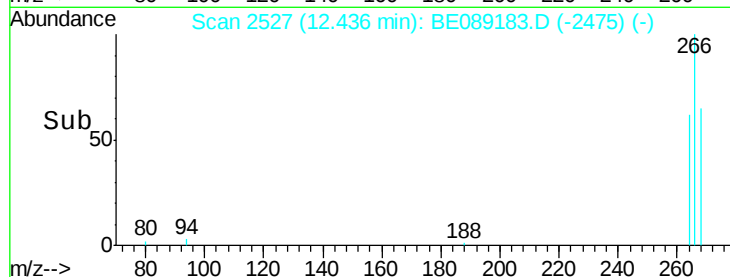
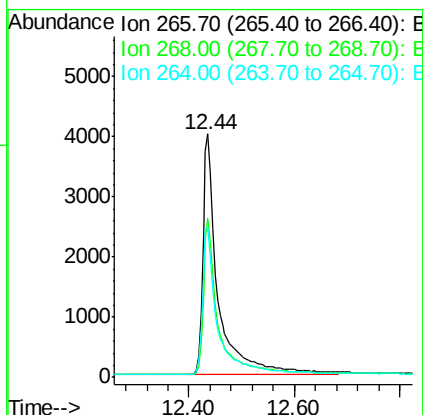
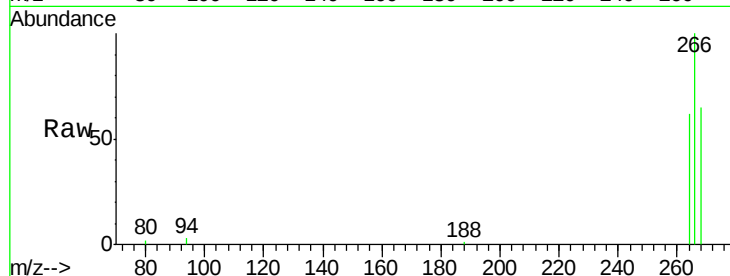




#21
 Pentachlorophenol
 Concen: 4.18 ng
 RT: 12.44 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BE089183.D
 Acq: 9 Dec 2014 1:08

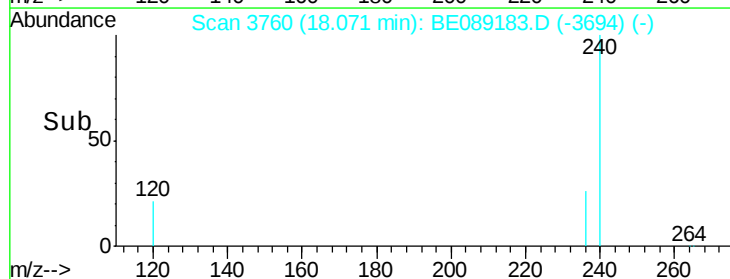
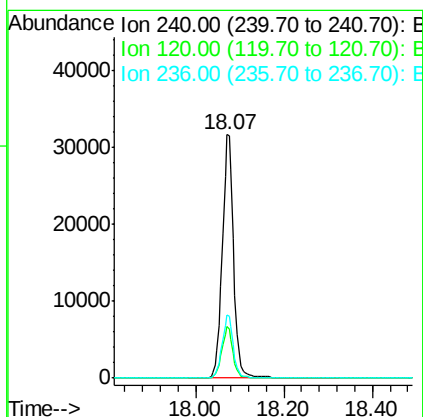
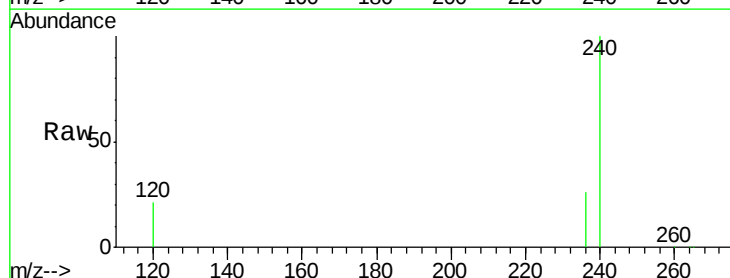
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC005

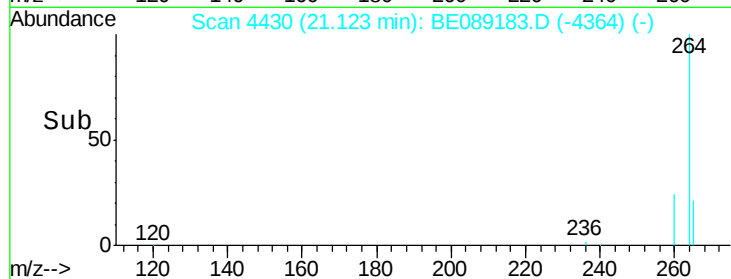
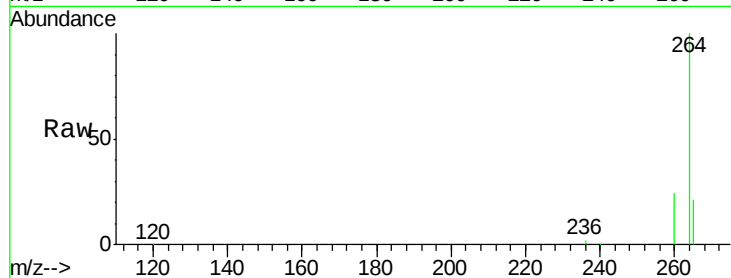
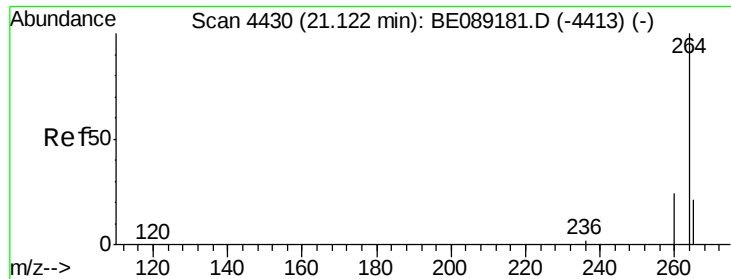
Tgt Ion: 266 Resp: 8165
 Ion Ratio Lower Upper
 266 100
 268 65.4 53.9 80.9
 264 61.9 52.6 78.8



#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.07 min Scan# 3760
 Delta R.T. 0.00 min
 Lab File: BE089183.D
 Acq: 9 Dec 2014 1:08

Tgt Ion: 240 Resp: 55778
 Ion Ratio Lower Upper
 240 100
 120 21.0 15.8 23.8
 236 26.1 20.2 30.4





#23

Perylene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 4430

Delta R.T. 0.00 min

Lab File: BE089183.D

Acq: 9 Dec 2014 1:08

Instrument :

BNA_E

LabSampleId :

SSTDIC005

Tgt Ion: 264 Resp: 52563

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.2 17.2 25.8

