

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021715\
 Data File : BE089601.D
 Acq On : 17 Feb 2015 19:03
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTDICC010

Quant Time: Feb 18 13:44:26 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 00:56:39 2015
 Response via : Initial Calibration

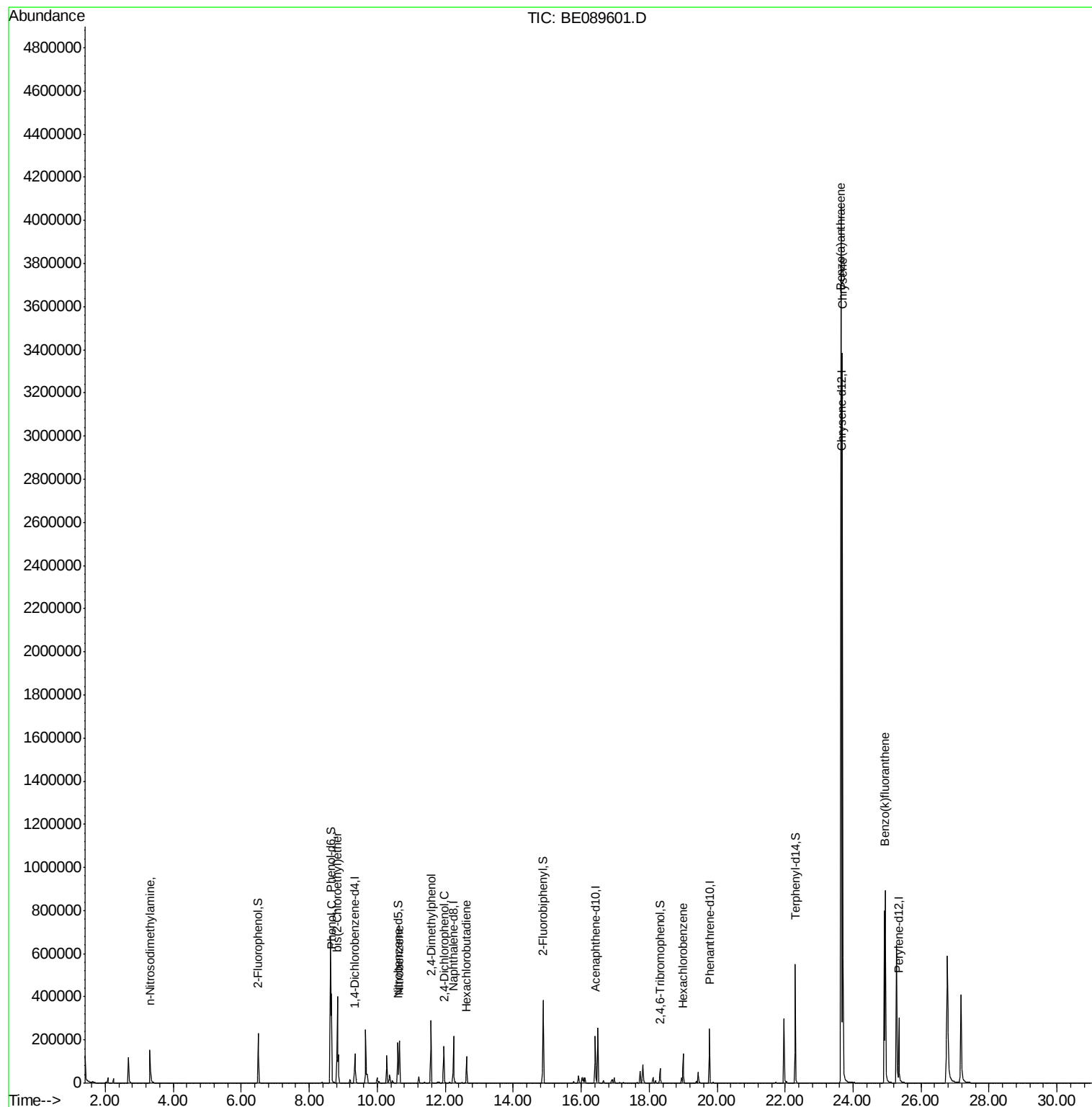
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	65223	5.00	ng	0.00
7) Naphthalene-d8	12.24	136	262481	5.00	ng	0.00
13) Acenaphthene-d10	16.42	164	134173	5.00	ng	0.00
17) Phenanthrene-d10	19.77	188	260298	5.00	ng	0.00
20) Chrysene-d12	23.66	240	300108	5.00	ng	0.00
27) Perylene-d12	25.34	264	248515	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.50	112	176893	9.70	ng	0.00
4) Phenol-d6	8.62	99	234010	9.59	ng	0.00
8) Nitrobenzene-d5	10.61	82	147079	13.59	ng	0.00
14) 2,4,6-Tribromophenol	18.32	330	39950	14.38	ng	0.00
15) 2-Fluorobiphenyl	14.88	172	348435	9.66	ng	0.00
22) Terphenyl-d14	22.30	244	429705	10.57	ng	0.00
Target Compounds						
2) n-Nitrosodimethylamine	3.32	42	85602	9.15	ng	Qvalue # 77
5) Phenol	8.65	94	247535	9.45	ng	85
6) bis(2-Chloroethyl)ether	8.83	93	188980	9.41	ng	# 99
9) Nitrobenzene	10.65	77	175861	13.69	ng	96
10) 2,4-Dimethylphenol	11.58	122	154681	10.45	ng	97
11) 2,4-Dichlorophenol	11.96	162	131615	11.31	ng	99
12) Hexachlorobutadiene	12.63	225	79310	9.85	ng	99
18) Hexachlorobenzene	19.00	284	111624	10.17	ng	90
23) Benzo(a)anthracene	23.64	228	2987138	10.60	ng	97
25) Chrysene	23.69	228	2780943	9.60	ng	93
29) Benzo(k)fluoranthene	24.95	252	784435	11.76	ng	98

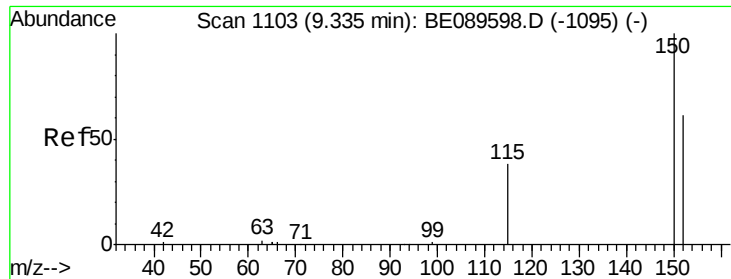
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.34 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

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LabSampleId :

SSTDICC010

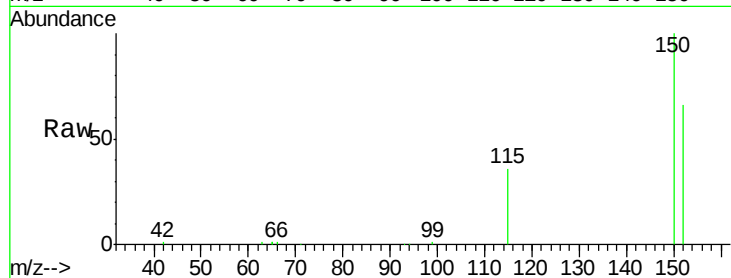
Tgt Ion:152 Resp: 65223

Ion Ratio Lower Upper

152 100

150 152.3 130.7 196.1

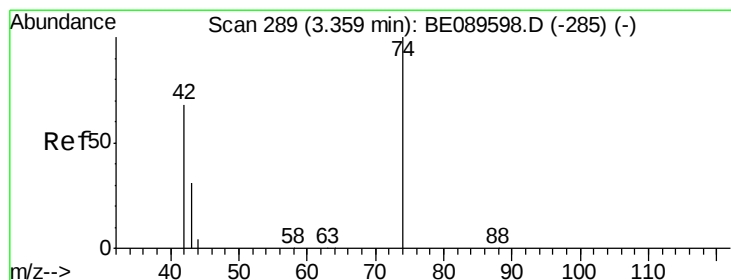
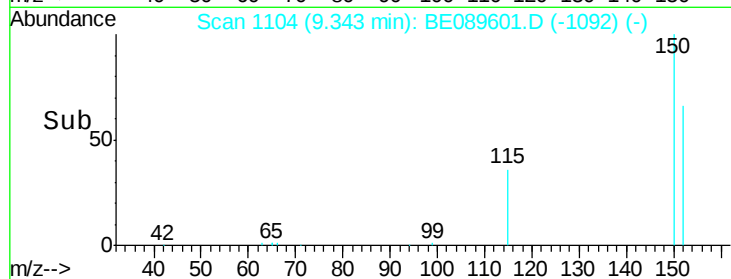
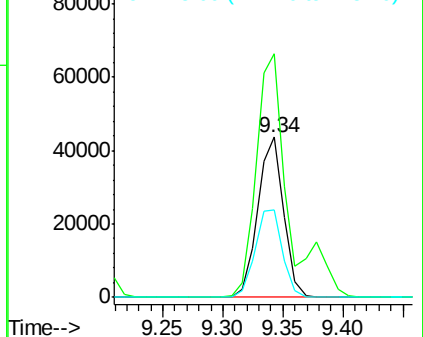
115 55.1 49.6 74.4



