

Data Path : Z:\HPCHEM1\BNA_E\Data\BE090216\
 Data File : BE092343.D
 Acq On : 2 Sep 2016 14:58
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Sep 02 16:26:38 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 16:14:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	8915	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	42301	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	26215	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	66484	5.00	ng	0.00
24) Chrysene-d12	21.72	240	78452	5.00	ng	-0.02
31) Perylene-d12	24.09	264	89469	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	381	0.16	ng	0.00
5) Phenol-d6	7.36	99	539	0.16	ng	0.00
8) Nitrobenzene-d5	9.36	82	604	0.20	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	144	0.14	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	1619	0.20	ng	0.01
26) Terphenyl-d14	20.17	244	2524	0.23	ng	0.00

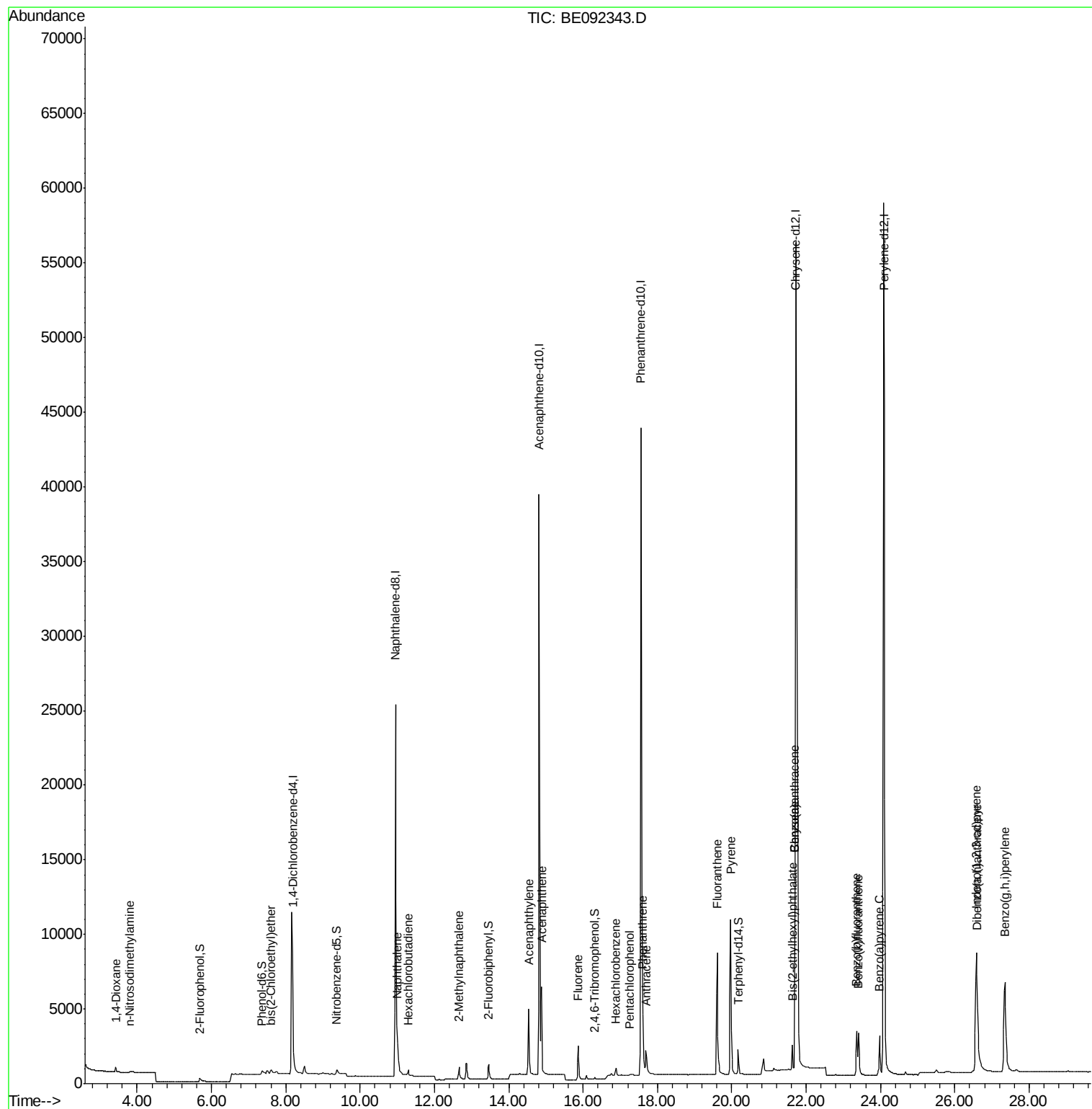
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	275	0.22	ng	98
3) n-Nitrosodimethylamine	3.80	42	190	0.14	ng	# 2
6) bis(2-Chloroethyl)ether	7.61	93	408	0.16	ng	# 5
9) Naphthalene	11.01	128	1949	0.21	ng	94
10) Hexachlorobutadiene	11.30	225	315	0.21	ng	100
11) 2-Methylnaphthalene	12.66	142	1193	0.19	ng	97
15) Acenaphthylene	14.54	152	8769	0.19	ng	100
16) Acenaphthene	14.88	154	1551	0.21	ng	97
17) Fluorene	15.87	166	1826	0.20	ng	99
19) Hexachlorobenzene	16.89	284	592	0.20	ng	# 64
20) Pentachlorophenol	17.26	266	90	0.10	ng	88
21) Phenanthrene	17.60	178	3642	0.23	ng	# 99
22) Anthracene	17.69	178	2838	0.18	ng	100
23) Fluoranthene	19.61	202	15214	0.19	ng	99
25) Pyrene	19.97	202	16120	0.23	ng	99
27) Benzo(a)anthracene	21.70	228	20304	0.23	ng	# 82
28) Chrysene	21.70	228	20304	0.28	ng	96
29) Bis(2-ethylhexyl)phthalate	21.63	149	2013	0.24	ng	# 69
30) Indeno(1,2,3-cd)pyrene	26.58	276	19540	0.23	ng	99
32) Benzo(b)fluoranthene	23.36	252	4403	0.18	ng	96
33) Benzo(k)fluoranthene	23.41	252	4961	0.21	ng	97
34) Benzo(a)pyrene	23.98	252	4487	0.20	ng	96
35) Dibenzo(a,h)anthracene	26.60	278	3997	0.18	ng	# 94
36) Benzo(g,h,i)perylene	27.35	276	17474	0.20	ng	97

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

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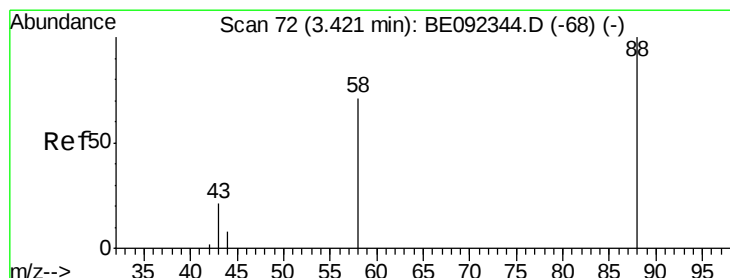
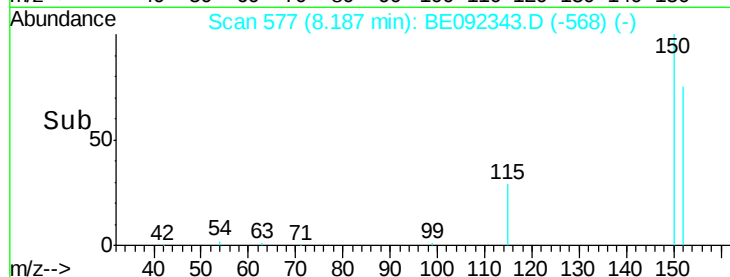
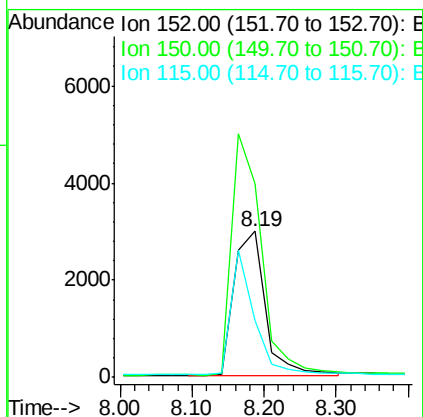
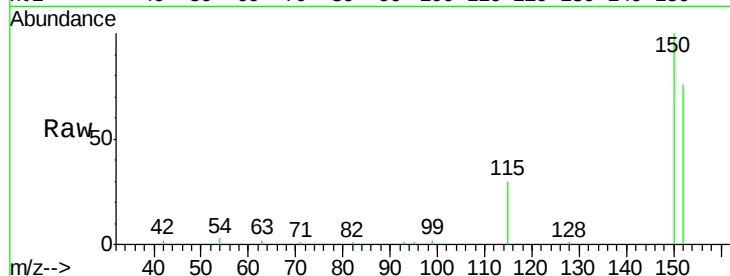


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE092343.D
Acq: 2 Sep 2016 14:58

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

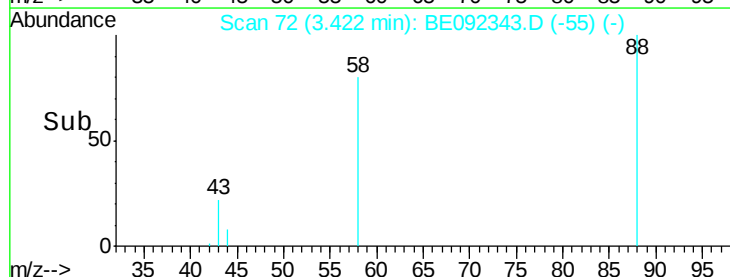
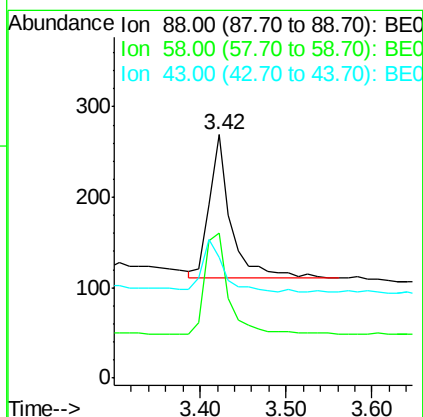
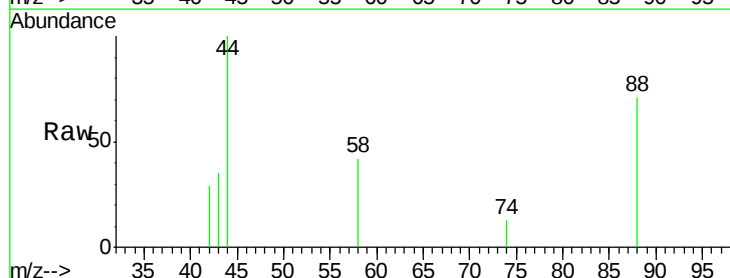
Tgt Ion: 152 Resp: 8915
Ion Ratio Lower Upper
152 100
150 132.3 106.0 159.0
115 39.2 31.2 46.8

