

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
 Data File : BE089399.D
 Acq On : 10 Jan 2015 2:52
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC010

Quant Time: Jan 12 01:33:50 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

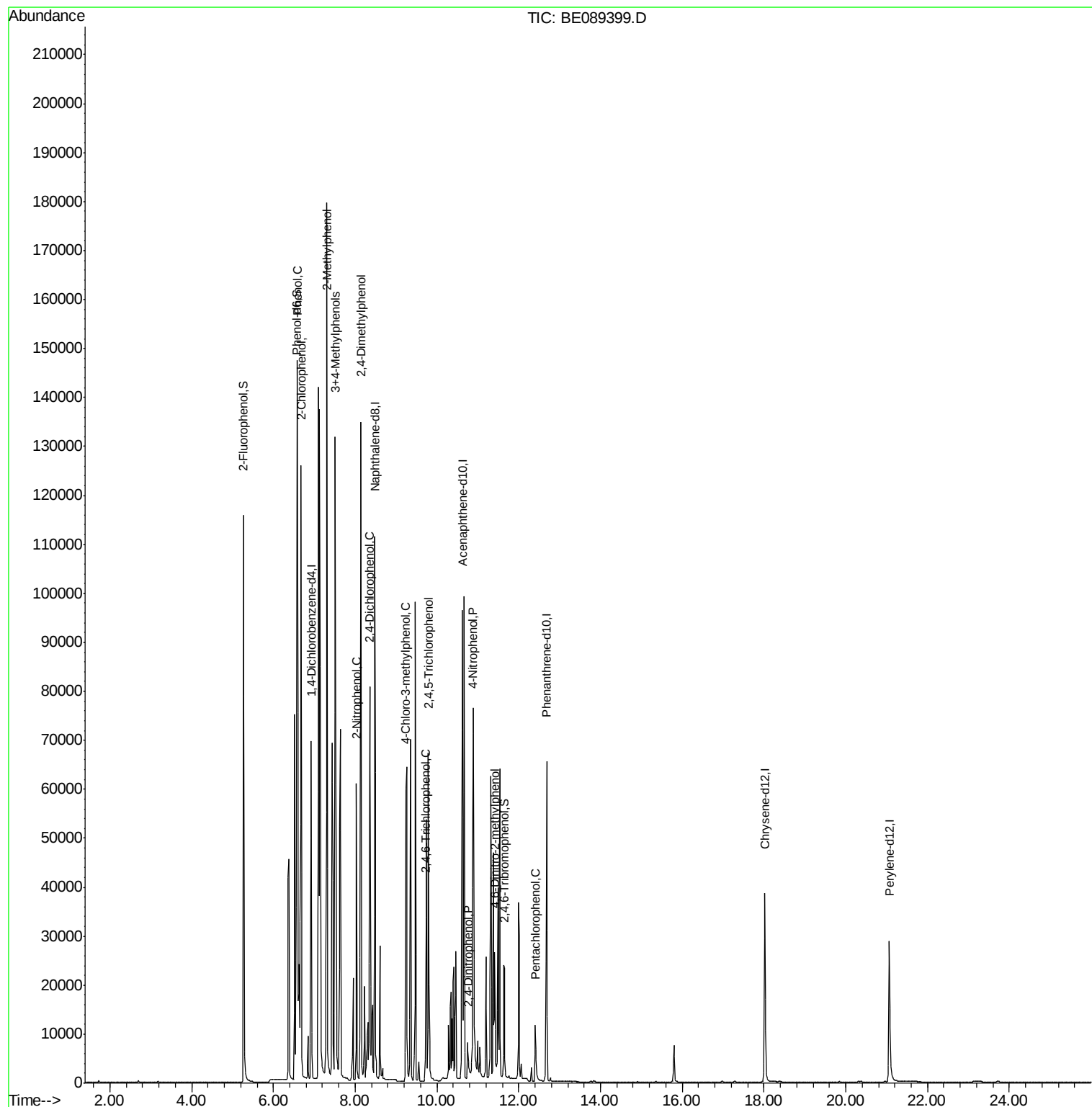
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	27785	5.00	ng	0.00
8) Naphthalene-d8	8.48	136	100770	5.00	ng	0.00
13) Acenaphthene-d10	10.63	164	43162	5.00	ng	0.00
19) Phenanthrene-d10	12.68	188	67605	5.00	ng	0.00
22) Chrysene-d12	18.02	240	49404	5.00	ng	0.00
23) Perylene-d12	21.07	264	45813	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.27	112	74306	10.55	ng	0.00
3) Phenol-d6	6.57	99	87694	9.42	ng	-0.01
14) 2,4,6-Tribromophenol	11.65	330	14132	10.13	ng	0.00
Target Compounds						Qvalue
4) 2-Chlorophenol	6.68	128	76380	9.78	ng	80
5) Phenol	6.58	94	104570	9.26	ng	74
6) 2-Methylphenol	7.31	107	60243	7.08	ng	95
7) 3+4-Methylphenols	7.52	107	78778	10.30	ng	93
9) 2-Nitrophenol	8.03	139	38265	10.79	ng	# 89
10) 2,4-Dimethylphenol	8.14	122	64274	10.18	ng	# 85
11) 2,4-Dichlorophenol	8.36	162	54841	10.00	ng	81
12) 4-Chloro-3-methylphenol	9.24	107	57754	10.14	ng	# 61
15) 2,4,6-Trichlorophenol	9.73	196	32783	11.18	ng	# 38
16) 2,4,5-Trichlorophenol	9.79	196	34711	10.56	ng	84
17) 2,4-Dinitrophenol	10.76	184	10029	14.68	ng	# 37
18) 4-Nitrophenol	10.89	139	79143	11.74	ng	75
20) 4,6-Dinitro-2-methylphenol	11.41	198	16551	15.77	ng	# 77
21) Pentachlorophenol	12.41	266	8793	10.03	ng	# 70

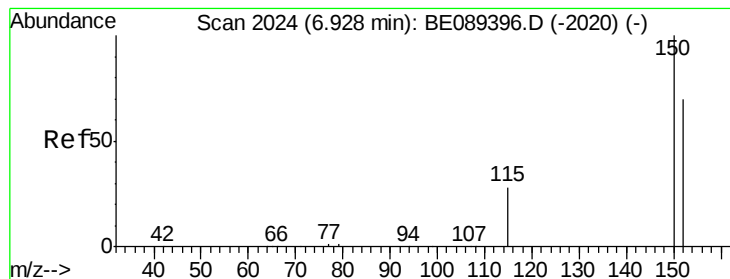
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE089399.D

Acq: 10 Jan 2015 2:52

Instrument :

BNA_E

LabSampleId :

SSTDIC010

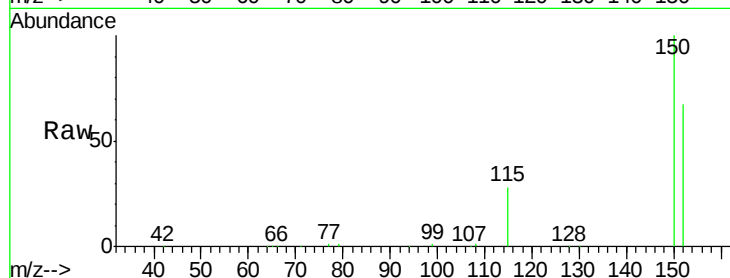
Tgt Ion:152 Resp: 27785

Ion Ratio Lower Upper

152 100

150 148.3 114.2 171.2

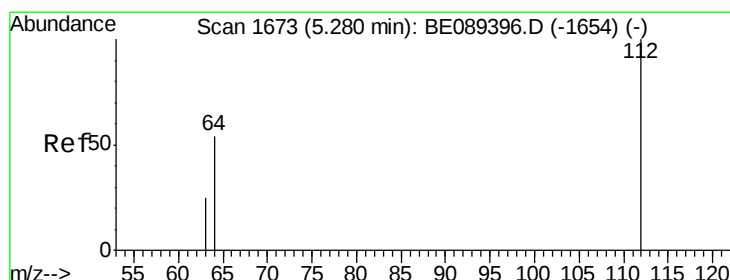
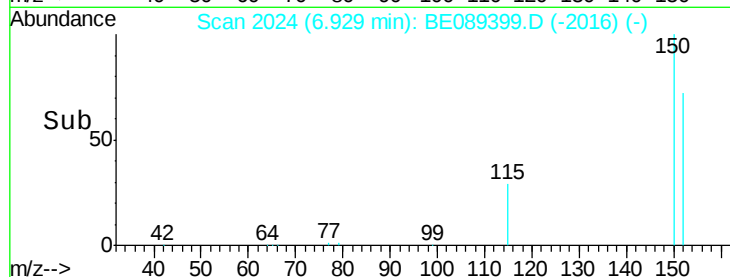
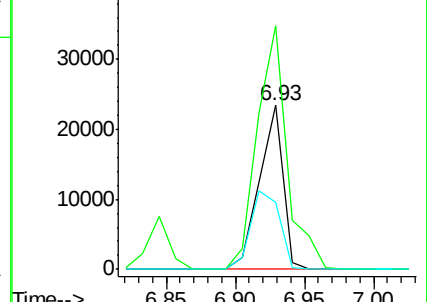
115 41.0 31.8 47.8