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

n-Nitrosodimethylamine

Concen: 9.15 ng

RT: 3.32 min Scan# 283

Delta R.T. -0.04 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

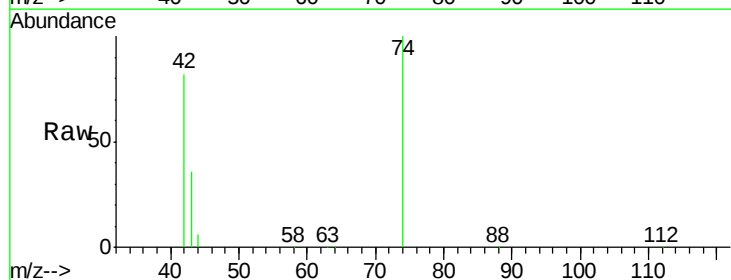
Tgt Ion: 42 Resp: 85602

Ion Ratio Lower Upper

42 100

74 122.0 114.6 171.8

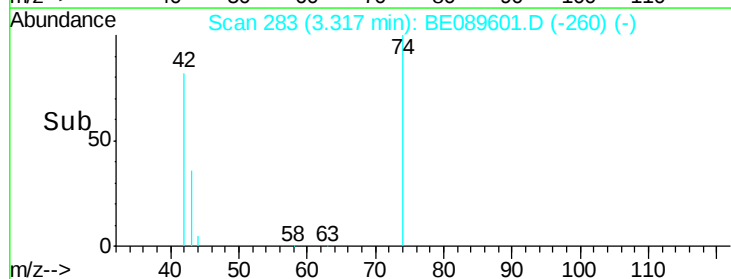
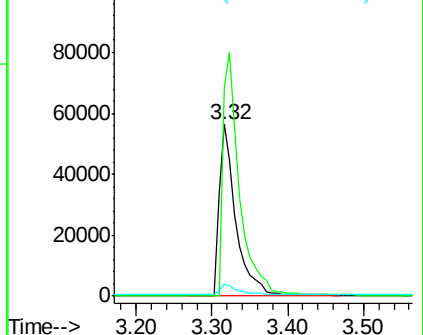
44 6.8 27.5 41.3#

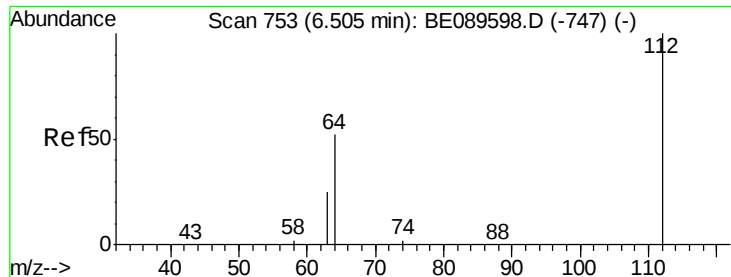


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

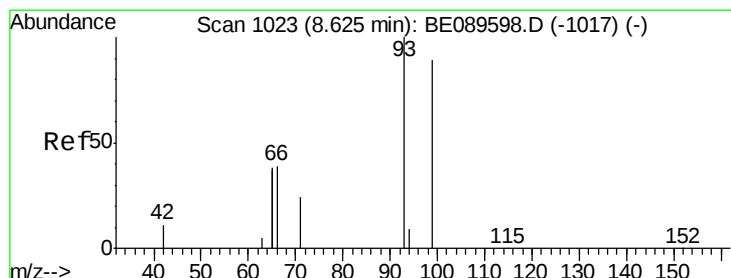
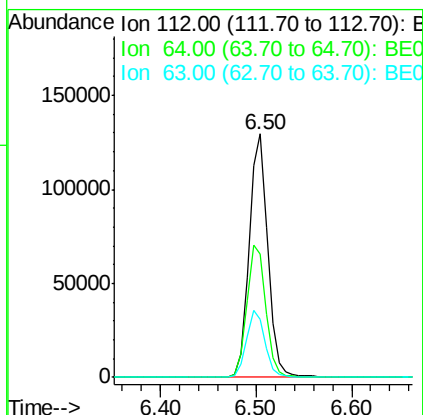
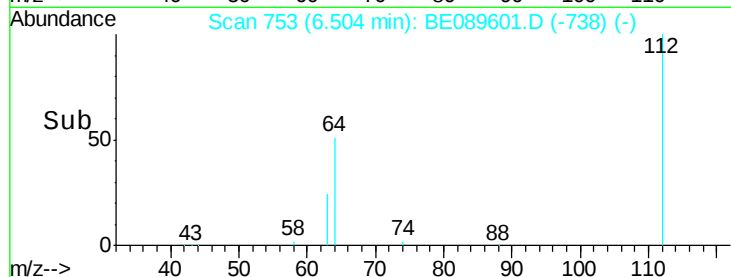
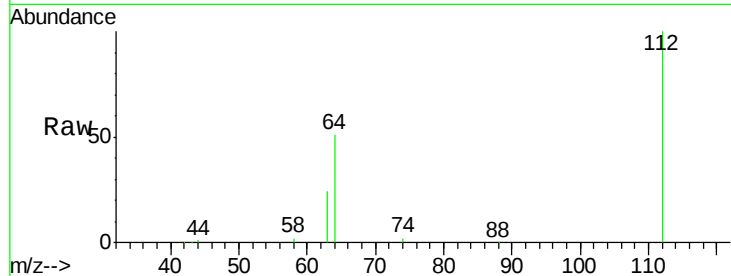




#3
2-Fluorophenol
Concen: 9.70 ng
RT: 6.50 min Scan# 753
Delta R.T. -0.00 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

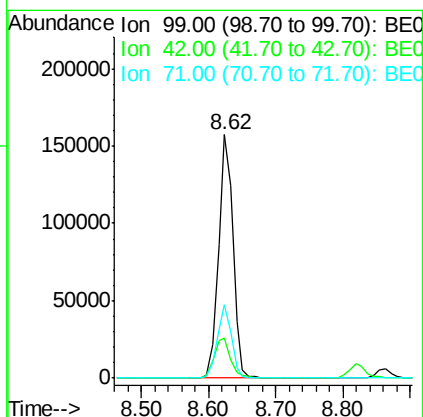
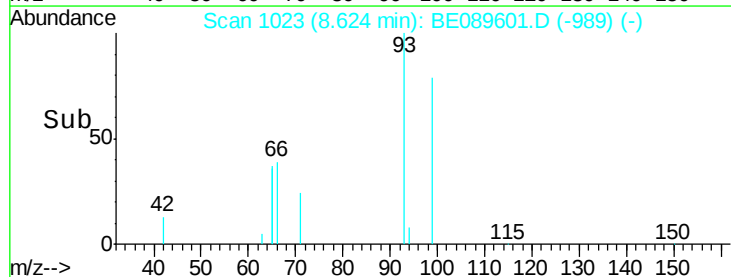
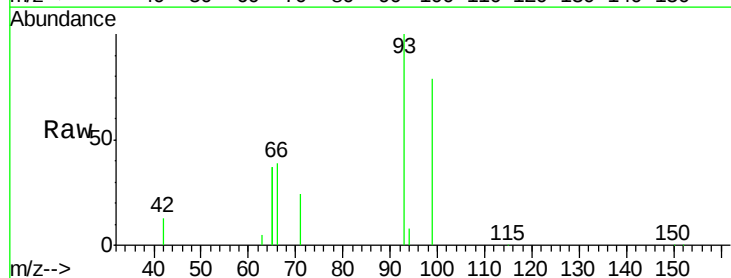
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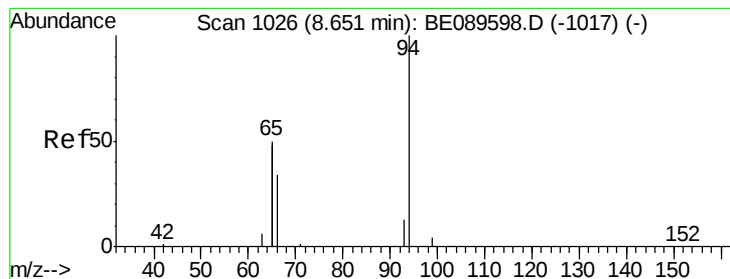
Tgt Ion: 112 Resp: 176893
Ion Ratio Lower Upper
112 100
64 50.8 41.7 62.5
63 24.1 20.3 30.5