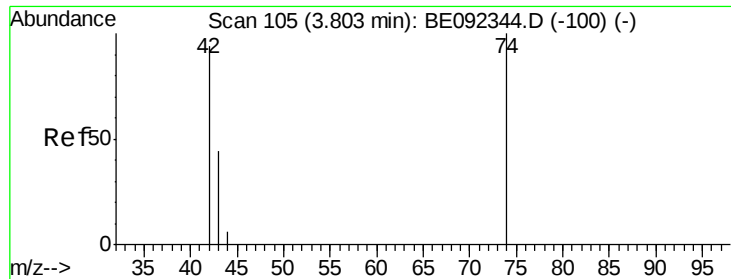


#2

1,4-Dioxane
Concen: 0.22 ng
RT: 3.42 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE092343.D
Acq: 2 Sep 2016 14:58

Tgt Ion: 88 Resp: 275
Ion Ratio Lower Upper
88 100
58 77.5 63.6 95.4
43 34.9 28.0 42.0





#3

n-Nitrosodimethylamine

Concen: 0.14 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

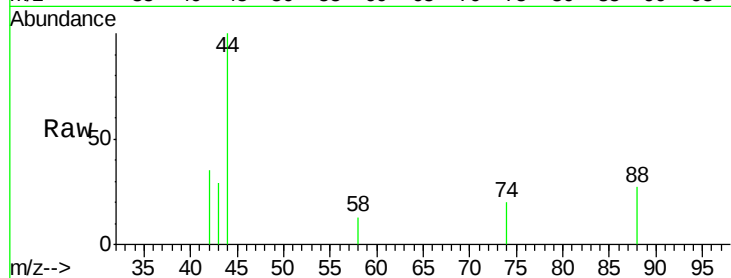
Tgt Ion: 42 Resp: 190

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

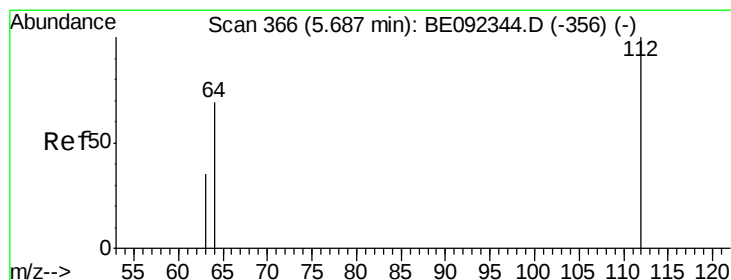
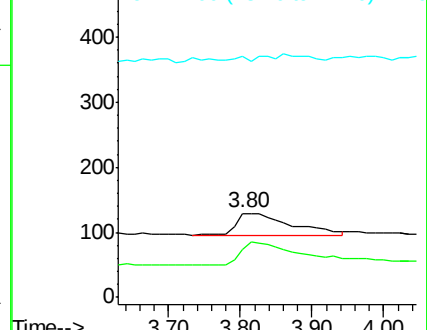
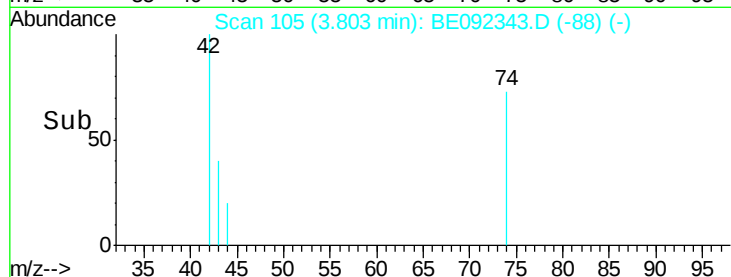
44 4.2 5.1 7.7#



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



#4

2-Fluorophenol

Concen: 0.16 ng

RT: 5.69 min Scan# 366

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

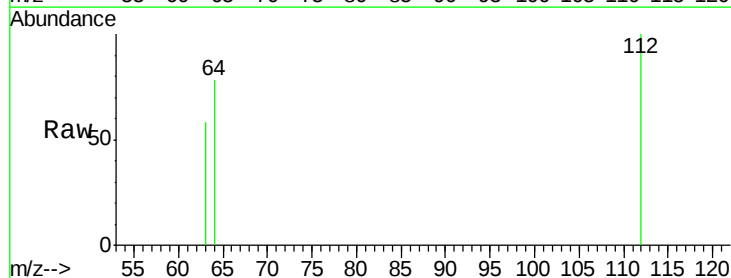
Tgt Ion: 112 Resp: 381

Ion Ratio Lower Upper

112 100

64 66.7 53.5 80.3

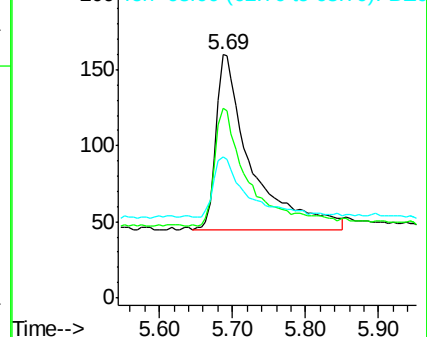
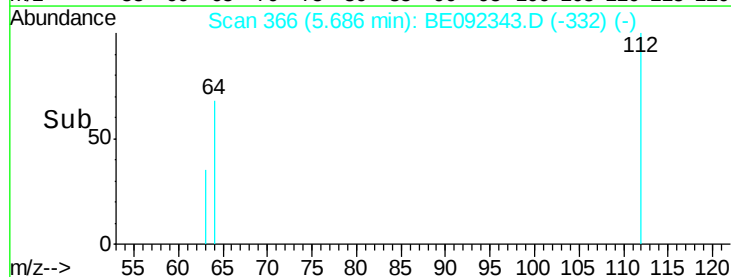
63 32.3 27.9 41.9

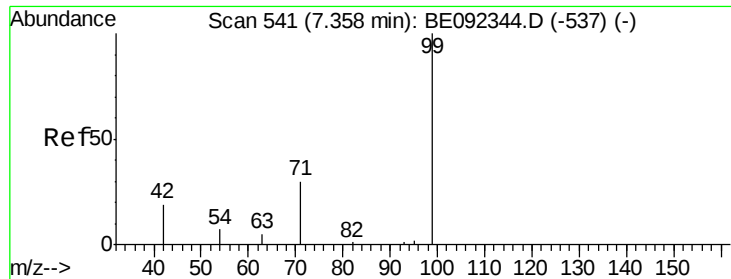


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.16 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

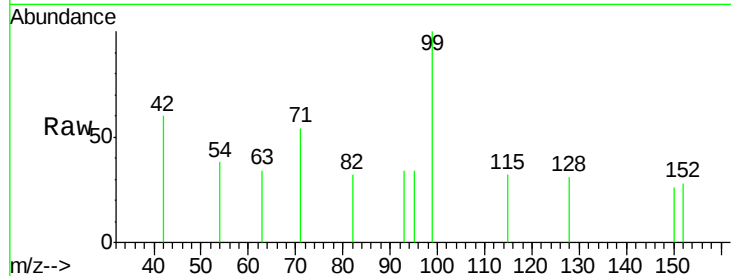
Tgt Ion: 99 Resp: 539

Ion Ratio Lower Upper

99 100

42 23.0 0.0 0.0#

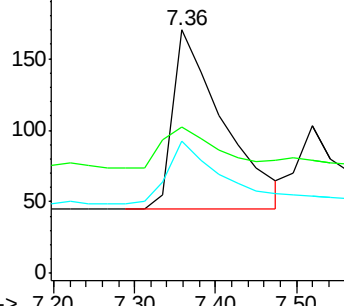
71 35.6 30.6 45.8



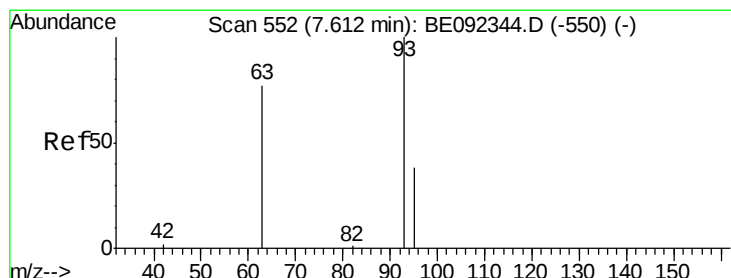
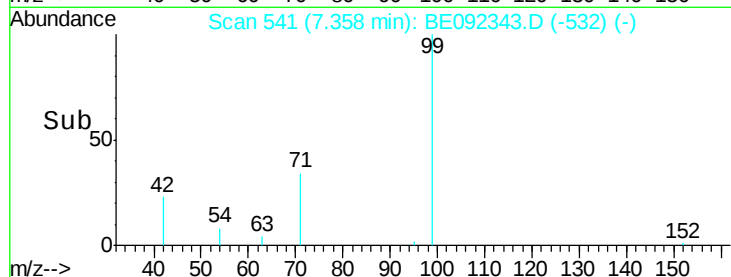
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.16 ng

RT: 7.61 min Scan# 552

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

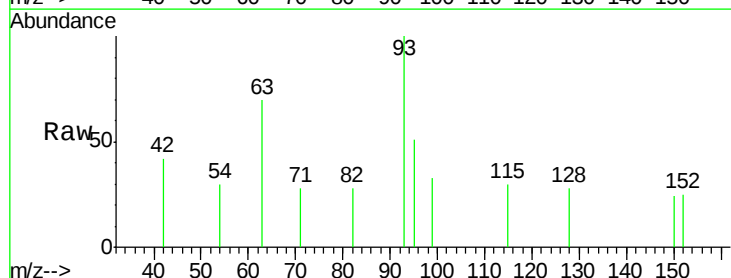
Tgt Ion: 93 Resp: 408

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

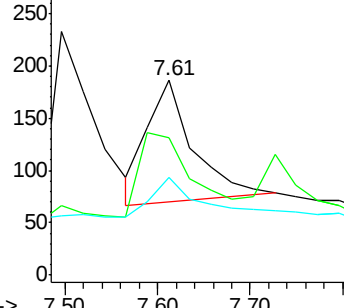
95 34.3 0.0 0.0#



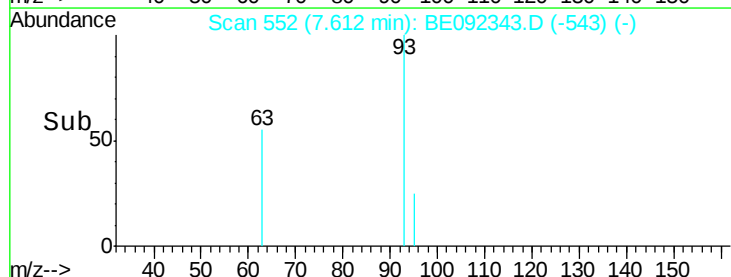
Abundance Ion 93.00 (92.70 to 93.70): BE0

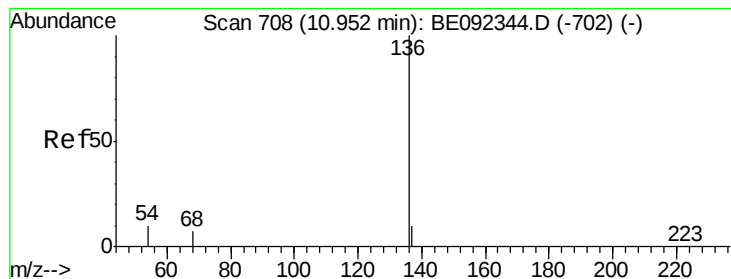
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