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: 10.55 ng

RT: 5.27 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

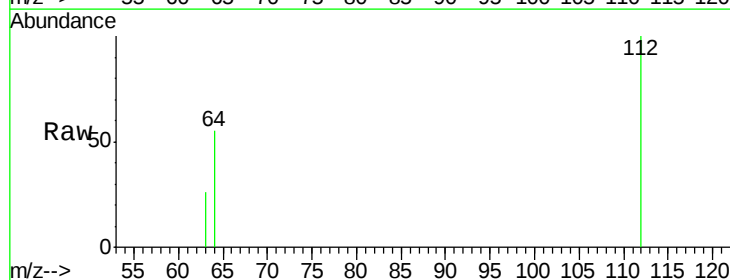
Tgt Ion:112 Resp: 74306

Ion Ratio Lower Upper

112 100

64 54.7 43.8 65.8

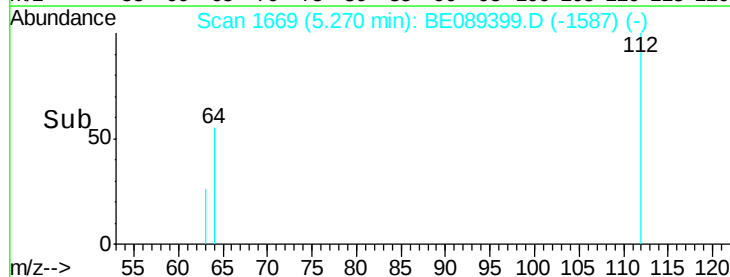
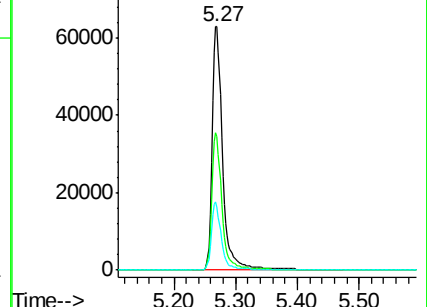
63 25.8 20.9 31.3

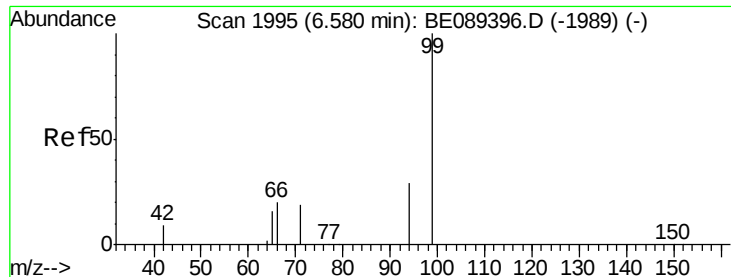


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#3

Phenol-d6

Concen: 9.42 ng

RT: 6.57 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

Instrument :

BNA_E

LabSampleId :

SSTDICC010

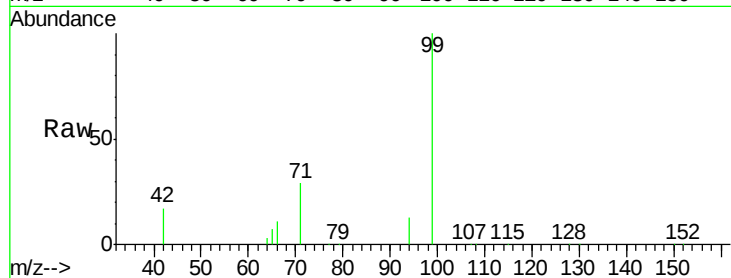
Tgt Ion: 99 Resp: 87694

Ion Ratio Lower Upper

99 100

42 16.8 7.8 11.8#

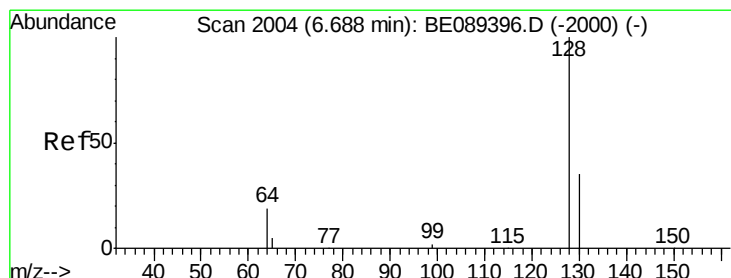
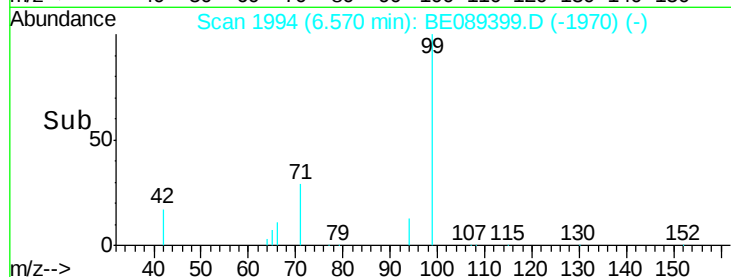
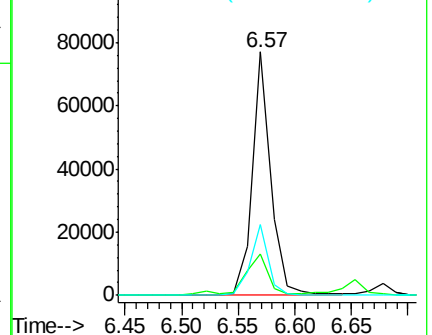
71 29.2 15.4 23.0#



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: 9.78 ng

RT: 6.68 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

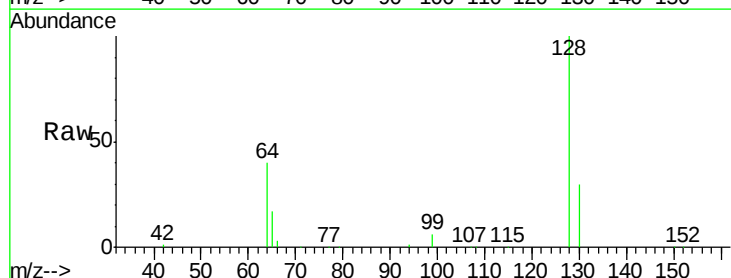
Tgt Ion: 128 Resp: 76380

Ion Ratio Lower Upper

128 100

130 30.4 15.6 55.6

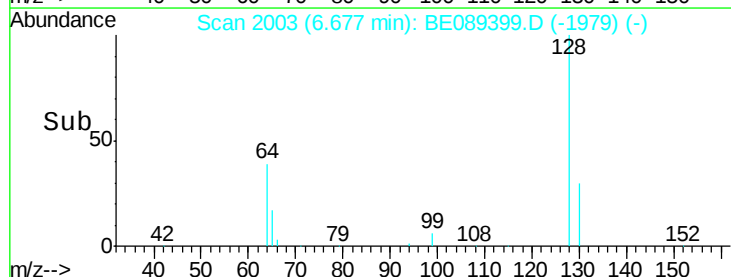
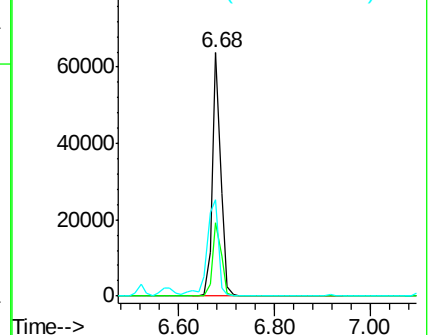
64 39.5 0.8 40.8

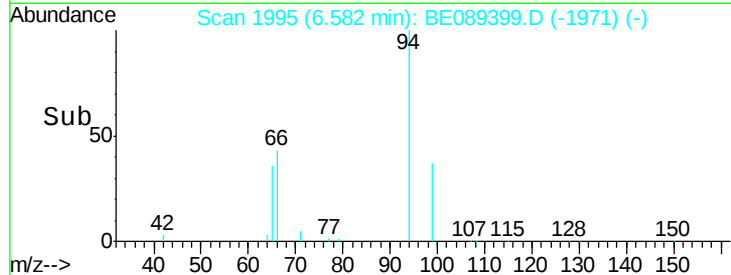
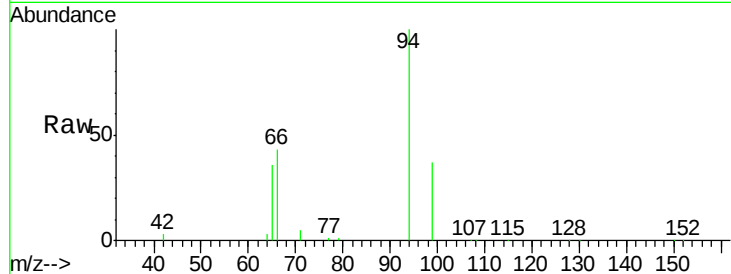
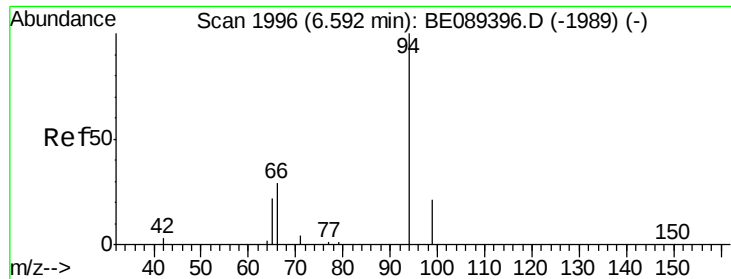