#4
Phenol-d6
Concen: 9.59 ng
RT: 8.62 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

Tgt Ion: 99 Resp: 234010
Ion Ratio Lower Upper
99 100
42 16.5 10.8 16.2#
71 30.0 21.8 32.6





#5

Phenol

Concen: 9.45 ng

RT: 8.65 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

Instrument :

BNA_E

LabSampleId :

SSTDICC010

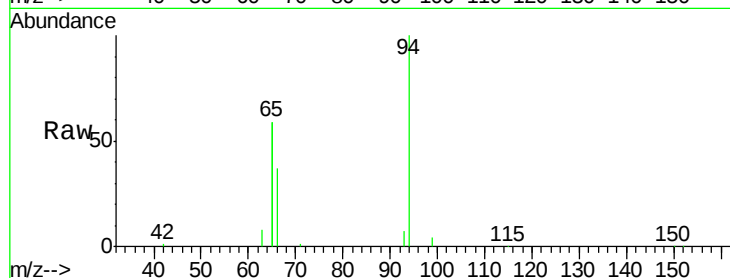
Tgt Ion: 94 Resp: 247535

Ion Ratio Lower Upper

94 100

65 117.1 78.6 118.6

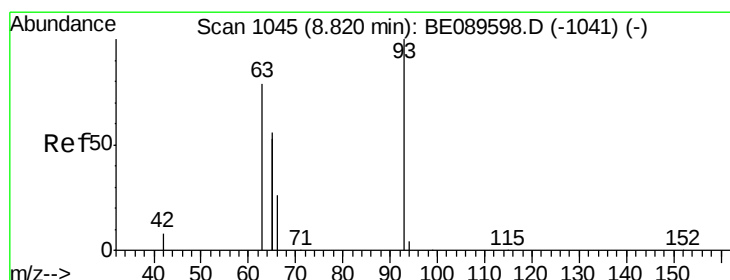
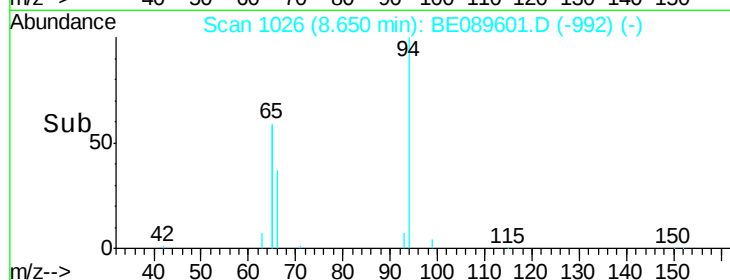
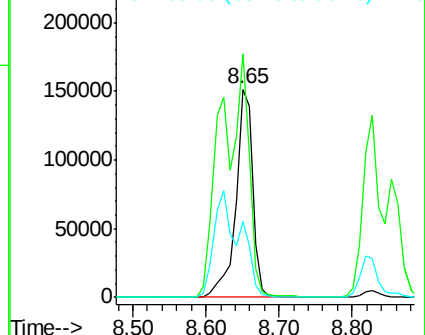
66 36.7 14.0 54.0



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

bis(2-Chloroethyl)ether

Concen: 9.41 ng

RT: 8.83 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

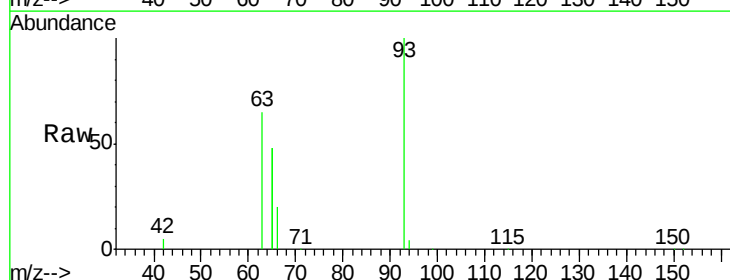
Tgt Ion: 93 Resp: 188980

Ion Ratio Lower Upper

93 100

63 94.1 74.6 112.0

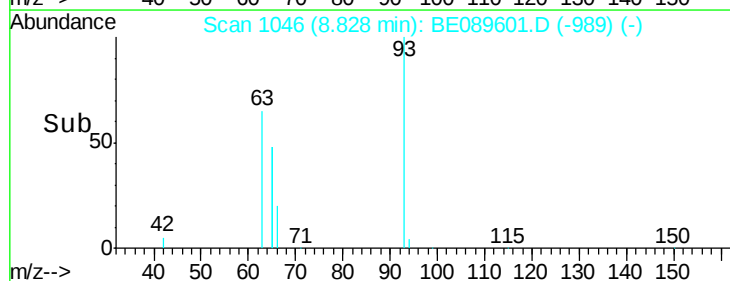
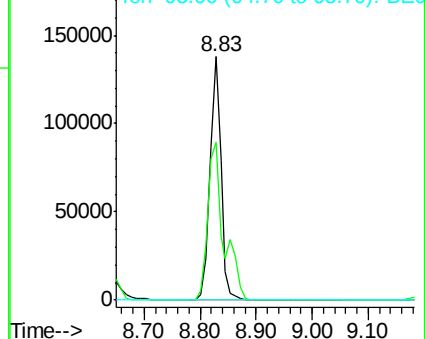
95 0.0 0.0 0.0

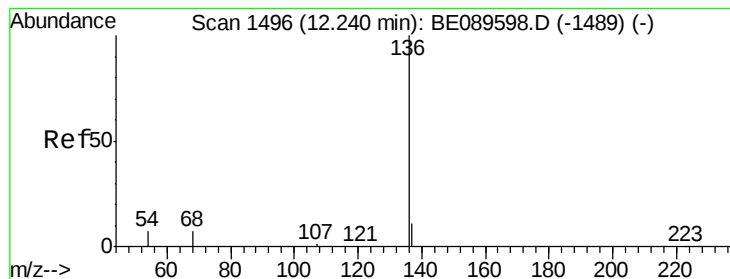


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.24 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

Instrument :

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LabSampleId :

SSTDIC010

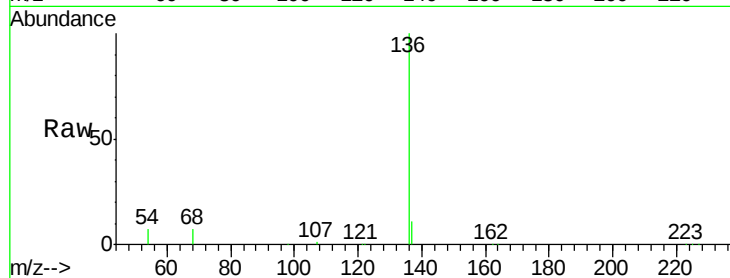
Tgt Ion:136 Resp: 262481

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

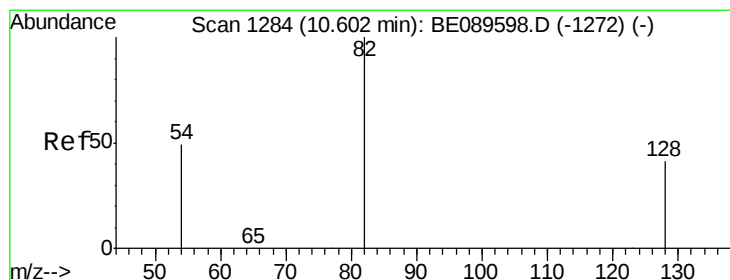
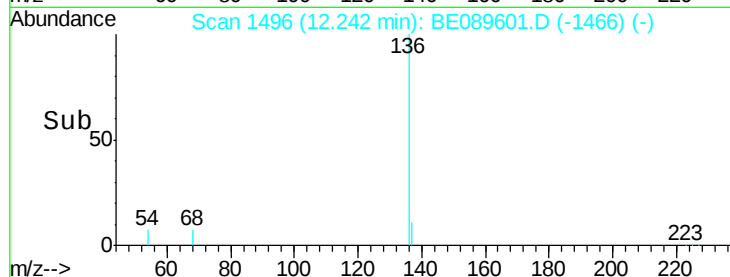
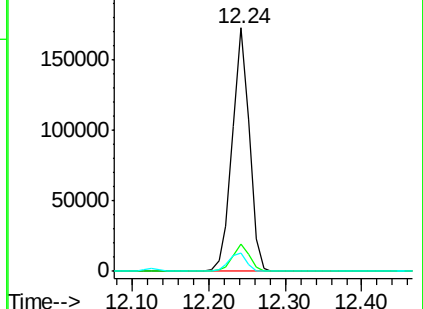
54 7.4 5.7 8.5