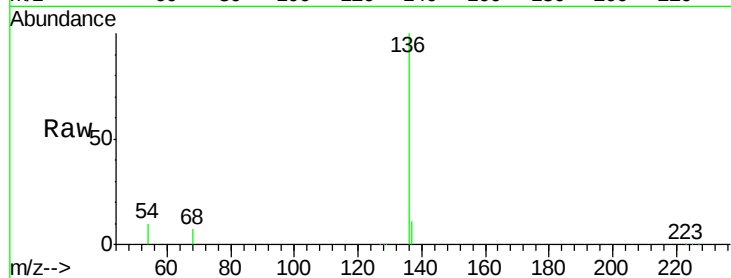
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:	136	Resp:	42301
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	9.6	9.6	14.4#
68	7.0	6.7	10.1

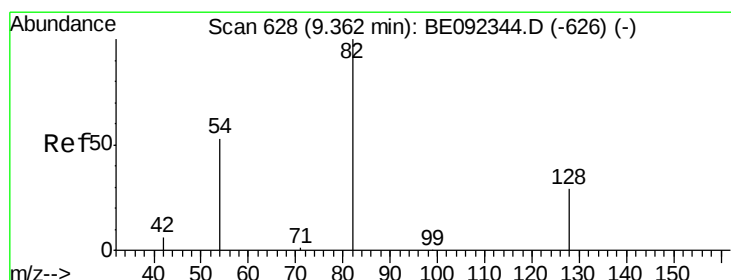
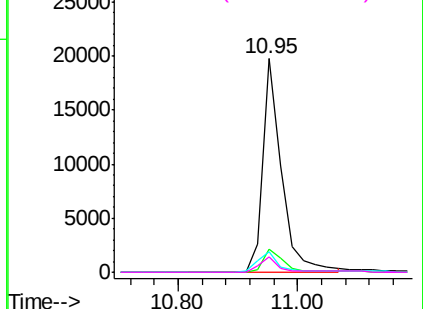
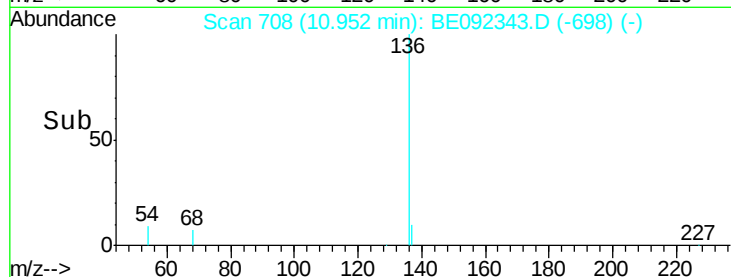


Abundance Ion 136.00 (135.70 to 136.70): BE092343.D (-698) (-)

Ion 137.00 (136.70 to 137.70): BE092343.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BE092343.D (-698) (-)

Ion 68.00 (67.70 to 68.70): BE092343.D (-698) (-)



#8

Nitrobenzene-d5

Concen: 0.20 ng

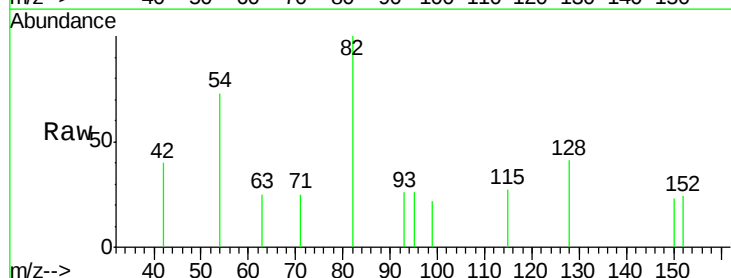
RT: 9.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

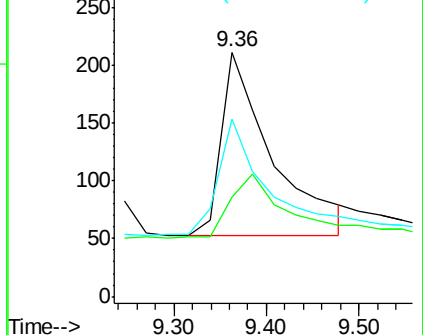
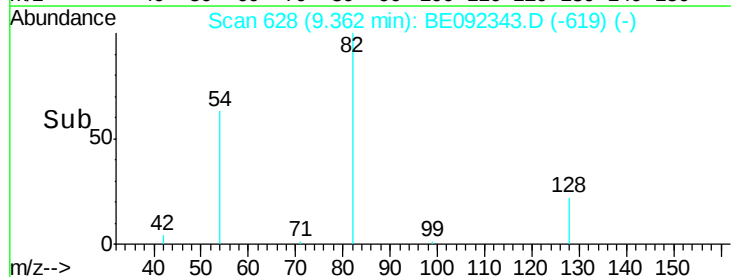
Tgt Ion:	82	Resp:	604
Ion	Ratio	Lower	Upper
82	100		
128	40.8	39.0	58.4
54	72.5	44.8	67.2#

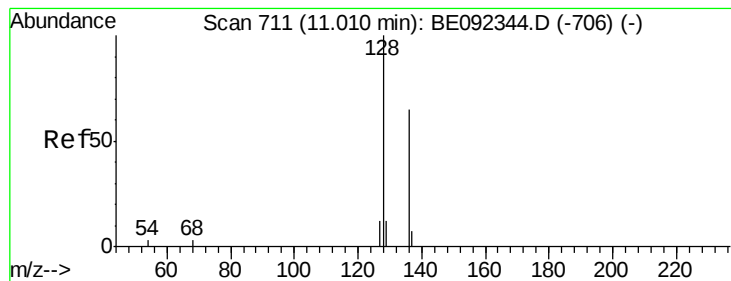


Abundance Ion 82.00 (81.70 to 82.70): BE092343.D (-619) (-)

Ion 128.00 (127.70 to 128.70): BE092343.D (-619) (-)

Ion 54.00 (53.70 to 54.70): BE092343.D (-619) (-)





#9

Naphthalene

Concen: 0.21 ng

RT: 11.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

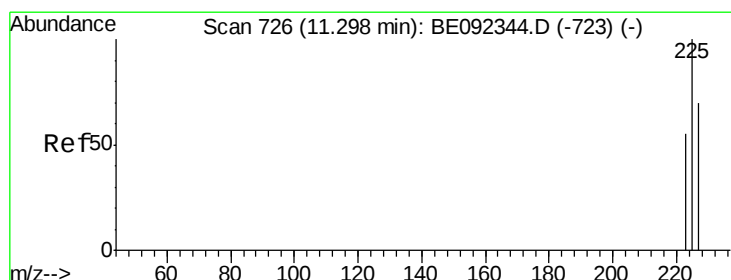
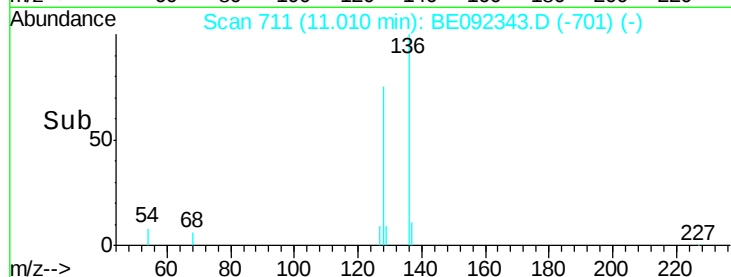
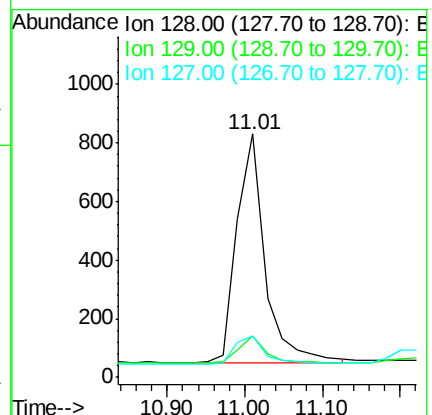
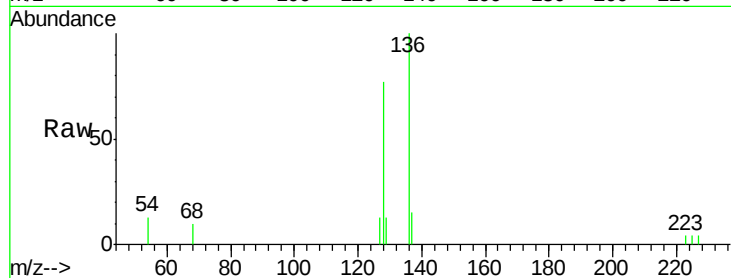
Tgt Ion:128 Resp: 1949

Ion Ratio Lower Upper

128 100

129 16.7 11.2 16.8

127 16.8 11.6 17.4



#10

Hexachlorobutadiene

Concen: 0.21 ng

RT: 11.30 min Scan# 726

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

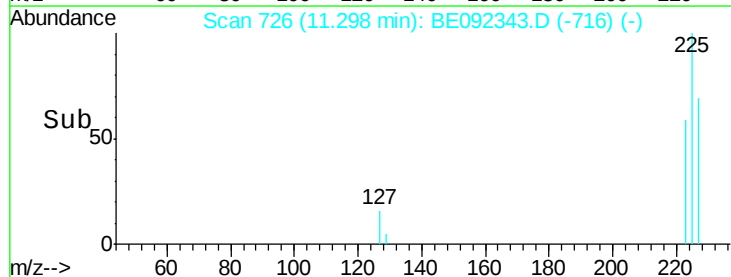
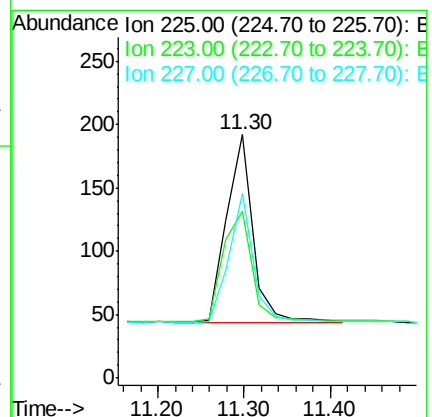
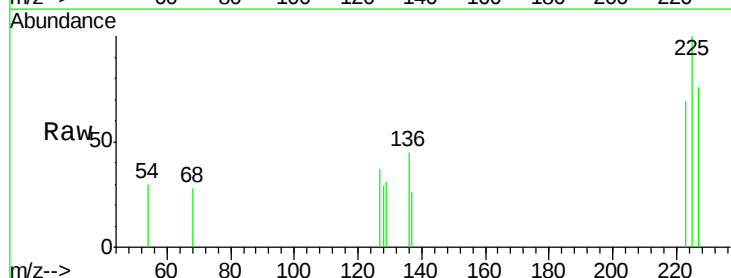
Tgt Ion:225 Resp: 315