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BE0





#5

Phenol

Concen: 9.26 ng

RT: 6.58 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

Instrument :

BNA_E

LabSampleId :

SSTDIC010

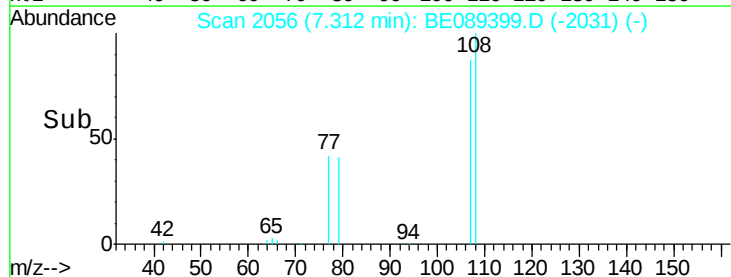
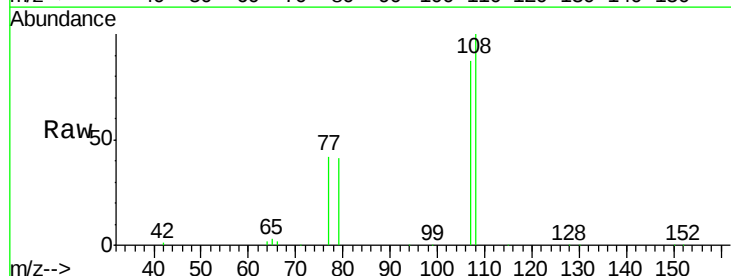
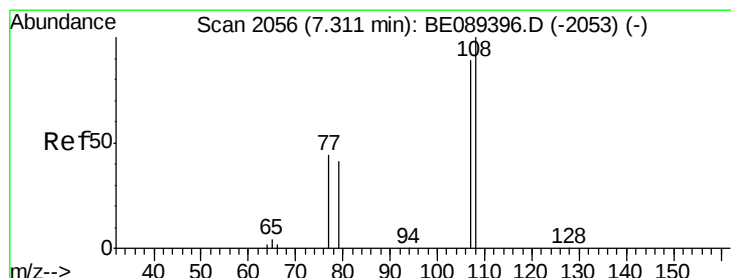
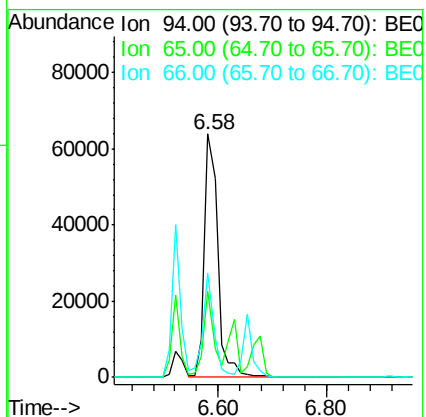
Tgt Ion: 94 Resp: 104570

Ion Ratio Lower Upper

94 100

65 35.6 2.6 42.6

66 43.0 9.5 49.5



#6

2-Methylphenol

Concen: 7.08 ng

RT: 7.31 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

Tgt Ion: 107 Resp: 60243

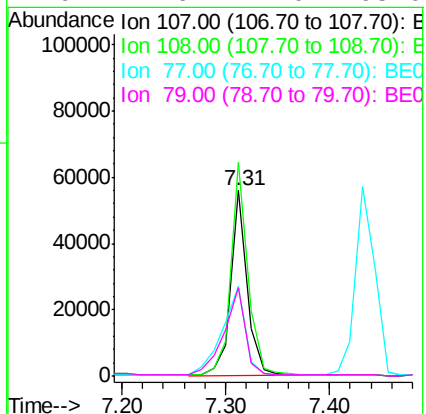
Ion Ratio Lower Upper

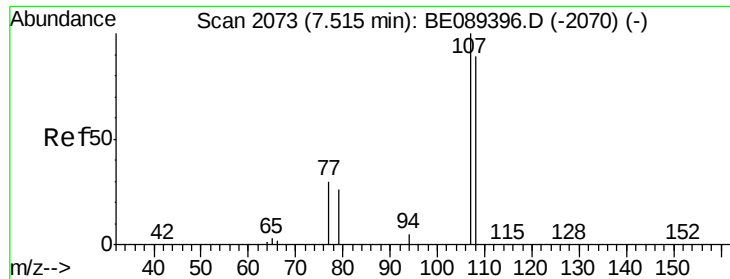
107 100

108 115.4 90.7 136.1

77 48.6 45.1 67.7

79 47.6 42.0 63.0





#7

3+4-Methylphenols

Concen: 10.30 ng

RT: 7.52 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

Instrument :

BNA_E

LabSampleId :

SSTDIC010

Tgt Ion:107 Resp: 78778

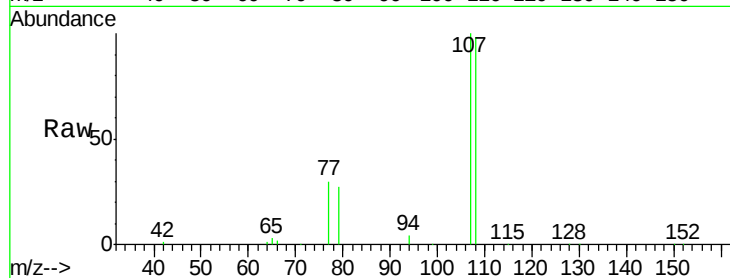
Ion Ratio Lower Upper

107 100

108 98.0 69.4 109.4

77 29.7 12.6 52.6

79 27.2 6.9 46.9

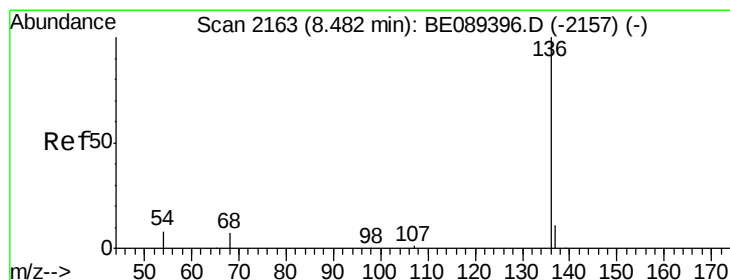
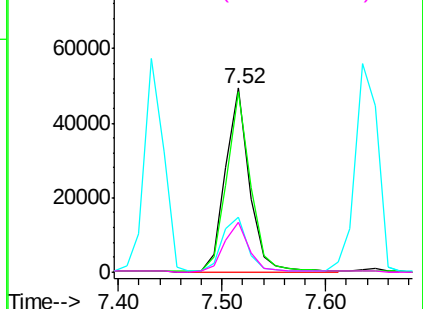
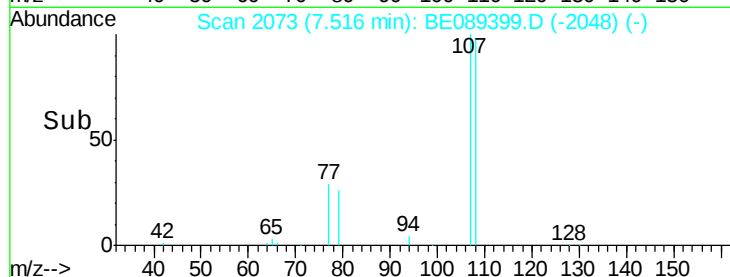


Abundance Ion 107.00 (106.70 to 107.70): E

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: BE089399.D

Acq: 10 Jan 2015 2:52

Tgt Ion:136 Resp: 100770

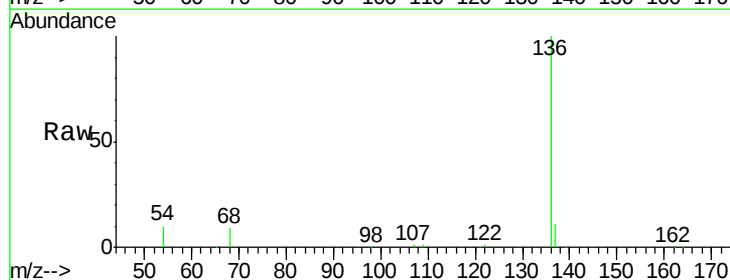
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.7 6.6 10.0