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



#8

Nitrobenzene-d5

Concen: 13.59 ng

RT: 10.61 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

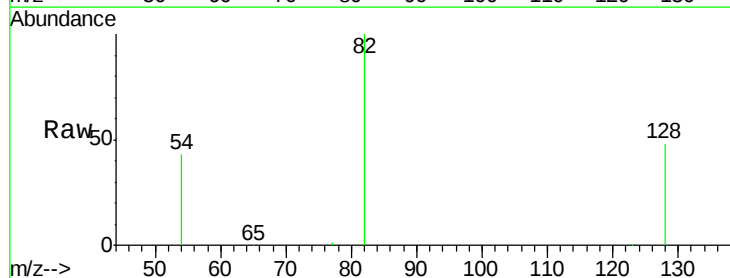
Tgt Ion: 82 Resp: 147079

Ion Ratio Lower Upper

82 100

128 47.8 33.2 49.8

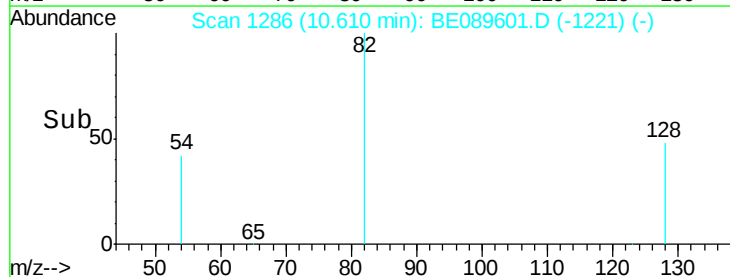
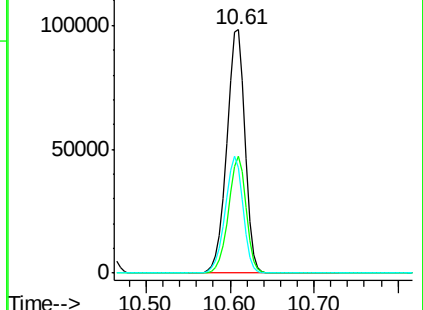
54 43.4 39.6 59.4

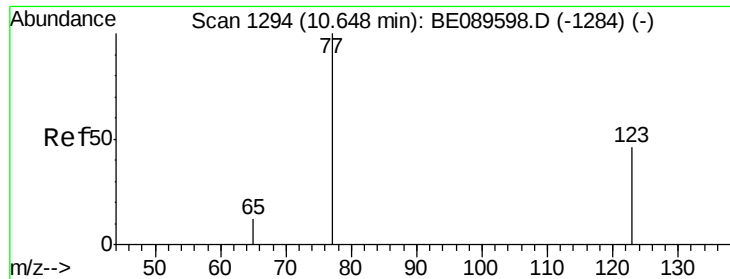


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 13.69 ng

RT: 10.65 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

Instrument :

BNA_E

LabSampleId :

SSTDIC010

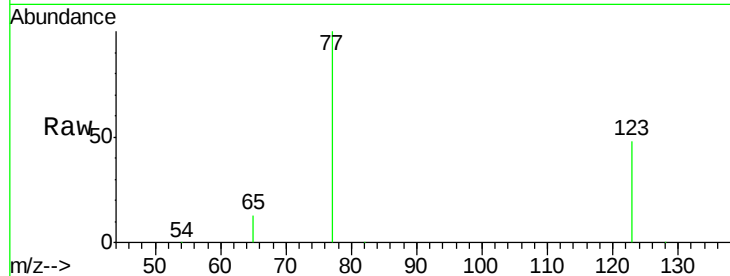
Tgt Ion: 77 Resp: 175861

Ion Ratio Lower Upper

77 100

123 48.5 36.5 54.7

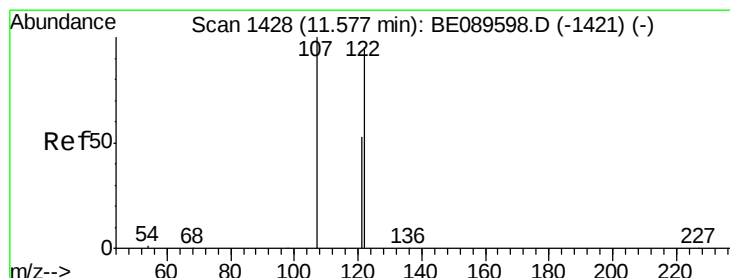
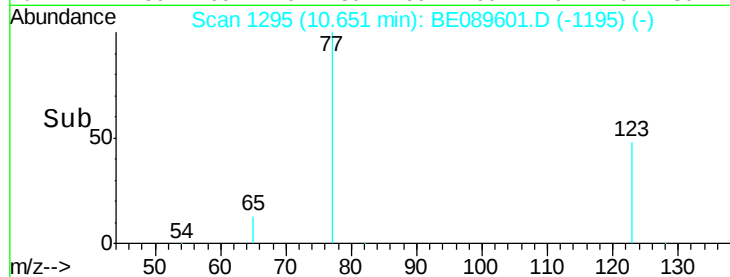
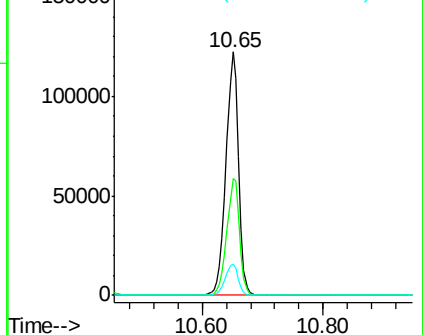
65 13.1 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

2,4-Dimethylphenol

Concen: 10.45 ng

RT: 11.58 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

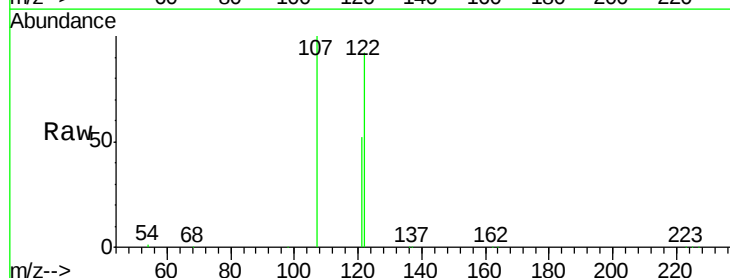
Tgt Ion: 122 Resp: 154681

Ion Ratio Lower Upper

122 100

107 109.0 83.9 125.9

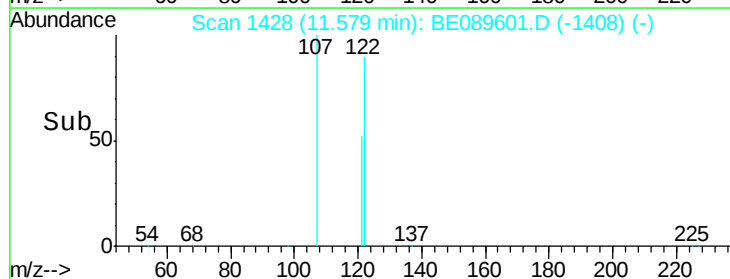
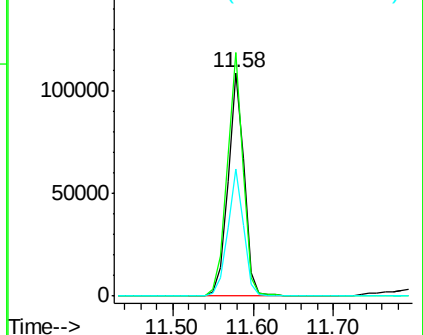
121 56.7 44.9 67.3