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

227 64.1 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.19 ng

RT: 12.66 min Scan# 817

Delta R.T. 0.01 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

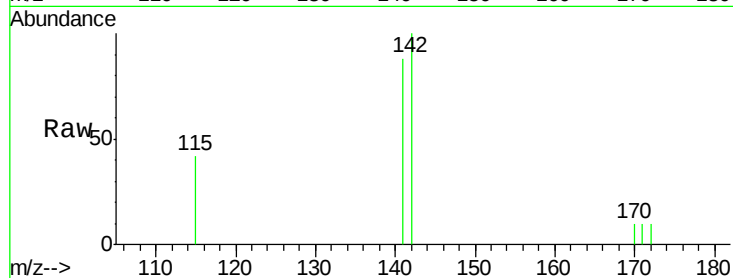
Tgt Ion:142 Resp: 1193

Ion Ratio Lower Upper

142 100

141 88.0 73.7 110.5

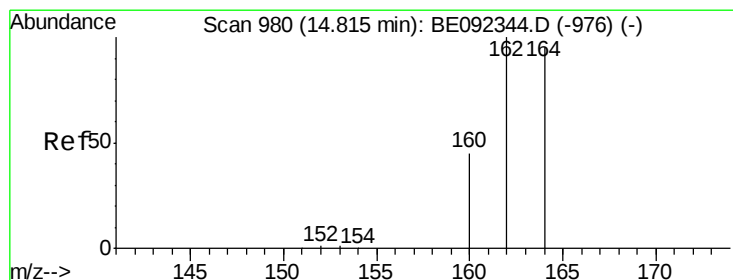
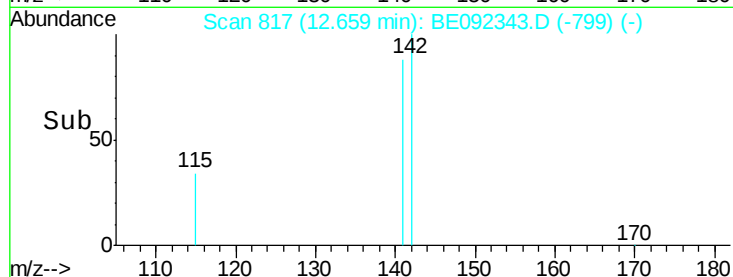
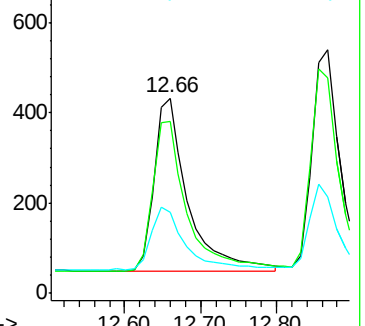
115 41.8 34.0 51.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 979

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

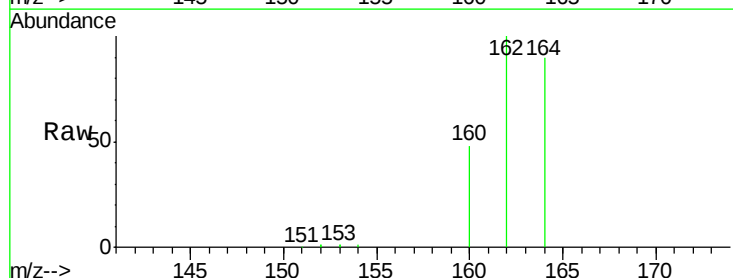
Tgt Ion:164 Resp: 26215

Ion Ratio Lower Upper

164 100

162 111.2 71.4 107.0#

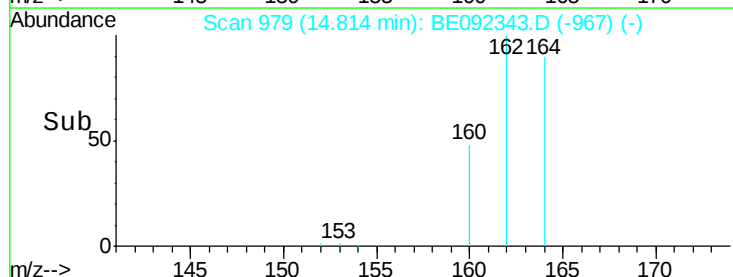
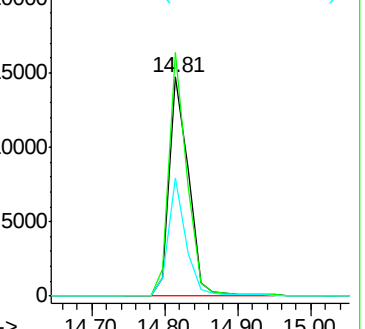
160 53.7 27.4 41.2#

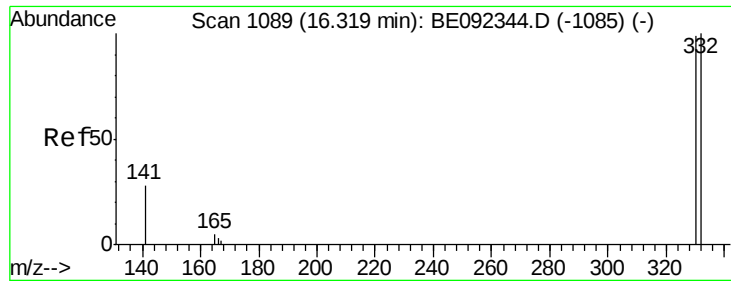


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

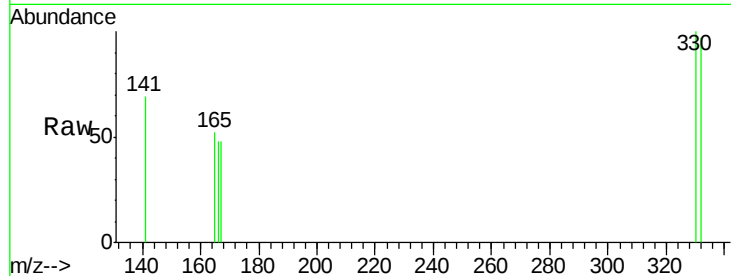




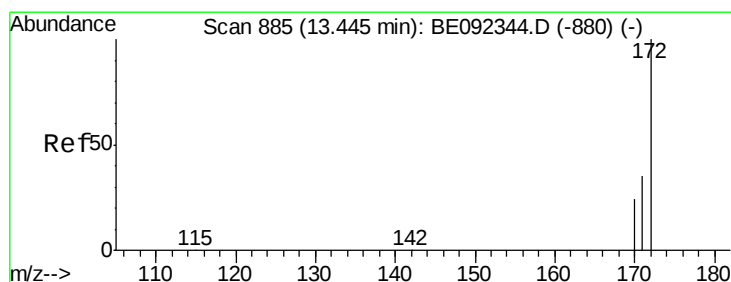
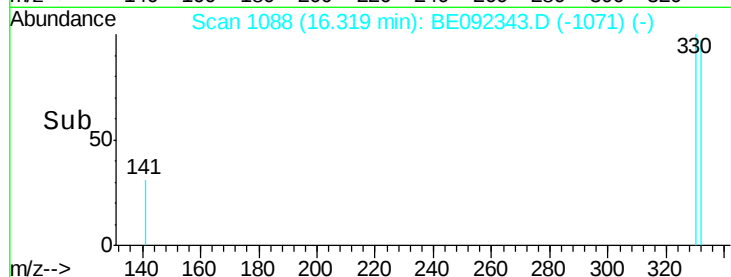
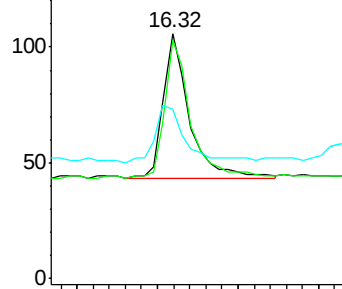
#13
 2,4,6-Tribromophenol
 Concen: 0.14 ng
 RT: 16.32 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BE092343.D
 Acq: 2 Sep 2016 14:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion: 330 Resp: 144
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.0
 141 45.1 31.0 46.6

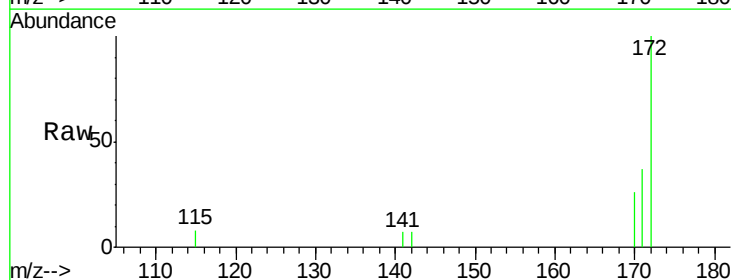


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

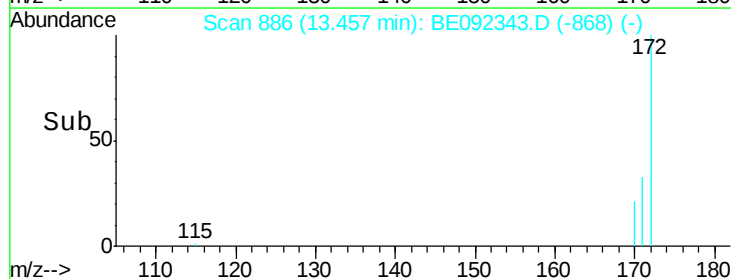
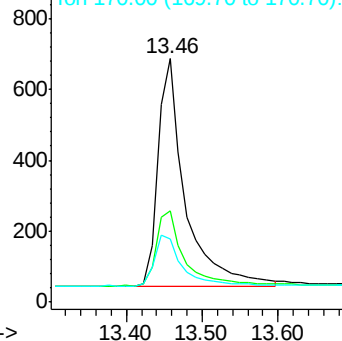


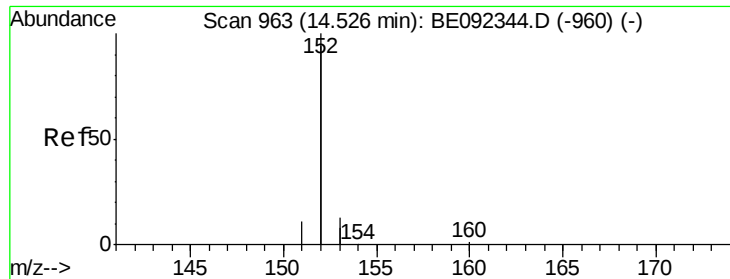
#14
 2-Fluorobiphenyl
 Concen: 0.20 ng
 RT: 13.46 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BE092343.D
 Acq: 2 Sep 2016 14:58

Tgt Ion: 172 Resp: 1619
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.1 45.1
 170 25.9 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

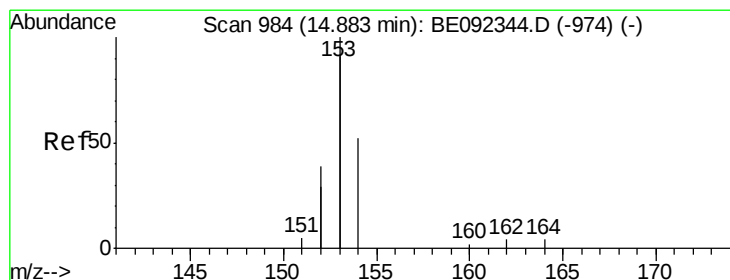
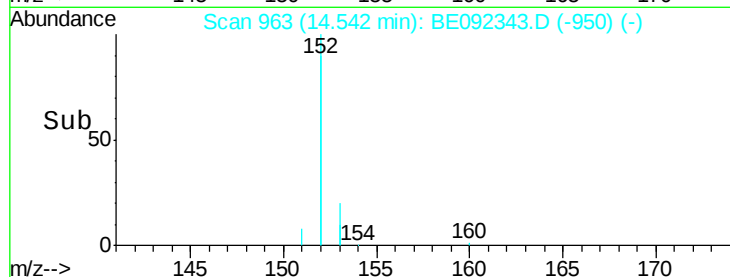
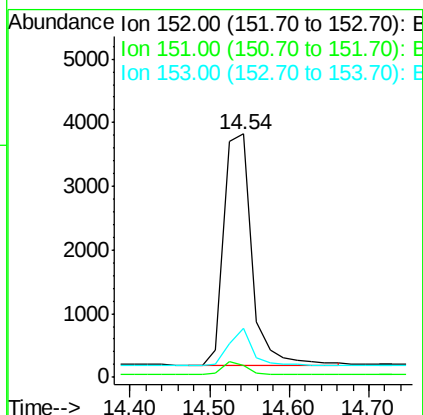
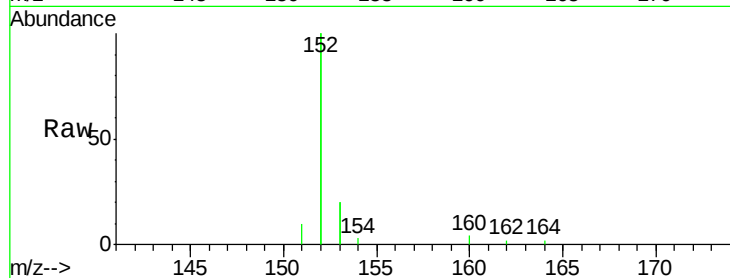