68 8.5 6.0 9.0

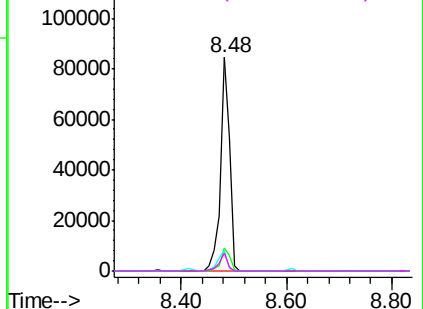
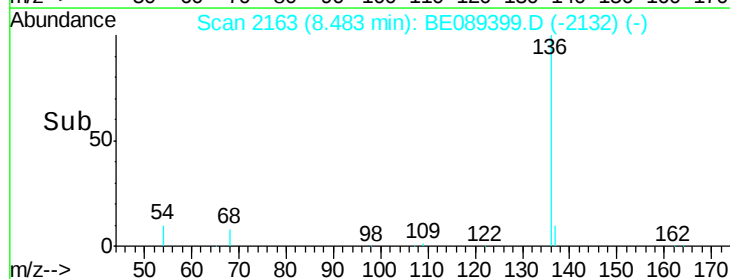


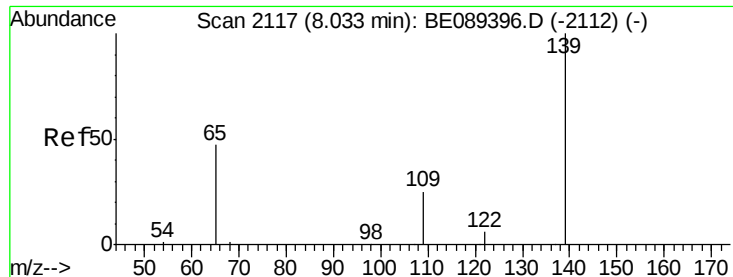
Abundance Ion 136.00 (135.70 to 136.70): E

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

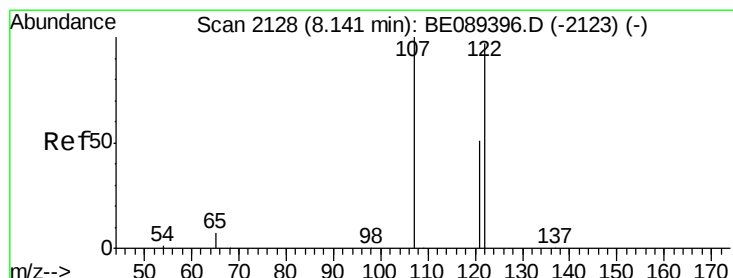
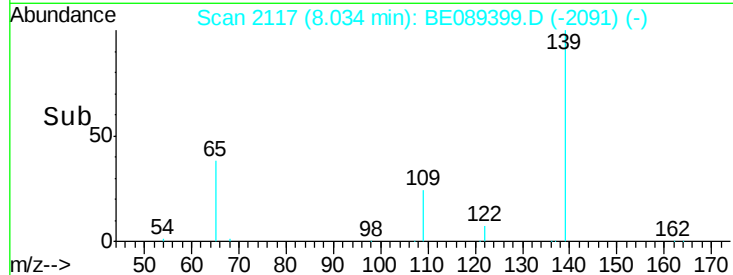
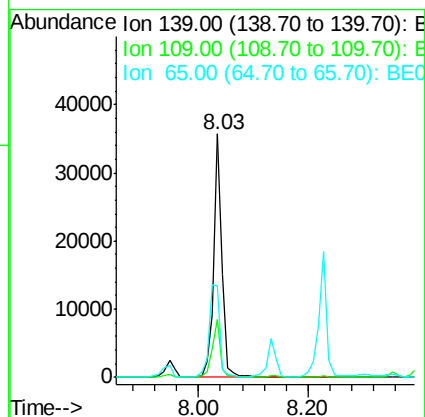
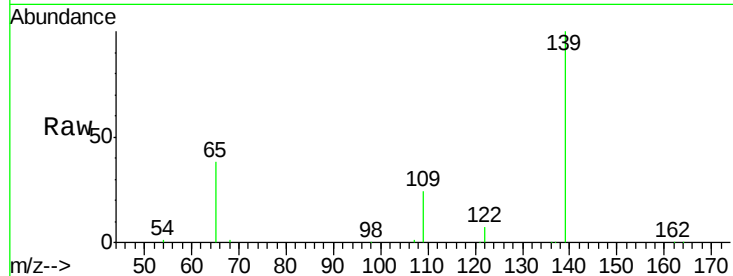




#9
 2-Nitrophenol
 Concen: 10.79 ng
 RT: 8.03 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BE089399.D
 Acq: 10 Jan 2015 2:52

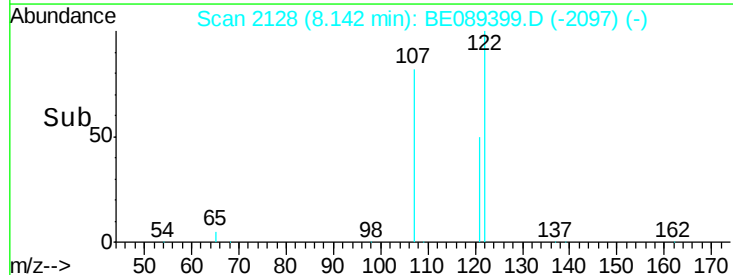
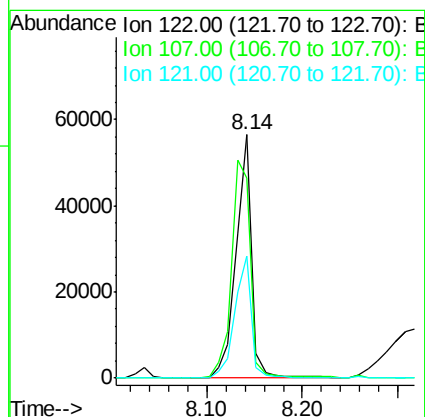
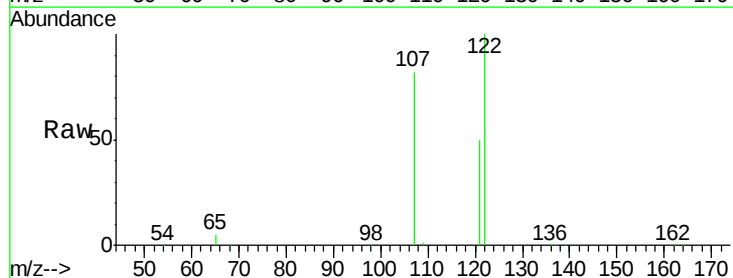
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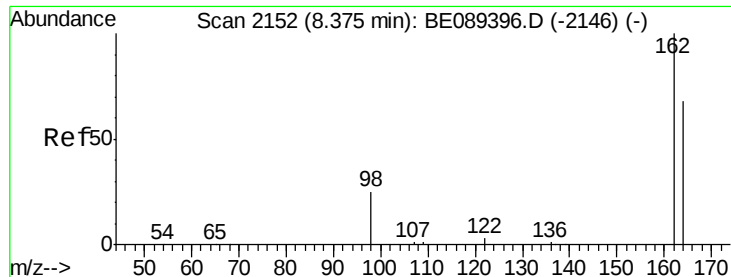
Tgt Ion:139 Resp: 38265
 Ion Ratio Lower Upper
 139 100
 109 23.7 21.2 31.8
 65 37.7 38.1 57.1#



#10
 2,4-Dimethylphenol
 Concen: 10.18 ng
 RT: 8.14 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BE089399.D
 Acq: 10 Jan 2015 2:52

Tgt Ion:122 Resp: 64274
 Ion Ratio Lower Upper
 122 100
 107 82.4 82.5 123.7#
 121 50.0 42.6 64.0