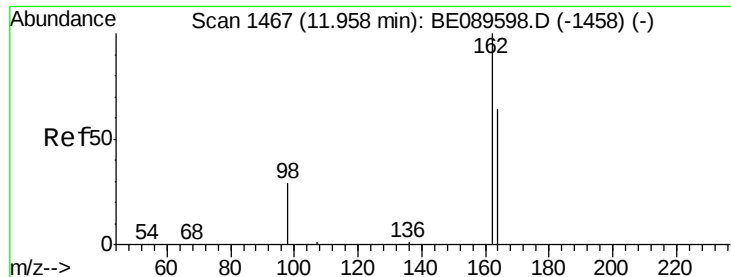


Abundance Ion 122.00 (121.70 to 122.70): BE0

Ion 107.00 (106.70 to 107.70): BE0

Ion 121.00 (120.70 to 121.70): BE0

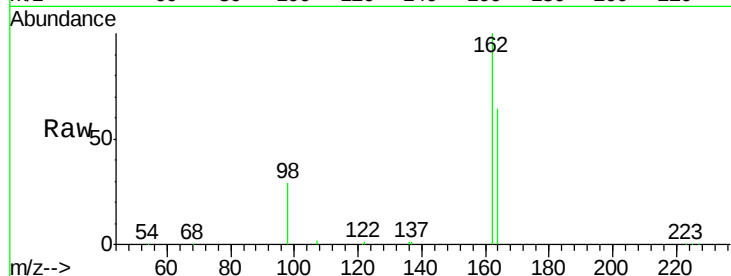




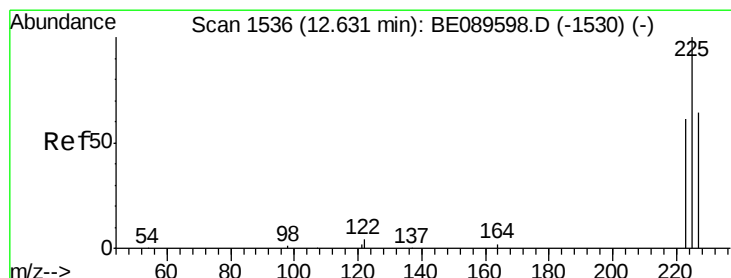
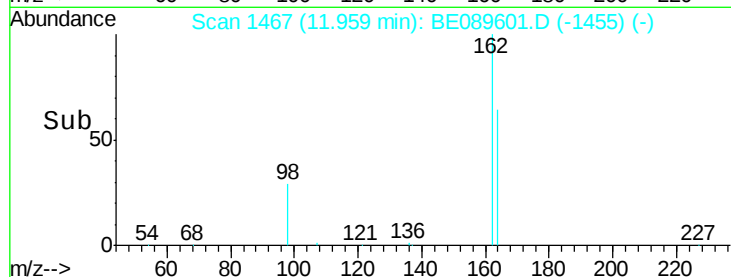
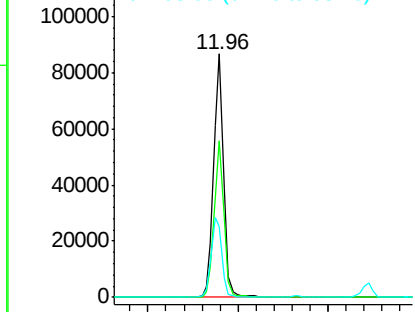
#11
2,4-Dichlorophenol
Concen: 11.31 ng
RT: 11.96 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

Instrument :
BNA_E
LabSampleId :
SSTDIC010

Tgt Ion:162 Resp: 131615
Ion Ratio Lower Upper
162 100
164 64.4 44.7 84.7
98 29.0 10.3 50.3

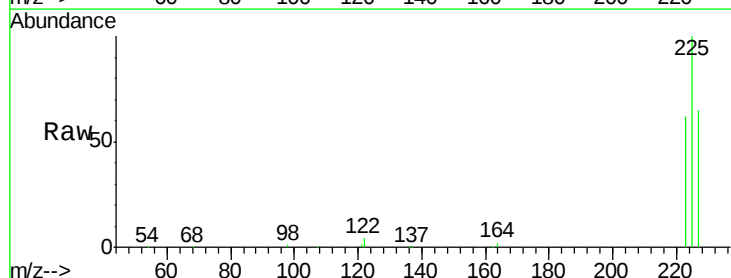


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BE0

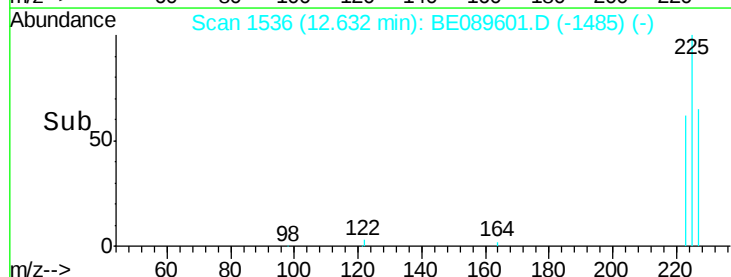
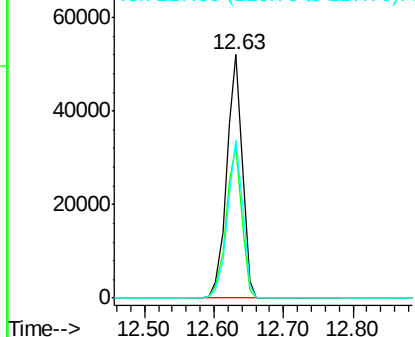


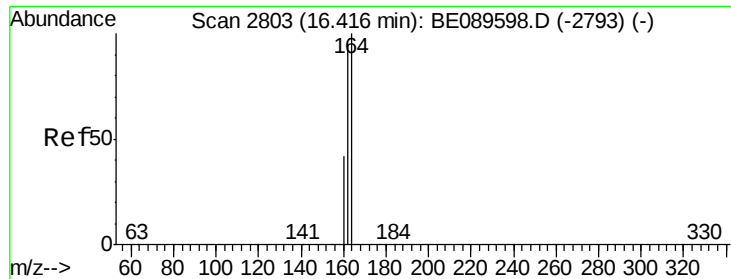
#12
Hexachlorobutadiene
Concen: 9.85 ng
RT: 12.63 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

Tgt Ion:225 Resp: 79310
Ion Ratio Lower Upper
225 100
223 63.0 50.3 75.5
227 63.9 50.6 75.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

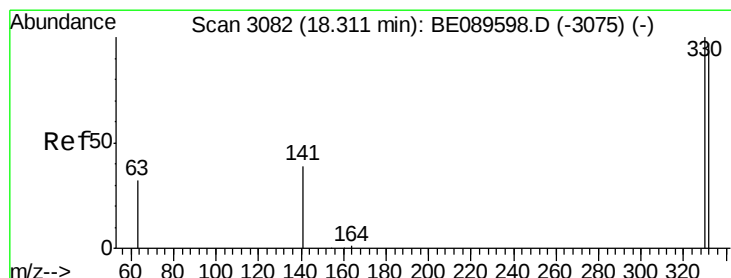
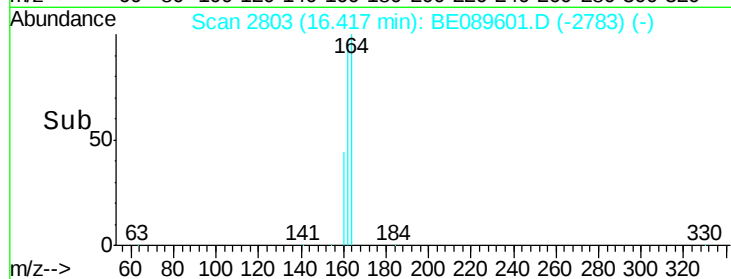
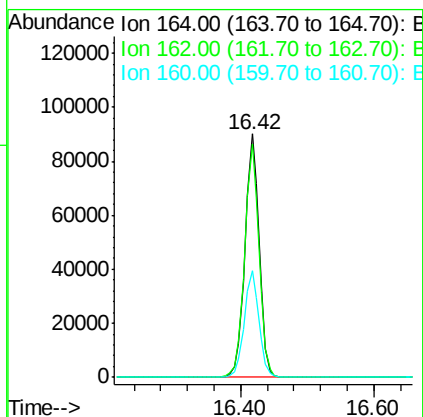
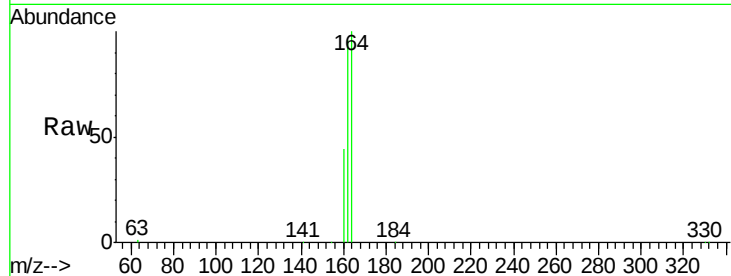




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

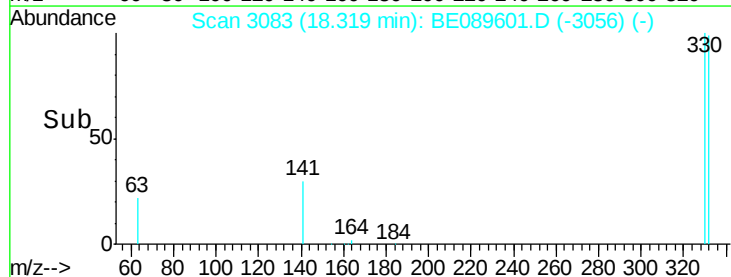
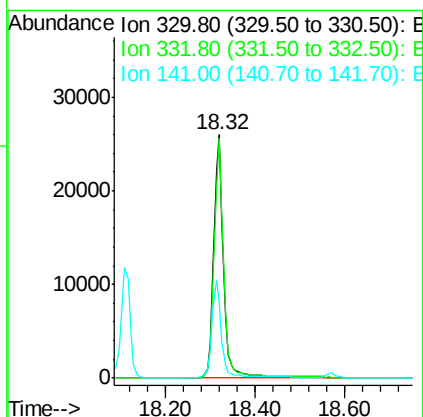
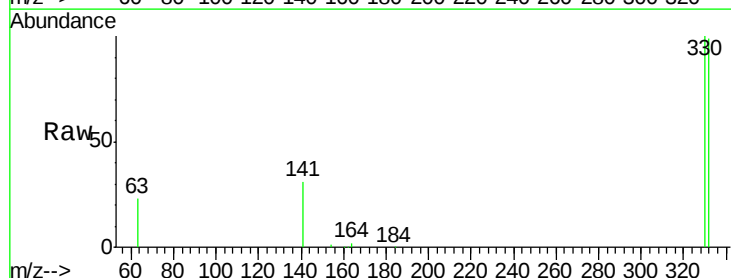
Instrument :
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LabSampleId :
SSTDIC010