#15
Acenaphthylene
Concen: 0.19 ng
RT: 14.54 min Scan# 963
Delta R.T. 0.02 min
Lab File: BE092343.D
Acq: 2 Sep 2016 14:58

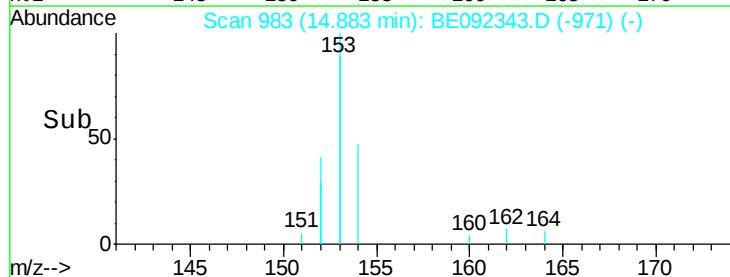
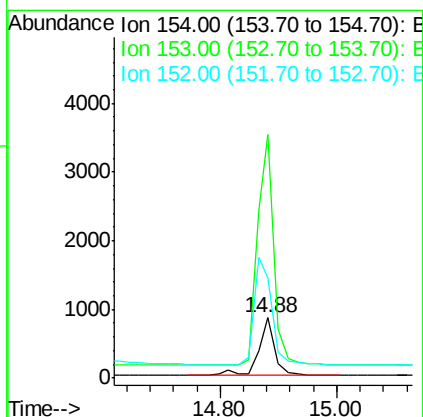
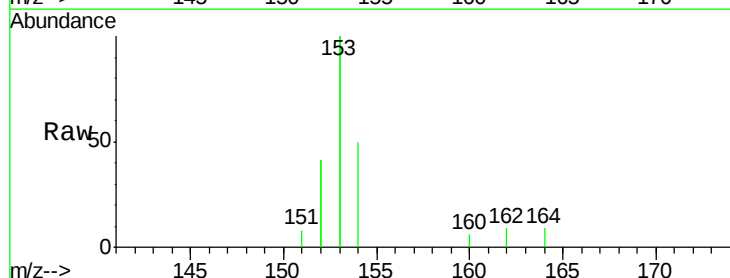
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

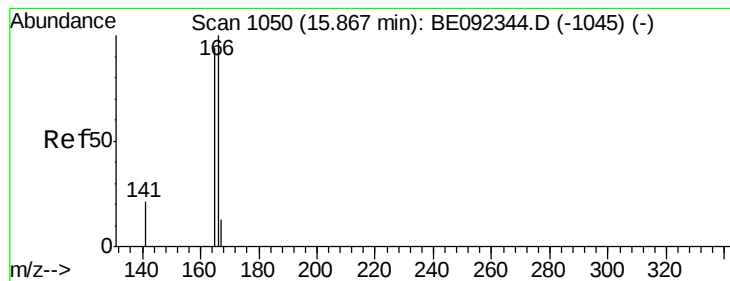
Tgt Ion:152 Resp: 8769
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 13.0 10.4 15.6



#16
Acenaphthene
Concen: 0.21 ng
RT: 14.88 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE092343.D
Acq: 2 Sep 2016 14:58

Tgt Ion:154 Resp: 1551
Ion Ratio Lower Upper
154 100
153 428.4 350.8 526.2
152 213.6 171.1 256.7





#17

Fluorene

Concen: 0.20 ng

RT: 15.87 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

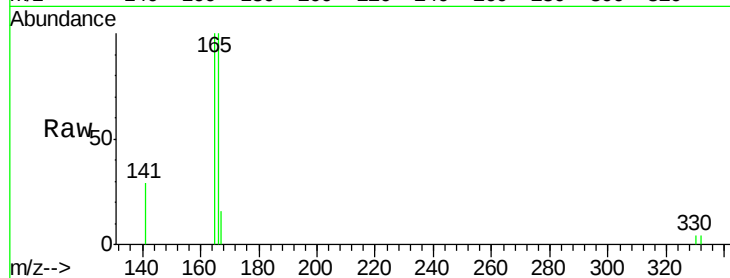
Tgt Ion:166 Resp: 1826

Ion Ratio Lower Upper

166 100

165 97.1 78.2 117.4

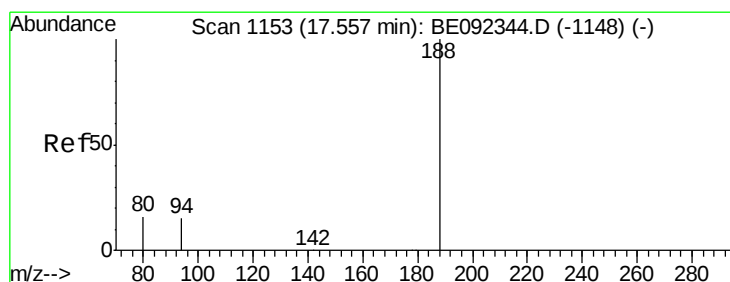
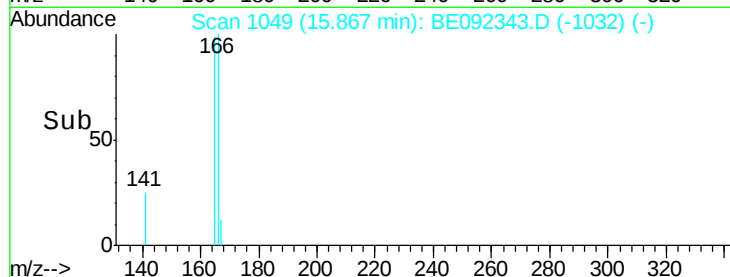
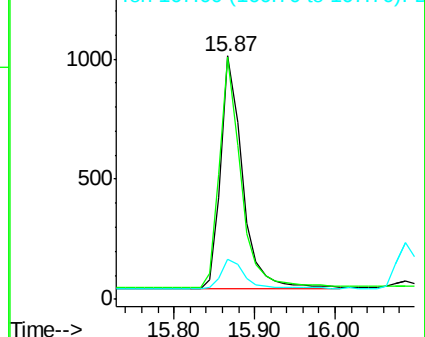
167 13.2 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

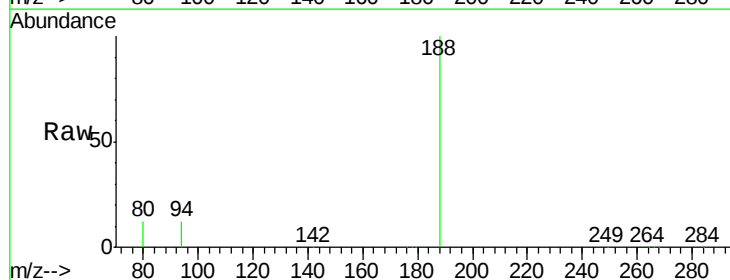
Tgt Ion:188 Resp: 66484

Ion Ratio Lower Upper

188 100

94 11.9 3.2 4.8#

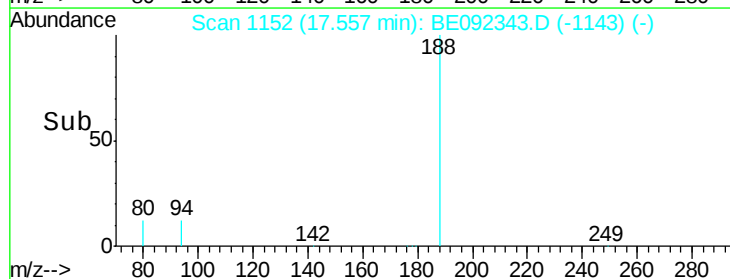
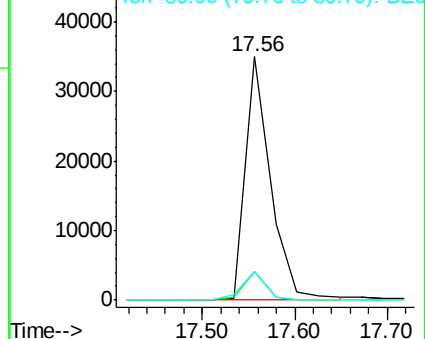
80 11.9 2.6 3.8#



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

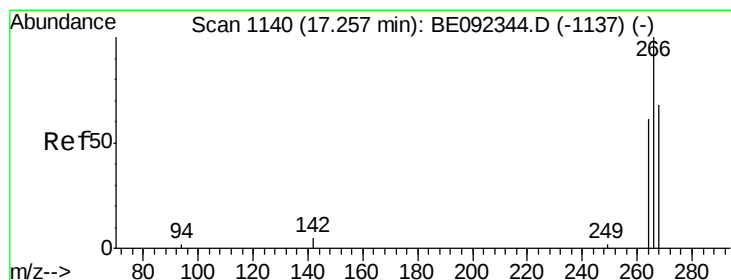
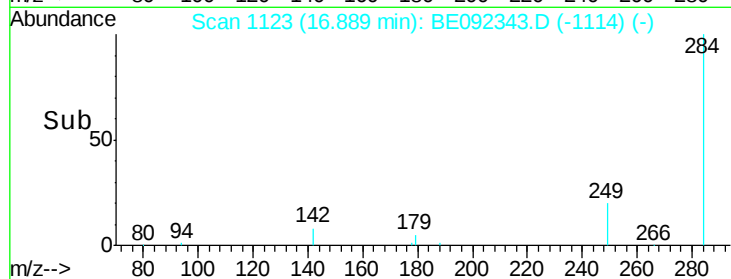
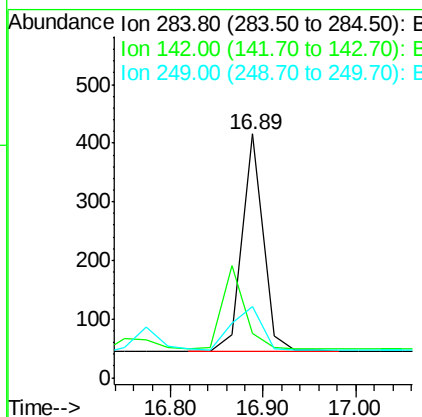
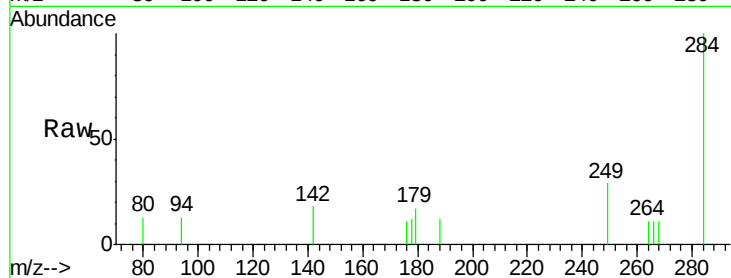