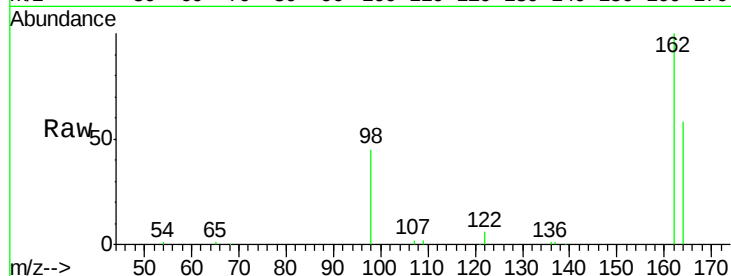




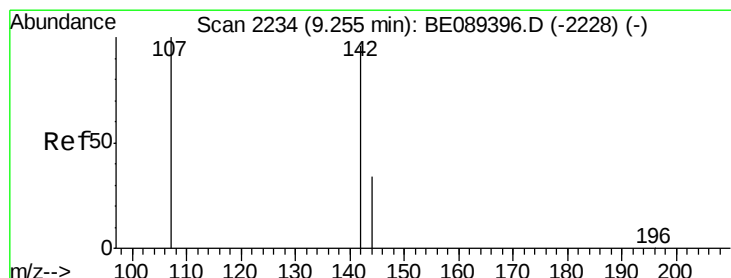
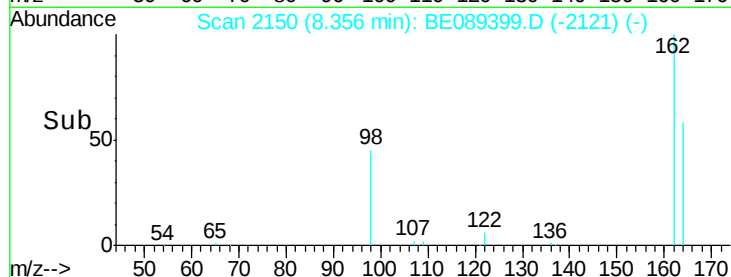
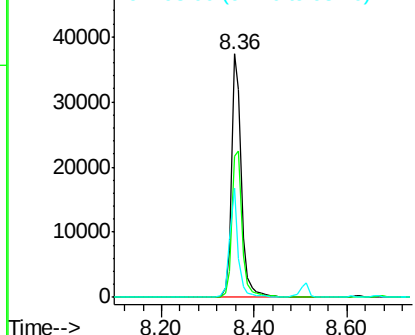
#11
 2,4-Dichlorophenol
 Concen: 10.00 ng
 RT: 8.36 min Scan# 2150
 Delta R.T. -0.02 min
 Lab File: BE089399.D
 Acq: 10 Jan 2015 2:52

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC010

Tgt Ion	Ratio	Lower	Upper
162	100		
164	58.1	48.0	88.0
98	44.8	5.8	45.8

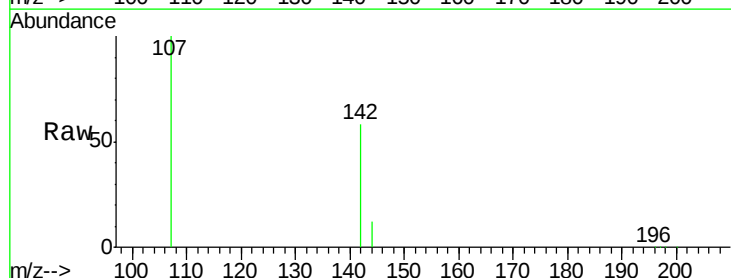


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

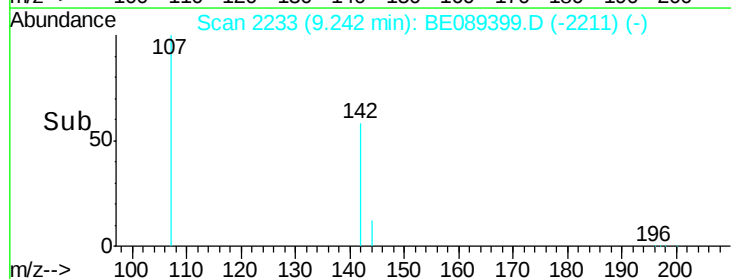
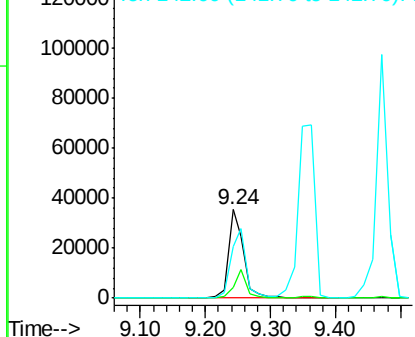


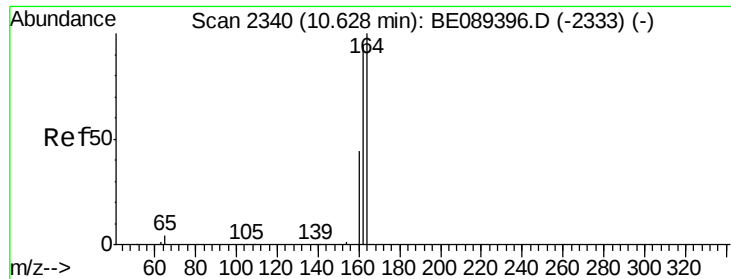
#12
 4-Chloro-3-methylphenol
 Concen: 10.14 ng
 RT: 9.24 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BE089399.D
 Acq: 10 Jan 2015 2:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	12.0	27.4	41.2#
142	58.0	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: BE089399.D

Acq: 10 Jan 2015 2:52

Instrument :

BNA_E

LabSampleId :

SSTDICC010

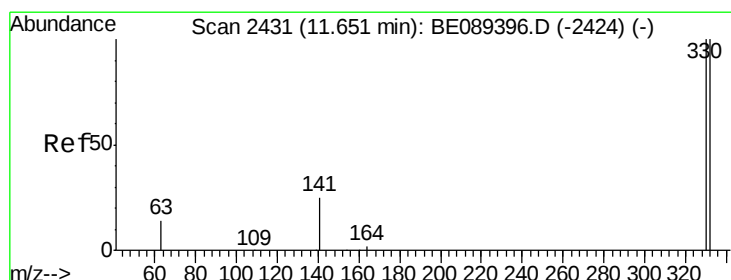
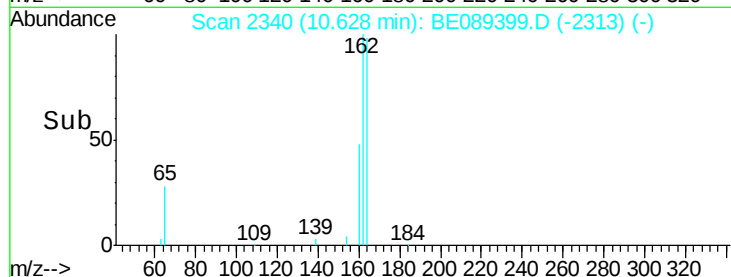
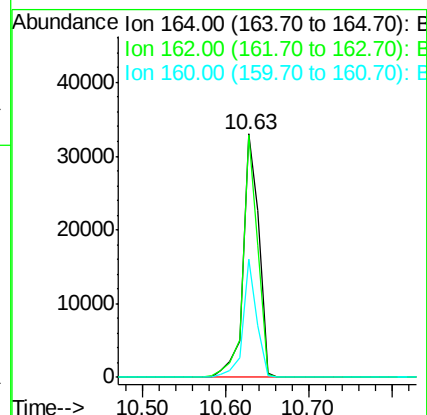
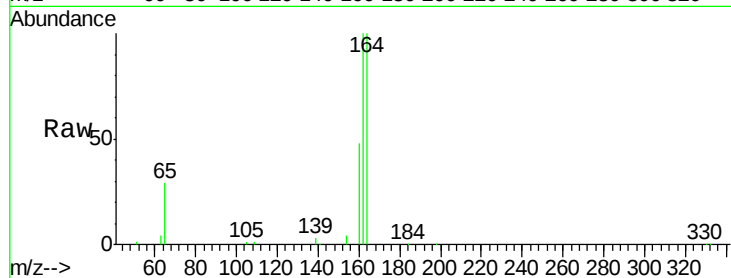
Tgt Ion:164 Resp: 43162

Ion Ratio Lower Upper

164 100

162 99.6 75.2 112.8

160 48.3 35.0 52.4



#14

2,4,6-Tribromophenol

Concen: 10.13 ng

RT: 11.65 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

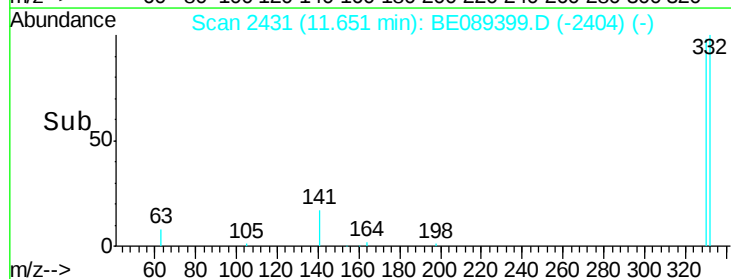
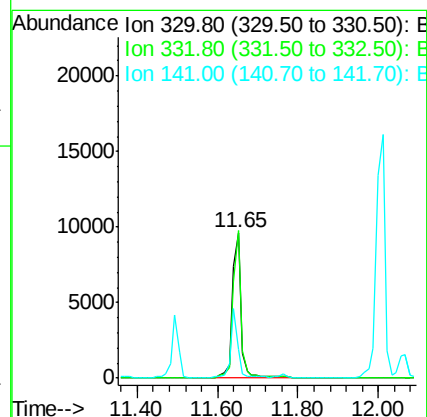
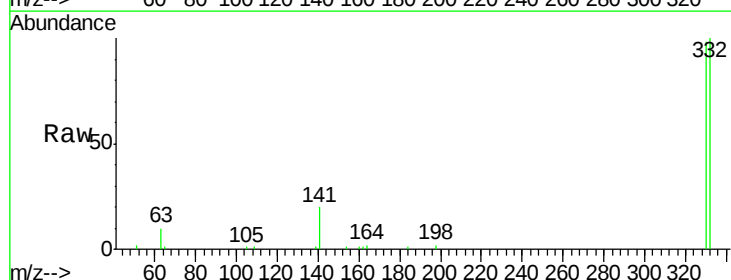
Tgt Ion:330 Resp: 14132