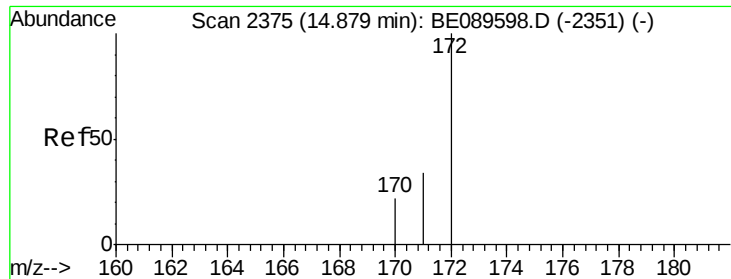
Tgt Ion:164 Resp: 134173
Ion Ratio Lower Upper
164 100
162 95.9 76.3 114.5
160 43.6 33.9 50.9



#14
2,4,6-Tribromophenol
Concen: 14.38 ng
RT: 18.32 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

Tgt Ion:330 Resp: 39950
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 39.3 30.1 45.1

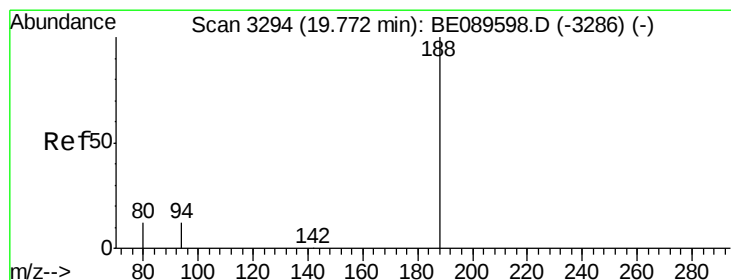
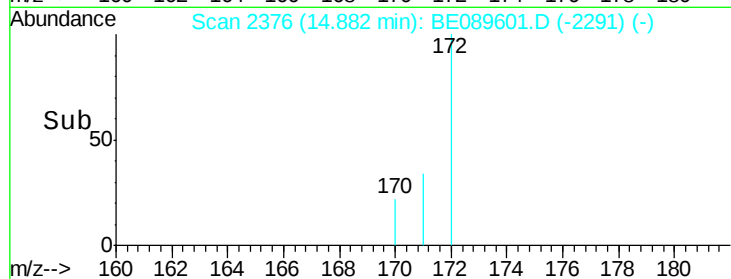
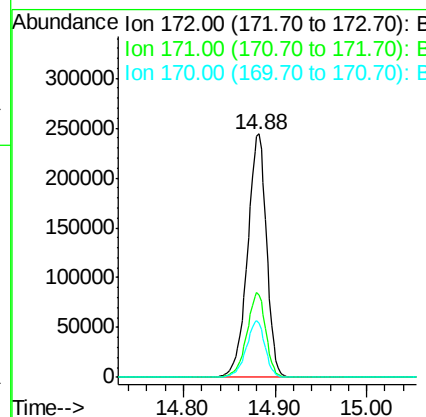
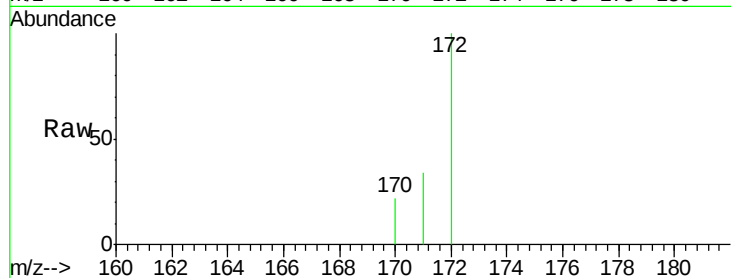




#15
2-Fluorobiphenyl
Concen: 9.66 ng
RT: 14.88 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

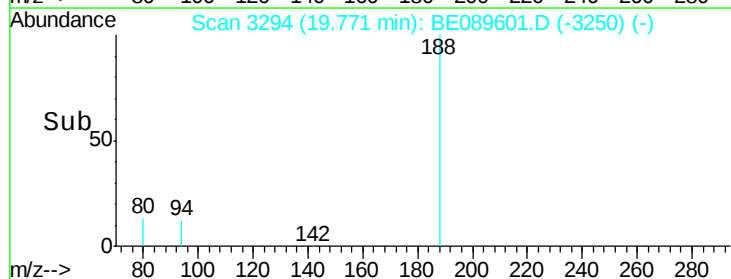
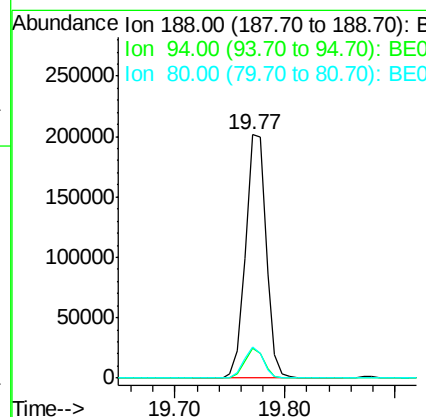
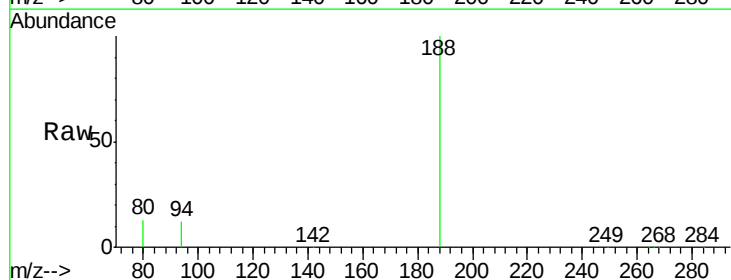
Instrument :
BNA_E
LabSampleId :
SSTDIC010

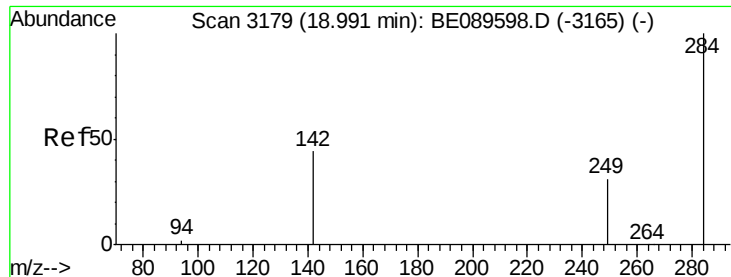
Tgt Ion:172 Resp: 348435
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 22.0 17.9 26.9



#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3294
Delta R.T. -0.00 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

Tgt Ion:188 Resp: 260298
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.8 9.8 14.8