#19
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.89 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092343.D
Acq: 2 Sep 2016 14:58

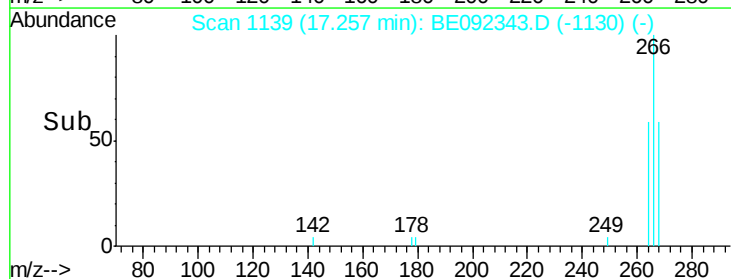
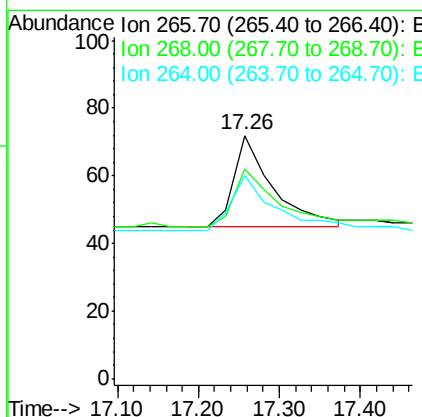
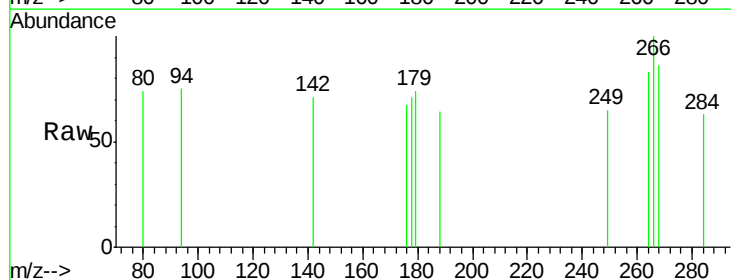
Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

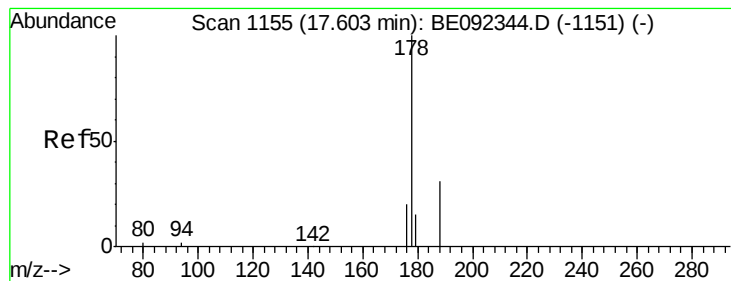
Tgt Ion: 284 Resp: 592
Ion Ratio Lower Upper
284 100
142 0.0 29.1 43.7#
249 29.4 27.9 41.9



#20
Pentachlorophenol
Concen: 0.10 ng
RT: 17.26 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092343.D
Acq: 2 Sep 2016 14:58

Tgt Ion: 266 Resp: 90
Ion Ratio Lower Upper
266 100
268 86.1 62.5 93.7
264 83.3 57.2 85.8





#21

Phenanthrene

Concen: 0.23 ng

RT: 17.60 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

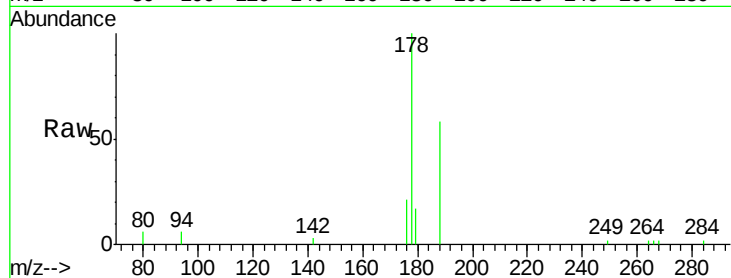
Tgt Ion:178 Resp: 3642

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

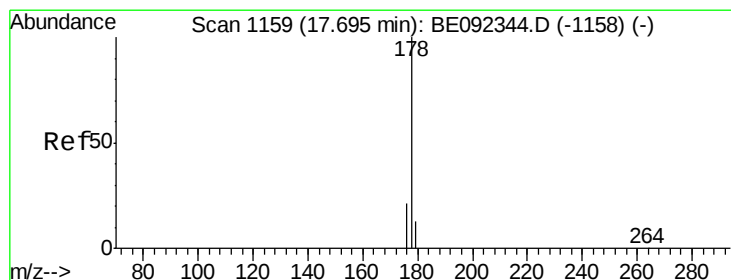
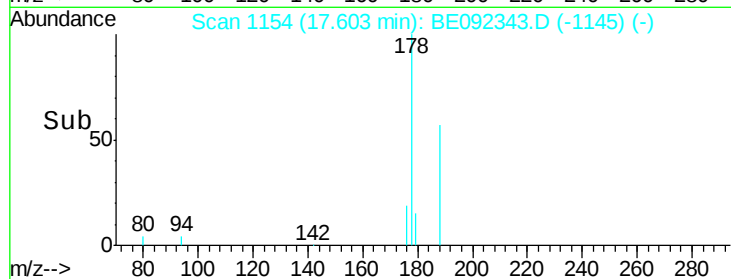
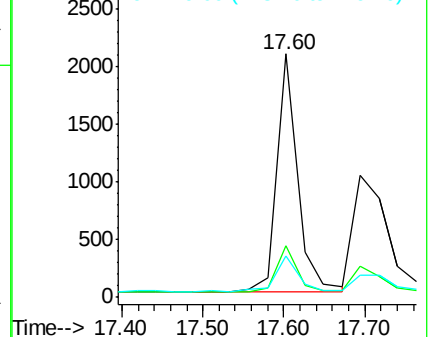
179 16.3 0.0 0.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 0.18 ng

RT: 17.69 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

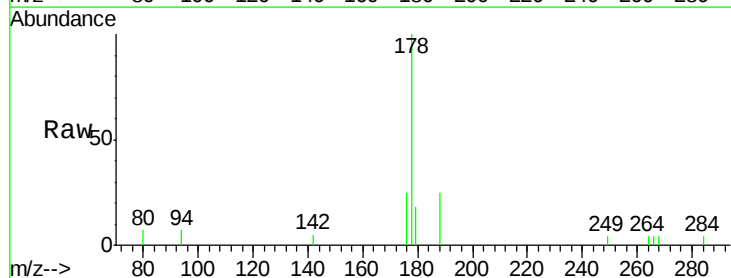
Tgt Ion:178 Resp: 2838

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

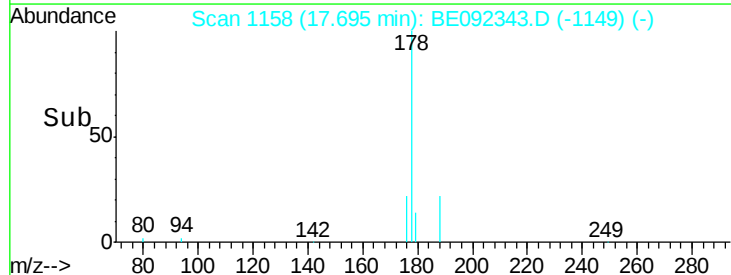
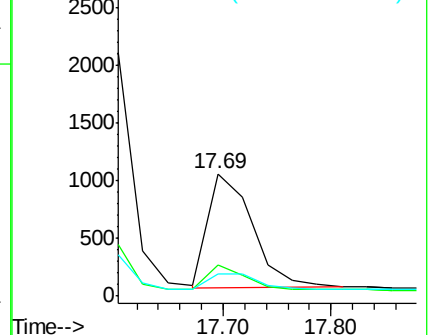
179 15.2 12.2 18.2

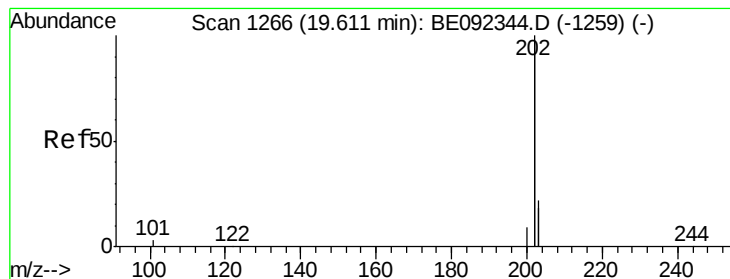


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.19 ng

RT: 19.61 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

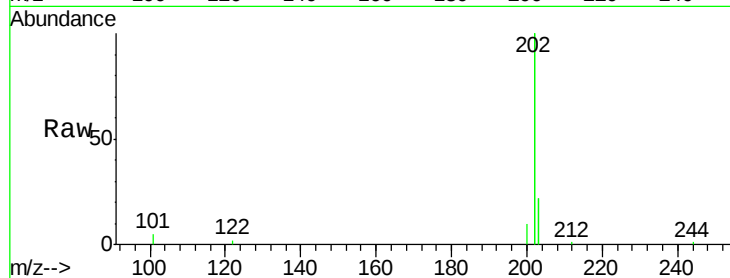
Tgt Ion:202 Resp: 15214

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

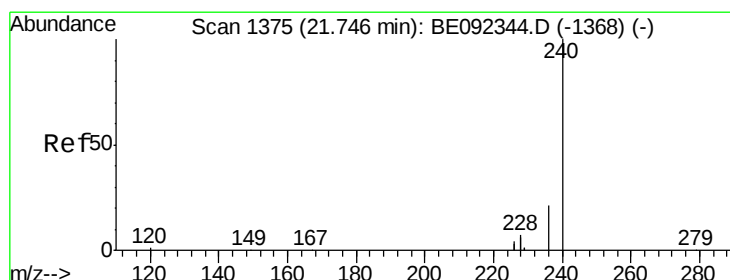
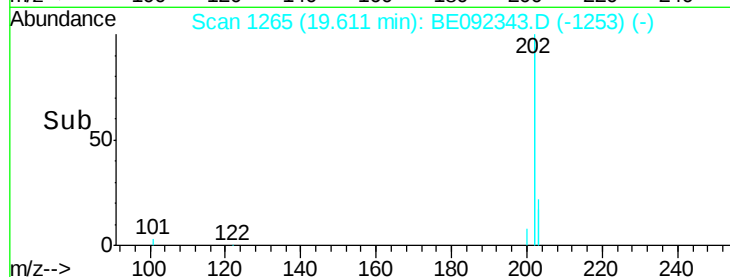
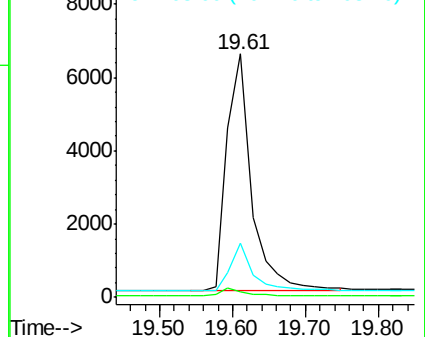
203 17.6 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