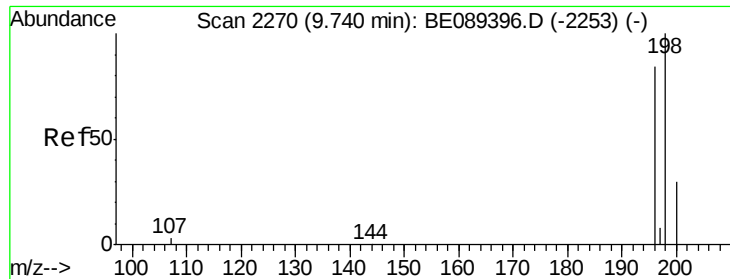
Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

141 38.6 29.9 44.9

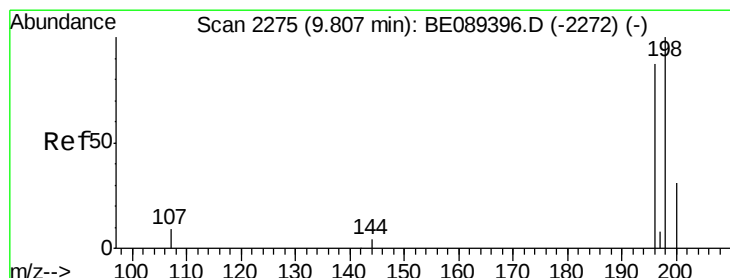
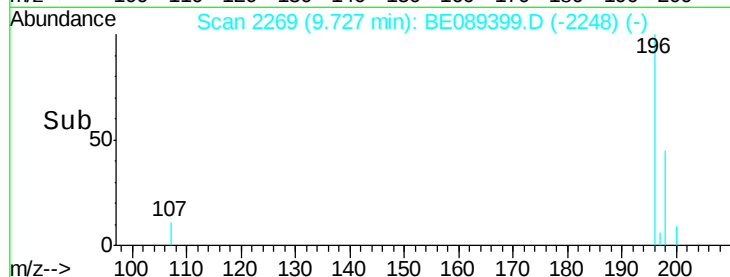
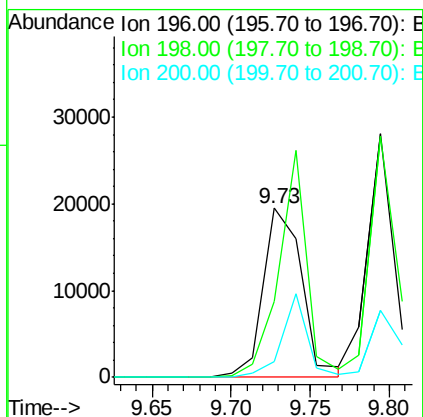
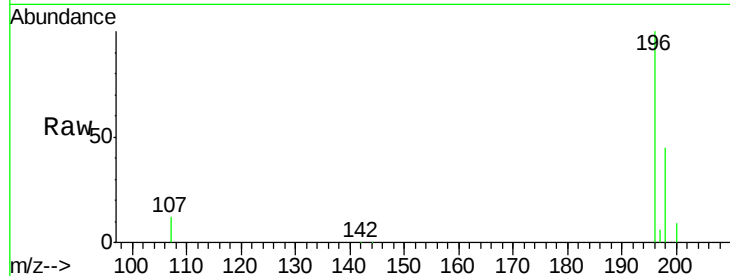




#15
 2,4,6-Trichlorophenol
 Concen: 11.18 ng
 RT: 9.73 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BE089399.D
 Acq: 10 Jan 2015 2:52

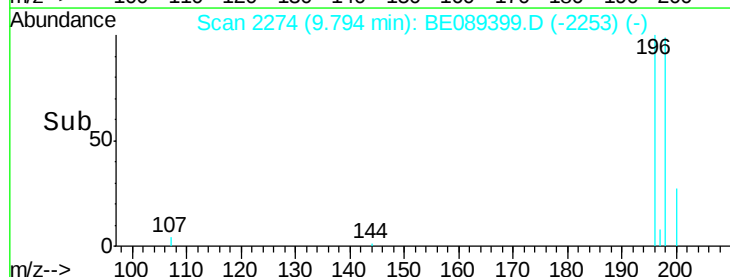
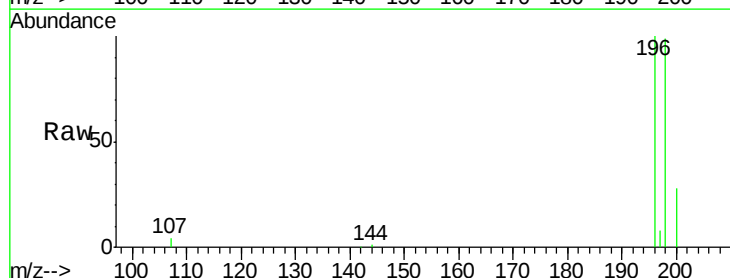
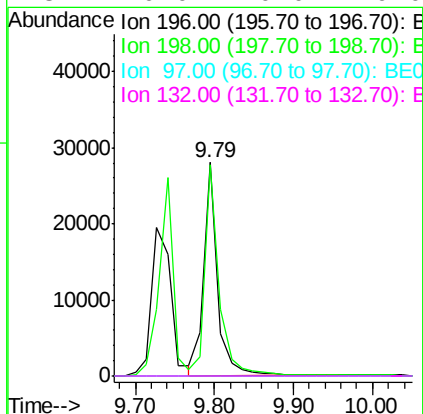
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC010

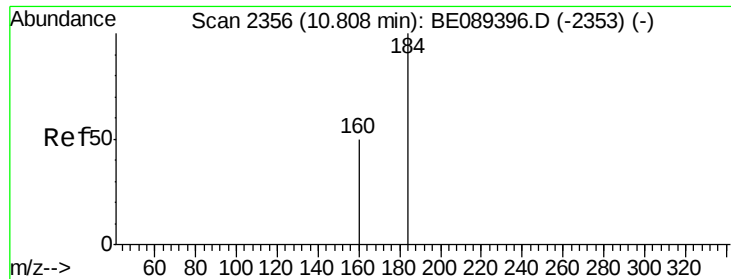
Tgt Ion:196 Resp: 32783
 Ion Ratio Lower Upper
 196 100
 198 45.1 95.3 142.9#
 200 9.4 29.8 44.6#



#16
 2,4,5-Trichlorophenol
 Concen: 10.56 ng
 RT: 9.79 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BE089399.D
 Acq: 10 Jan 2015 2:52

Tgt Ion:196 Resp: 34711
 Ion Ratio Lower Upper
 196 100
 198 99.1 93.4 140.2
 97 0.0 0.0 0.0
 132 0.0 0.0 0.0

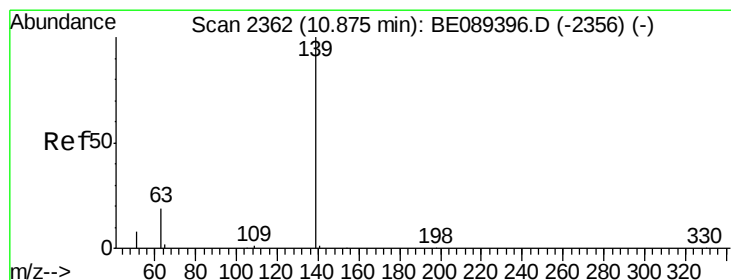
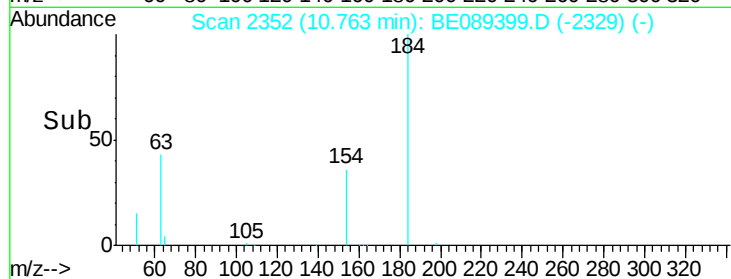
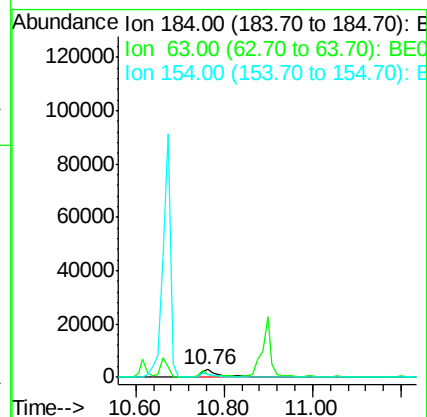
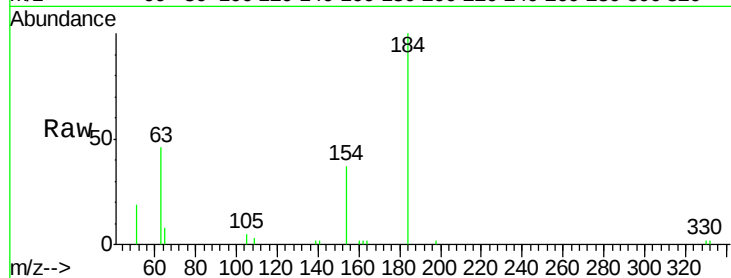