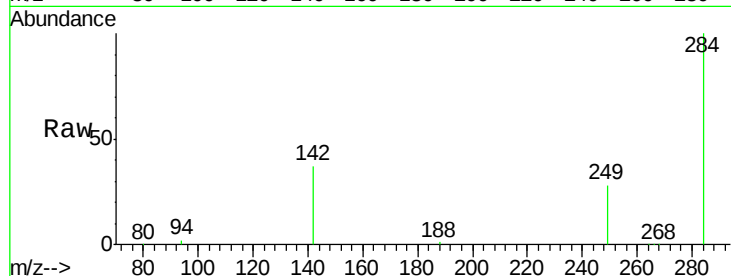




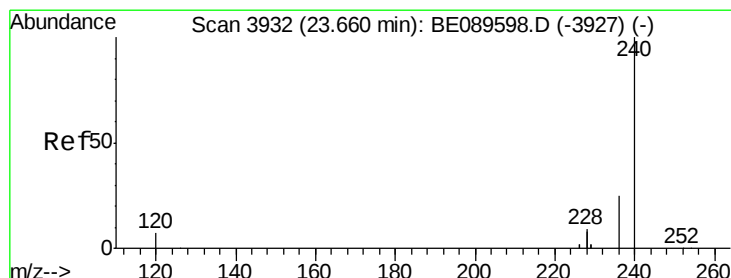
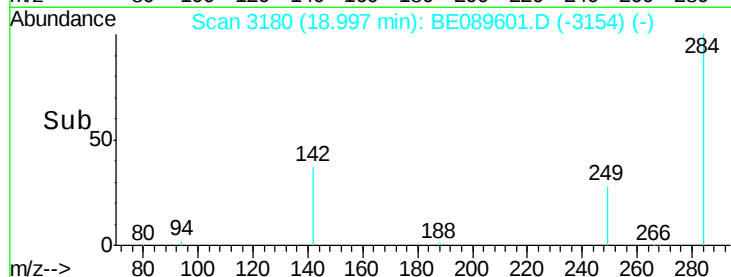
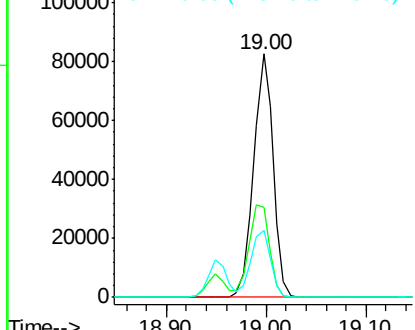
#18
Hexachlorobenzene
Concen: 10.17 ng
RT: 19.00 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

Instrument :
BNA_E
LabSampleId :
SSTDIC010

Tgt Ion: 284 Resp: 111624
Ion Ratio Lower Upper
284 100
142 36.8 35.6 53.4
249 27.7 25.2 37.8

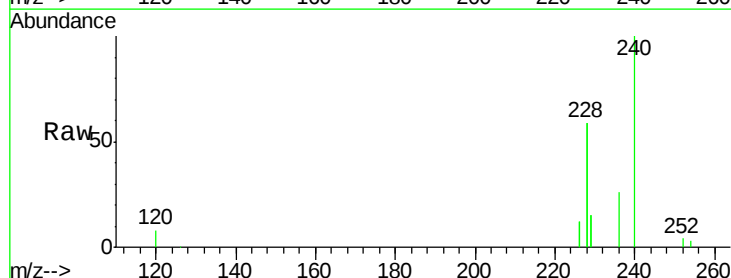


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

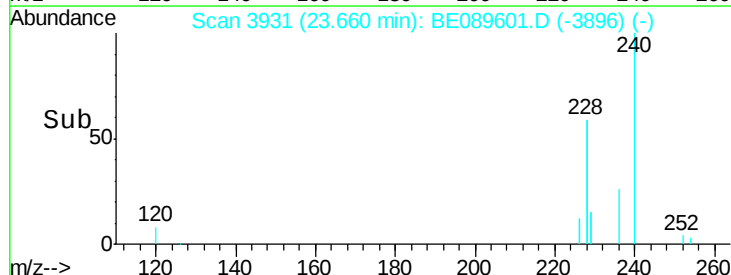
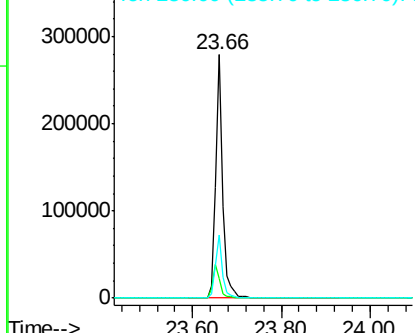


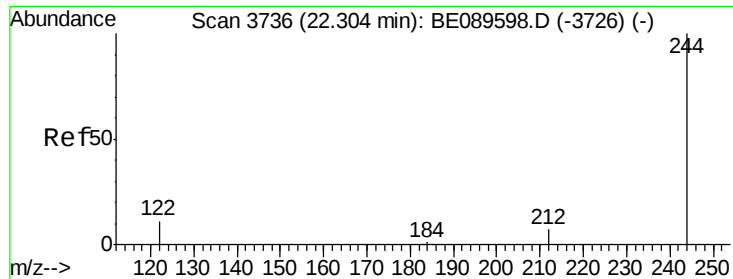
#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3931
Delta R.T. 0.00 min
Lab File: BE089601.D
Acq: 17 Feb 2015 19:03

Tgt Ion: 240 Resp: 300108
Ion Ratio Lower Upper
240 100
120 8.2 5.4 8.0#
236 26.1 19.8 29.6



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





#22

Terphenyl-d14

Concen: 10.57 ng

RT: 22.30 min Scan# 3735

Delta R.T. -0.00 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

Instrument :

BNA_E

LabSampleId :

SSTDICC010

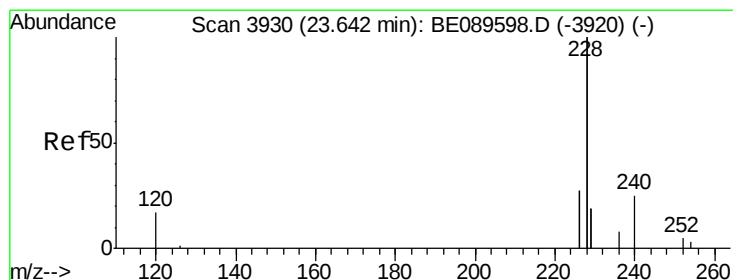
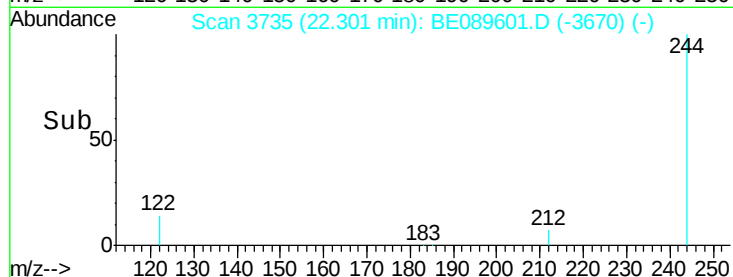
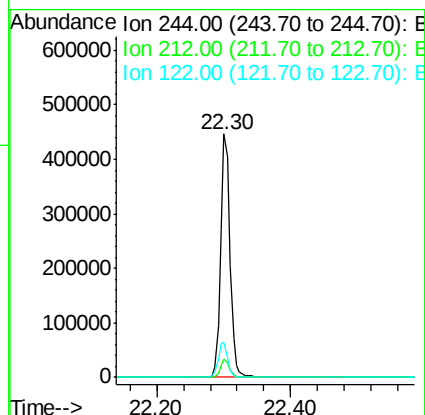
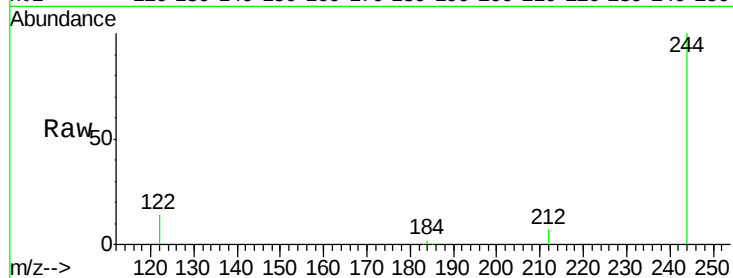
Tgt Ion:244 Resp: 429705

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 14.2 8.6 13.0#



#23

Benzo(a)anthracene

Concen: 10.60 ng

RT: 23.64 min Scan# 3929

Delta R.T. 0.00 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

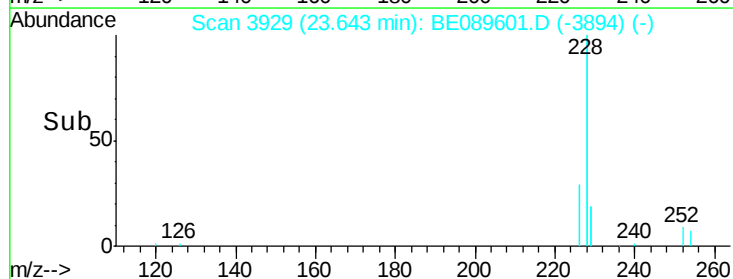
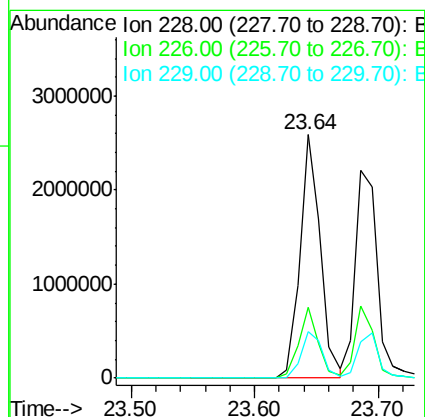
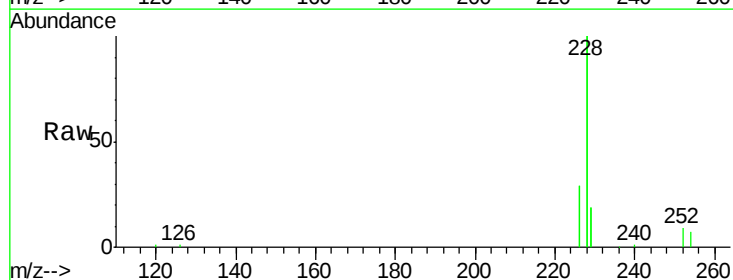
Tgt Ion:228 Resp: 2987138