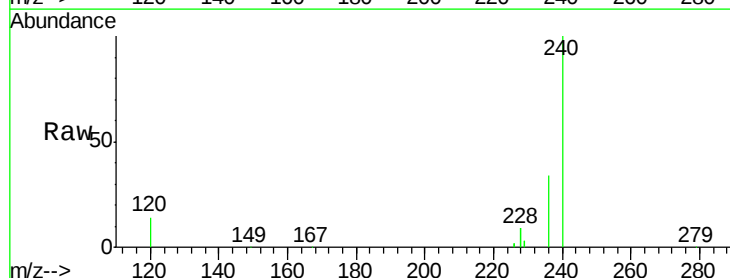
Tgt Ion:240 Resp: 78452

Ion Ratio Lower Upper

240 100

120 14.1 2.6 4.0#

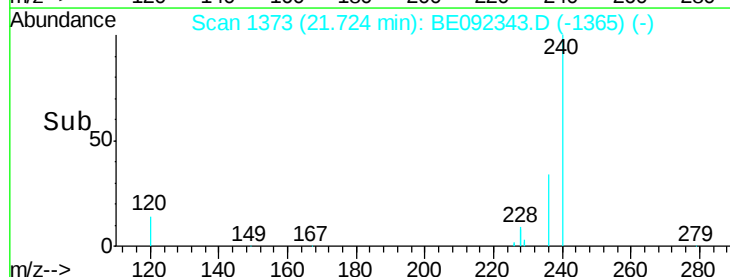
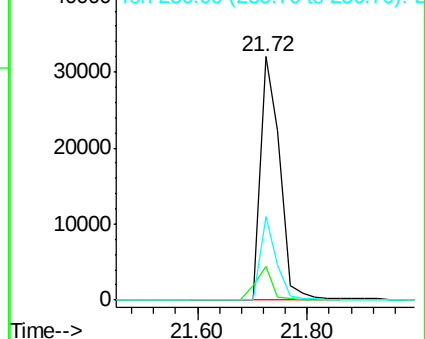
236 34.5 24.6 37.0



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

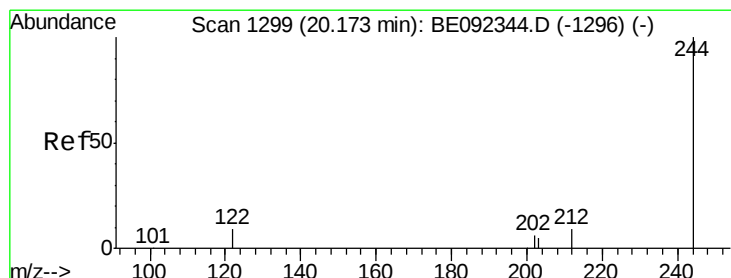
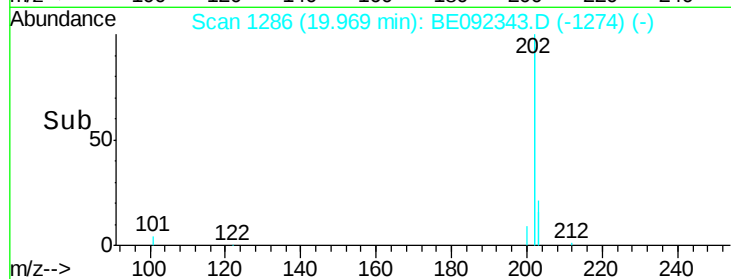
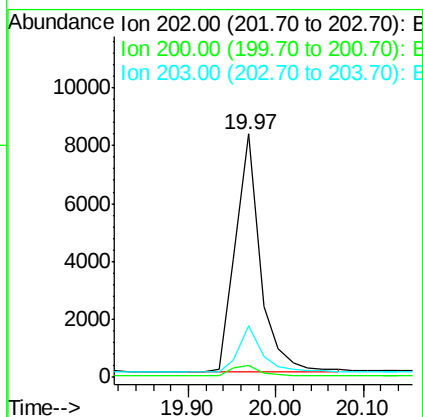
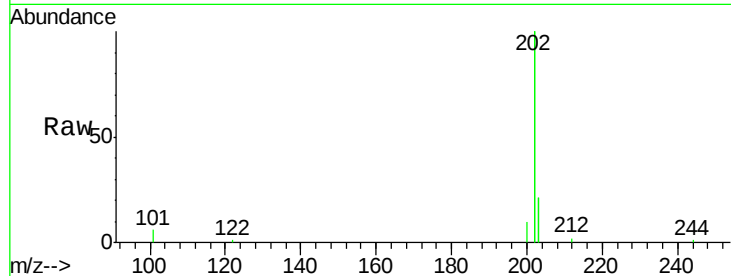




#25
Pyrene
Concen: 0.23 ng
RT: 19.97 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092343.D
Acq: 2 Sep 2016 14:58

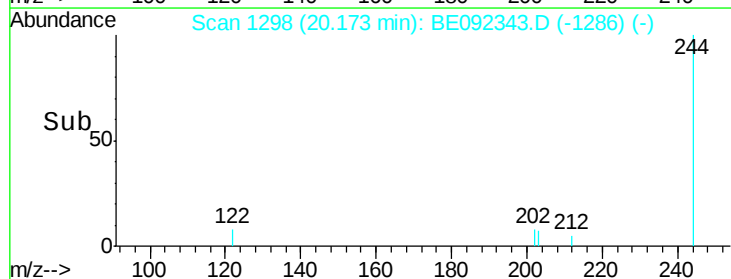
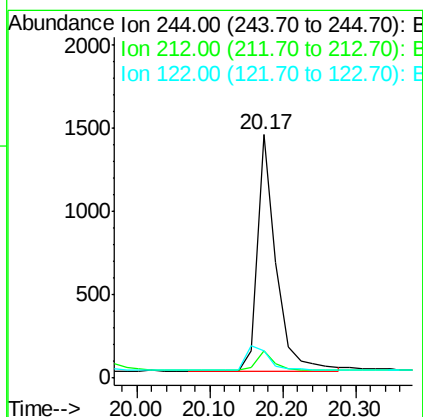
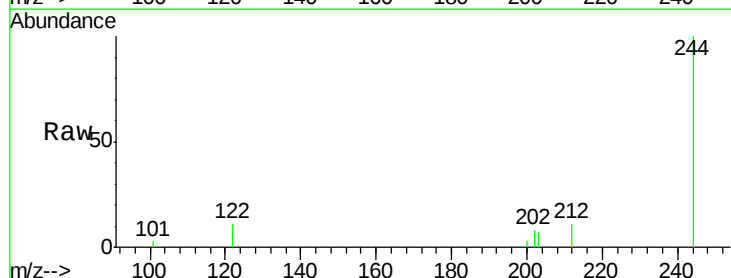
Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

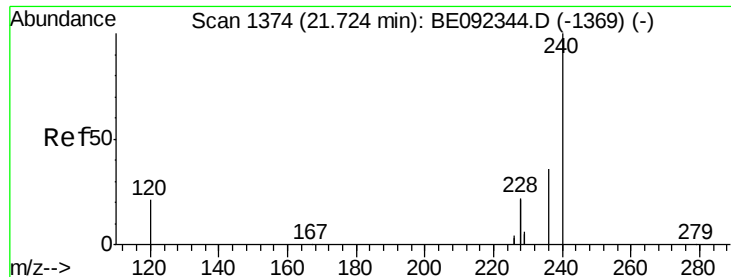
Tgt Ion: 202 Resp: 16120
Ion Ratio Lower Upper
202 100
200 5.3 4.2 6.4
203 17.9 13.9 20.9



#26
Terphenyl-d14
Concen: 0.23 ng
RT: 20.17 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092343.D
Acq: 2 Sep 2016 14:58

Tgt Ion: 244 Resp: 2524
Ion Ratio Lower Upper
244 100
212 11.0 6.7 10.1#
122 11.3 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.23 ng

RT: 21.70 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

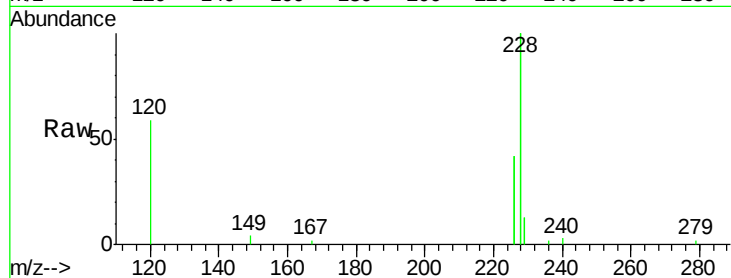
Tgt Ion:228 Resp: 20304

Ion Ratio Lower Upper

228 100

226 42.2 23.6 35.4#

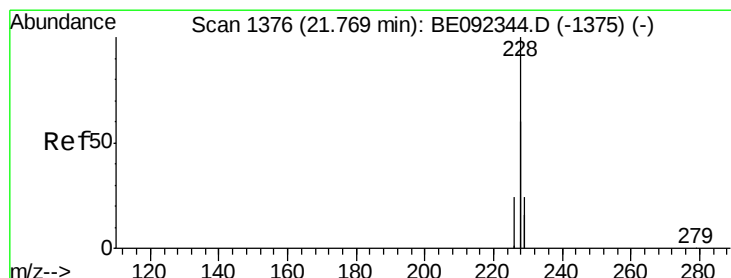
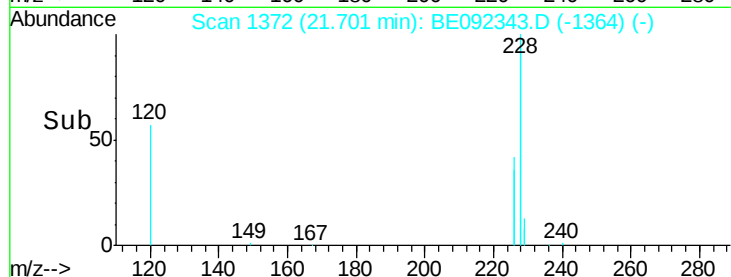
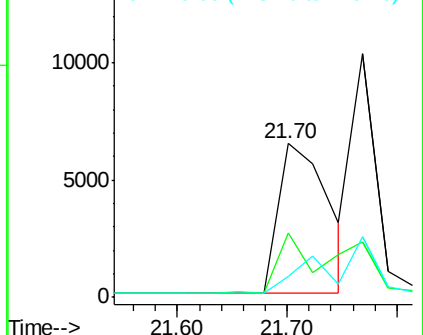
229 13.5 13.3 19.9