#17
2,4-Dinitrophenol
Concen: 14.68 ng
RT: 10.76 min Scan# 2352
Delta R.T. -0.05 min
Lab File: BE089399.D
Acq: 10 Jan 2015 2:52

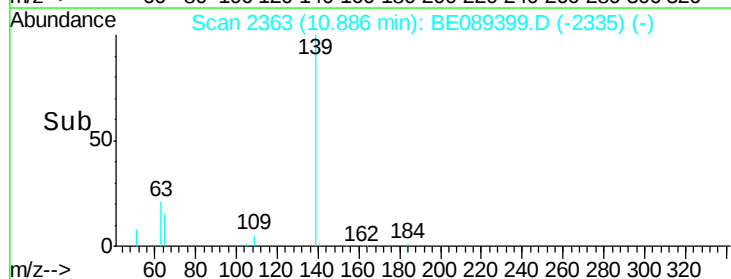
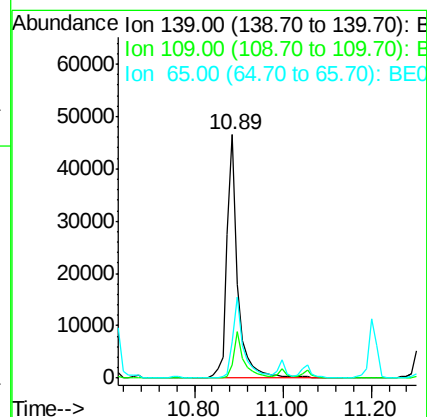
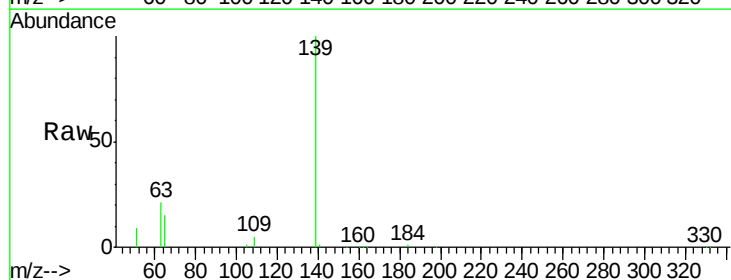
Instrument :
BNA_E
LabSampleId :
SSTDIC010

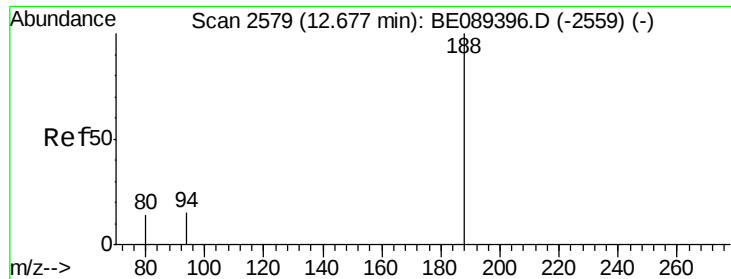
Tgt Ion:184 Resp: 10029
Ion Ratio Lower Upper
184 100
63 46.4 90.6 136.0#
154 37.5 81.8 122.6#



#18
4-Nitrophenol
Concen: 11.74 ng
RT: 10.89 min Scan# 2363
Delta R.T. 0.01 min
Lab File: BE089399.D
Acq: 10 Jan 2015 2:52

Tgt Ion:139 Resp: 79143
Ion Ratio Lower Upper
139 100
109 5.2 0.0 22.1
65 14.9 0.0 23.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.68 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

Instrument :

BNA_E

LabSampleId :

SSTDIC010

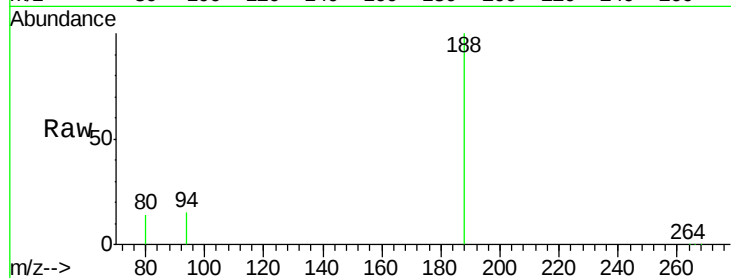
Tgt Ion:188 Resp: 67605

Ion Ratio Lower Upper

188 100

94 14.8 12.1 18.1

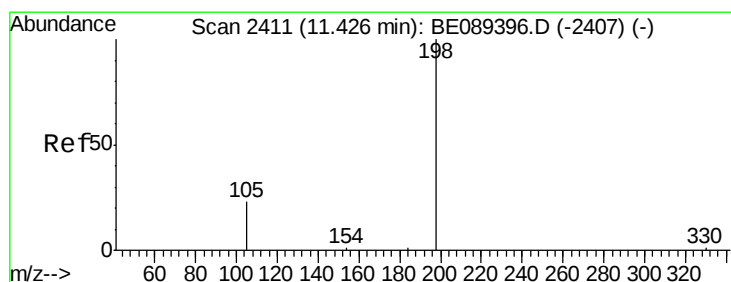
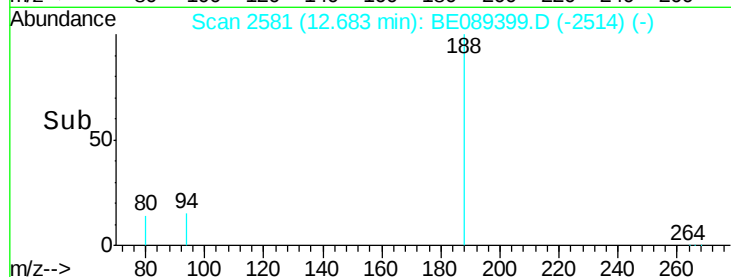
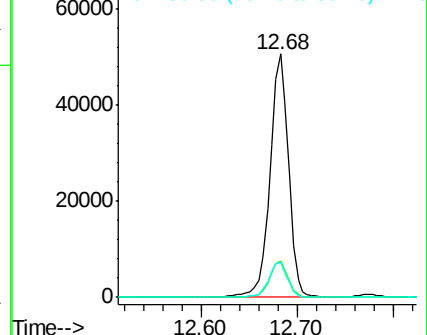
80 14.2 11.6 17.4



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: 15.77 ng

RT: 11.41 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

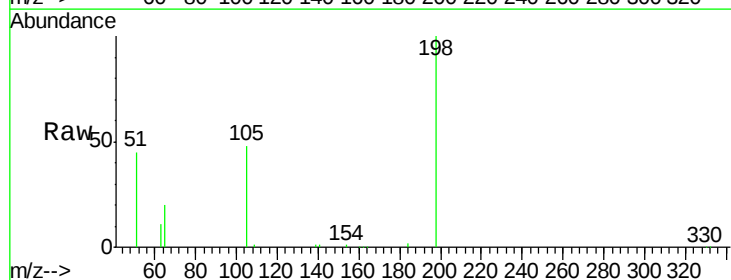
Tgt Ion:198 Resp: 16551

Ion Ratio Lower Upper

198 100

51 45.0 49.4 89.4#

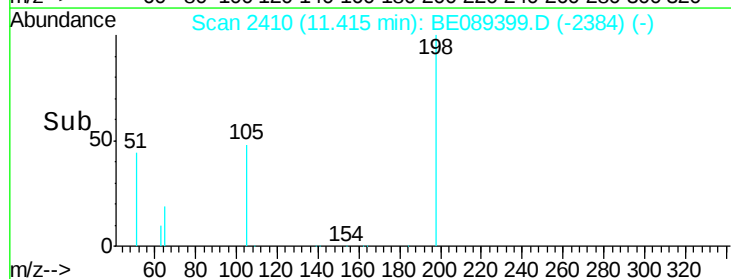
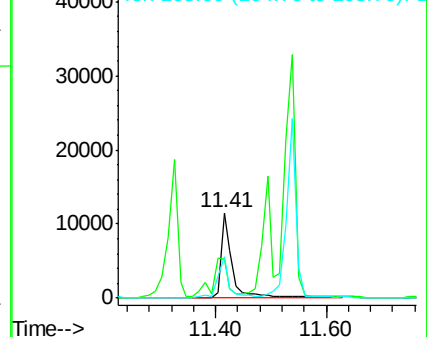
105 48.0 39.8 79.8