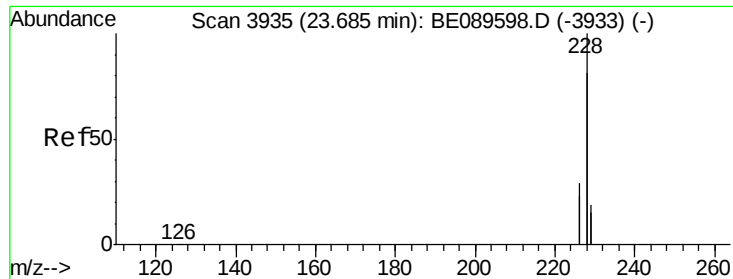
Ion Ratio Lower Upper

228 100

226 29.1 21.5 32.3

229 19.2 15.0 22.6





#25

Chrysene

Concen: 9.60 ng

RT: 23.69 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

Instrument :

BNA_E

LabSampleId :

SSTDIC010

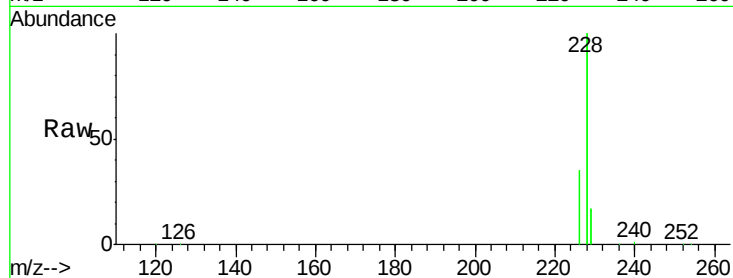
Tgt Ion:228 Resp: 2780943

Ion Ratio Lower Upper

228 100

226 34.6 23.4 35.2

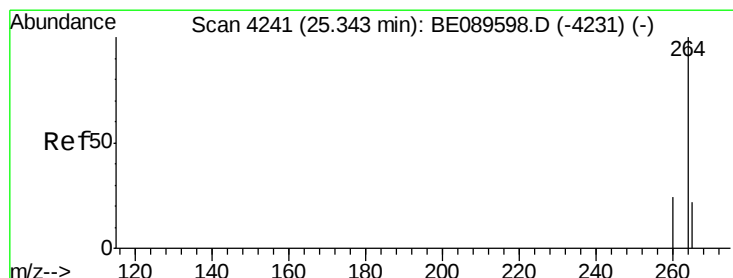
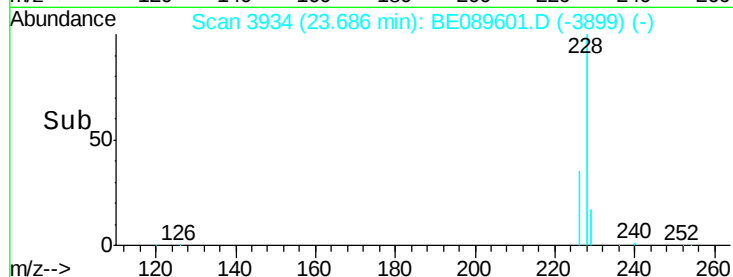
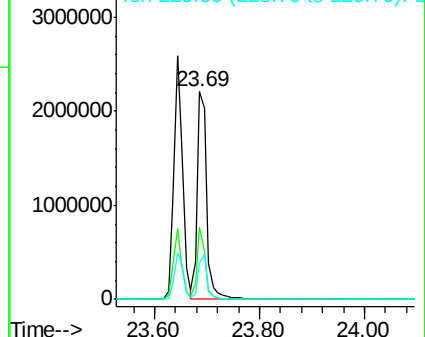
229 17.5 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#27

Perylene-d12

Concen: 5.00 ng

RT: 25.34 min Scan# 4240

Delta R.T. 0.00 min

Lab File: BE089601.D

Acq: 17 Feb 2015 19:03

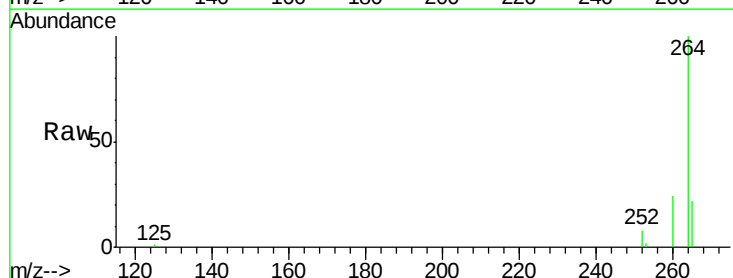
Tgt Ion:264 Resp: 248515

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

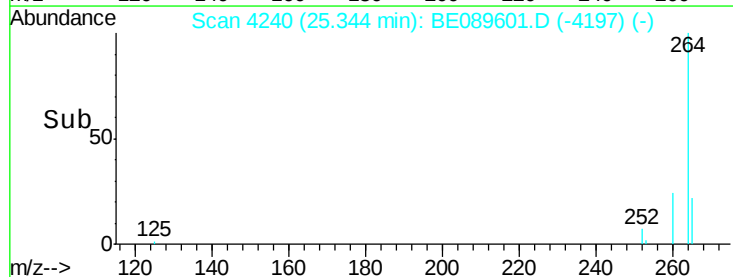
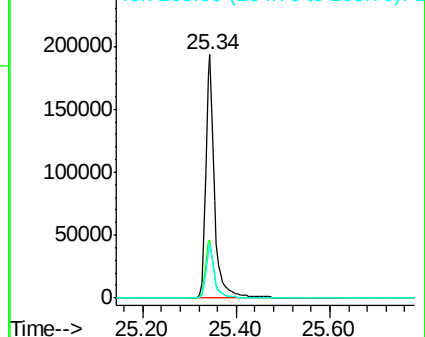
265 22.3 17.8 26.8

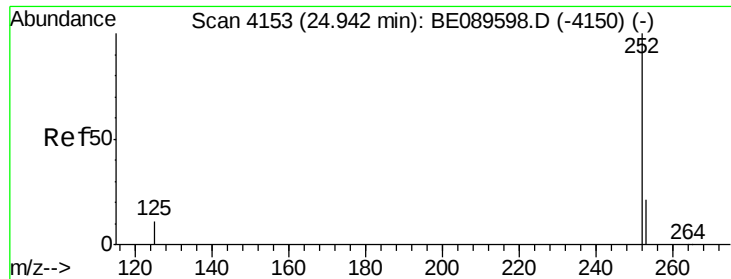


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#29

Benzo(k)fluoranthene

Concen: 11.76 ng

RT: 24.95 min Scan# 4153

Delta R.T. 0.01 min

Lab File: BE089601.D

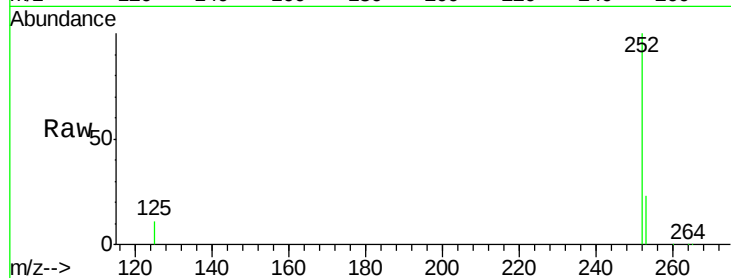
Acq: 17 Feb 2015 19:03

Instrument :

BNA_E

LabSampleId :

SSTDIC010



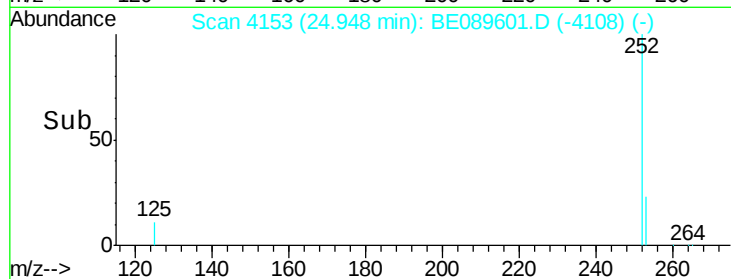
Tgt Ion: 252 Resp: 784435

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 11.4 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