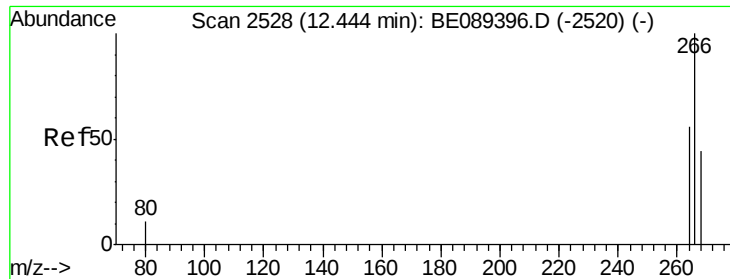


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BE0

Ion 105.00 (104.70 to 105.70): E

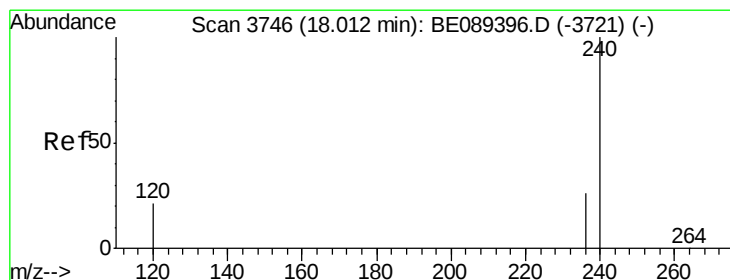
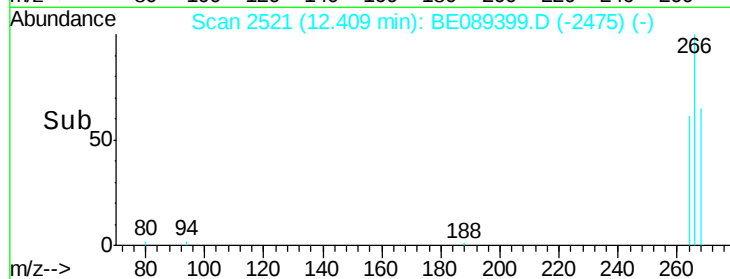
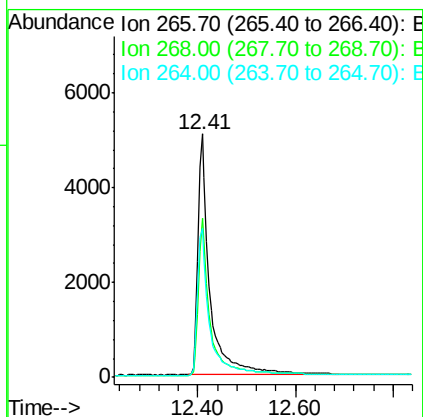
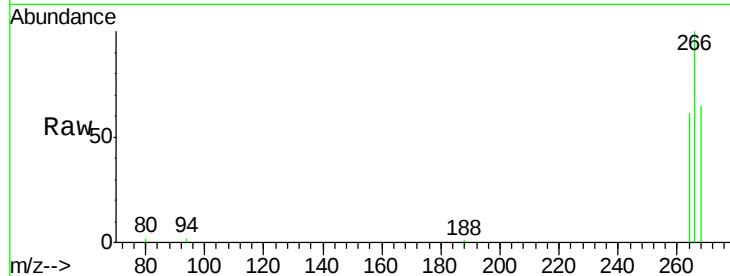




#21
 Pentachlorophenol
 Concen: 10.03 ng
 RT: 12.41 min Scan# 2521
 Delta R.T. -0.04 min
 Lab File: BE089399.D
 Acq: 10 Jan 2015 2:52

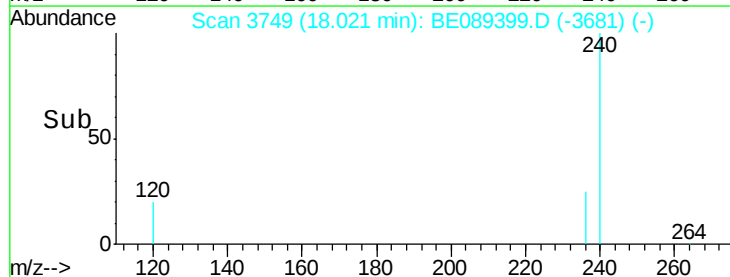
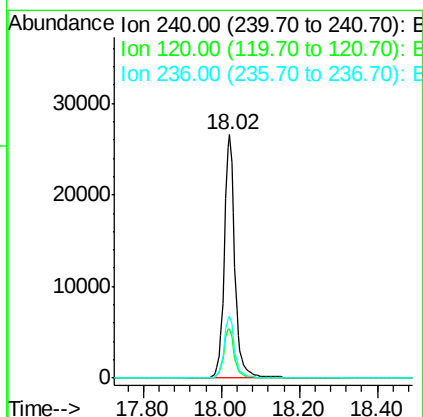
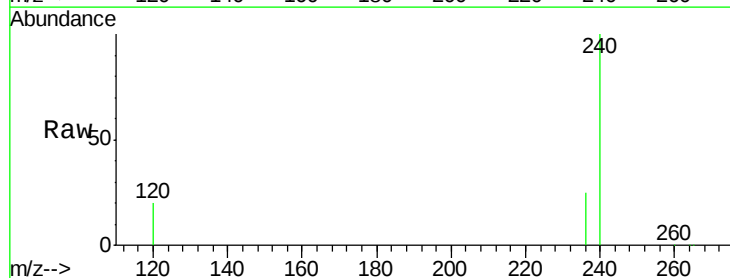
Instrument :
 BNA_E
 LabSampleId :
 SSTDICC010

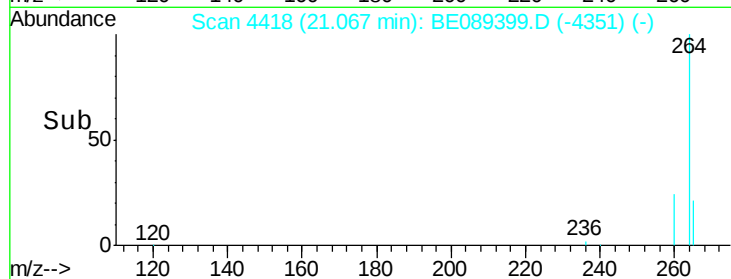
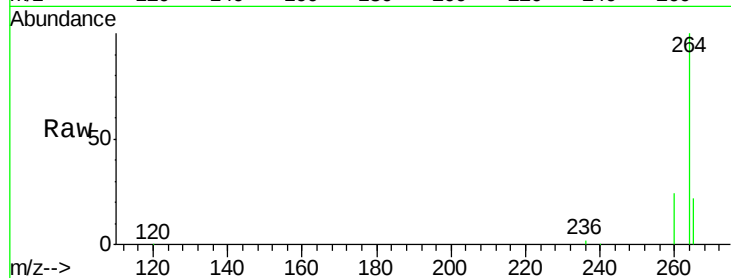
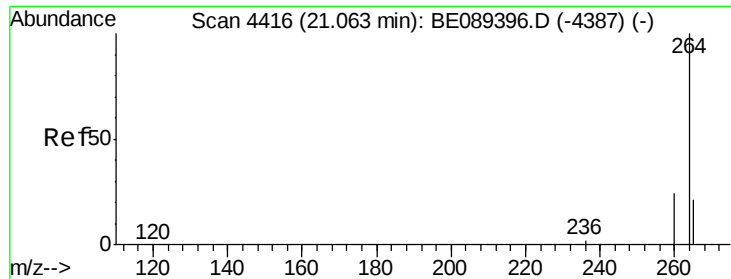
Tgt Ion: 266 Resp: 8793
 Ion Ratio Lower Upper
 266 100
 268 65.2 72.6 108.8#
 264 61.1 74.1 111.1#



#22
 Chrysene-d12
 Concen: 5.00 ng
 RT: 18.02 min Scan# 3749
 Delta R.T. 0.01 min
 Lab File: BE089399.D
 Acq: 10 Jan 2015 2:52

Tgt Ion: 240 Resp: 49404
 Ion Ratio Lower Upper
 240 100
 120 19.9 17.0 25.4
 236 25.4 20.8 31.2





#23

Perylene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 4418

Delta R.T. 0.00 min

Lab File: BE089399.D

Acq: 10 Jan 2015 2:52

Instrument :

BNA_E

LabSampleId :

SSTDIC010

Tgt Ion: 264 Resp: 45813

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.7 17.3 25.9