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



#28

Chrysene

Concen: 0.28 ng

RT: 21.70 min Scan# 1372

Delta R.T. -0.07 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

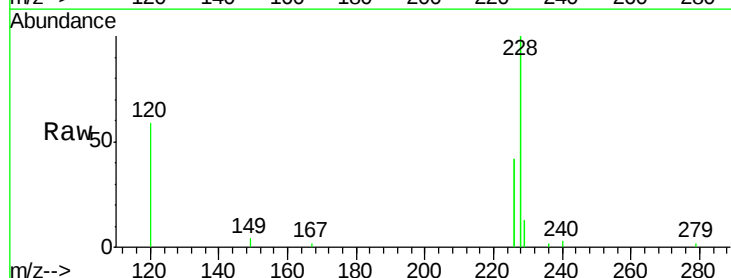
Tgt Ion:228 Resp: 20304

Ion Ratio Lower Upper

228 100

226 42.2 36.3 54.5

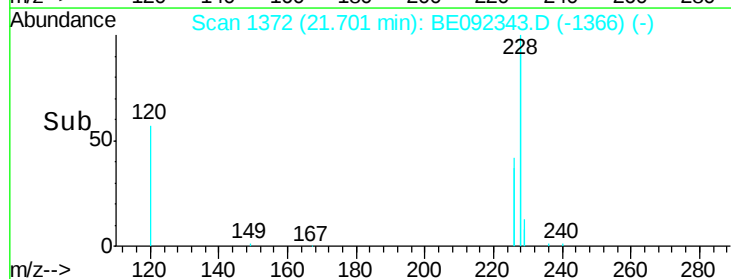
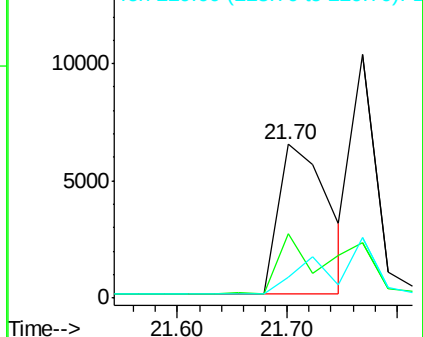
229 13.5 10.6 16.0

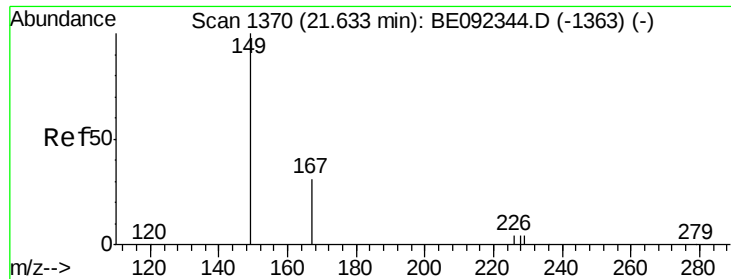


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 21.63 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

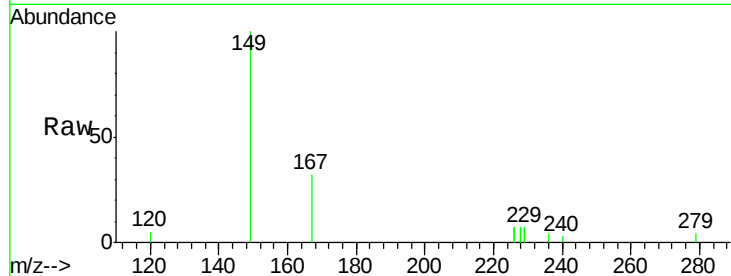
Tgt Ion:149 Resp: 2013

Ion Ratio Lower Upper

149 100

167 28.2 16.0 24.0#

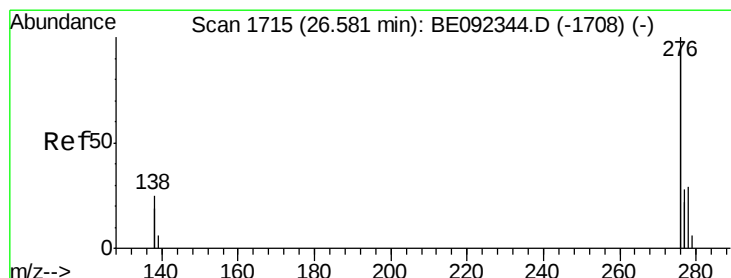
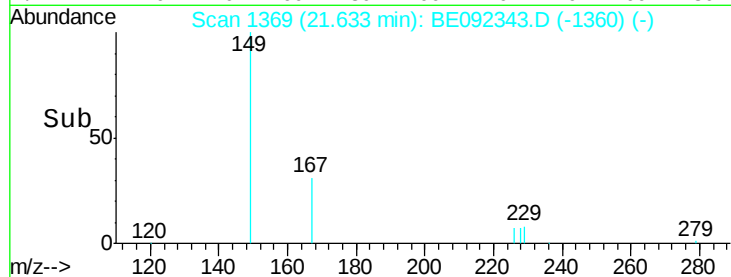
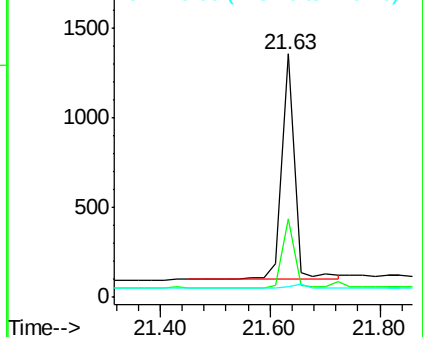
279 0.0 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#30

Indeno(1,2,3-cd)pyrene

Concen: 0.23 ng

RT: 26.58 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

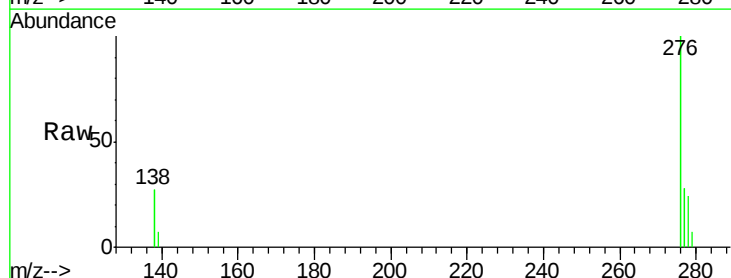
Tgt Ion:276 Resp: 19540

Ion Ratio Lower Upper

276 100

138 26.7 20.3 30.5

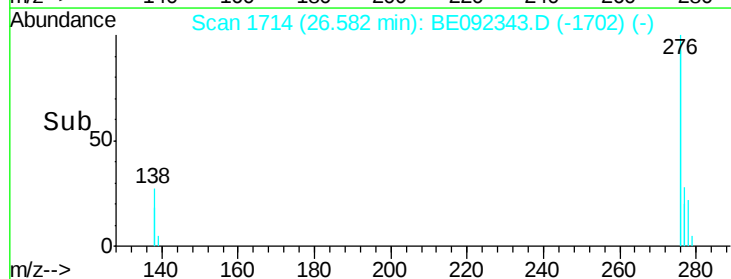
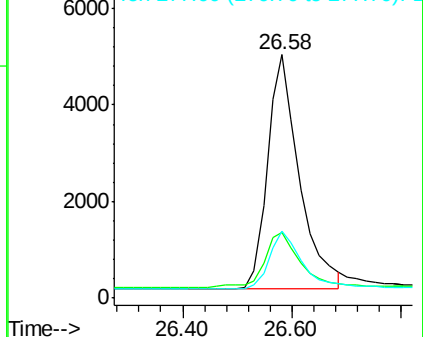
277 24.6 19.7 29.5

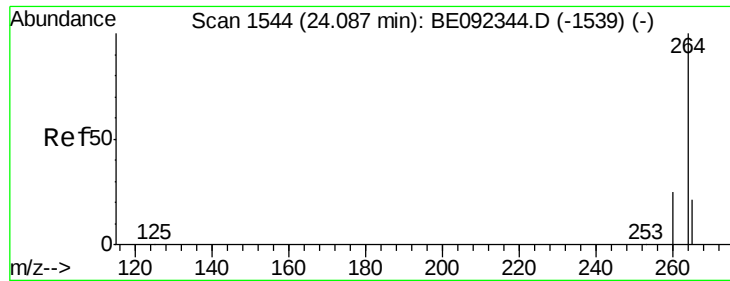


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

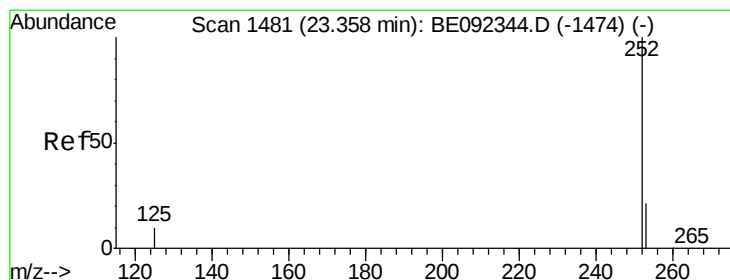
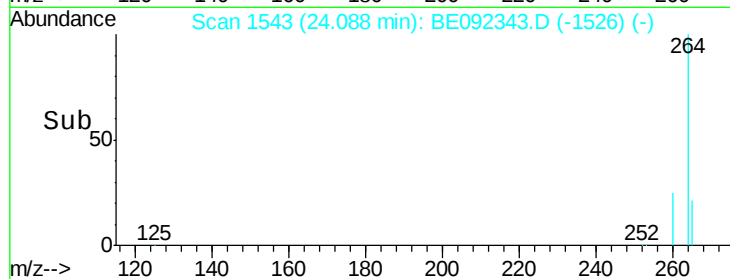
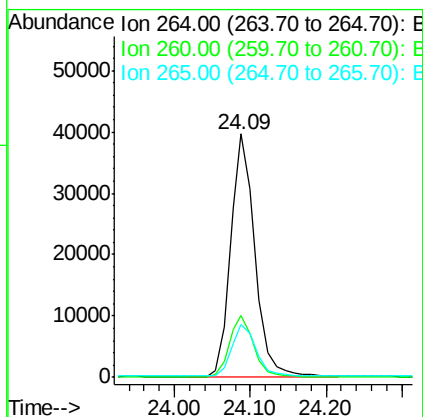
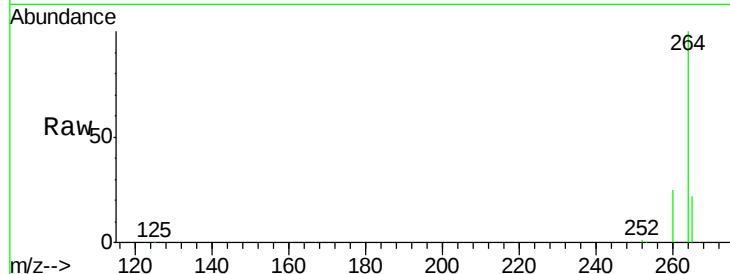




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.09 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BE092343.D
 Acq: 2 Sep 2016 14:58

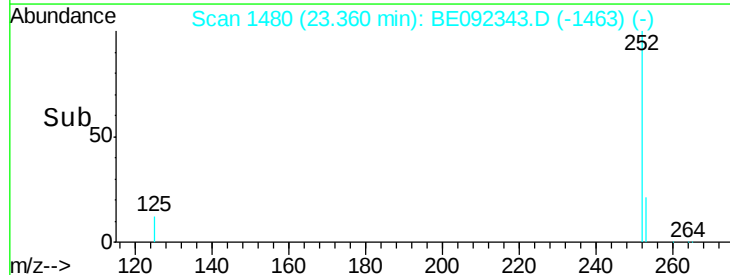
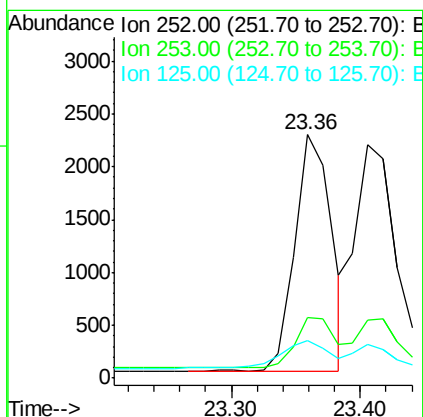
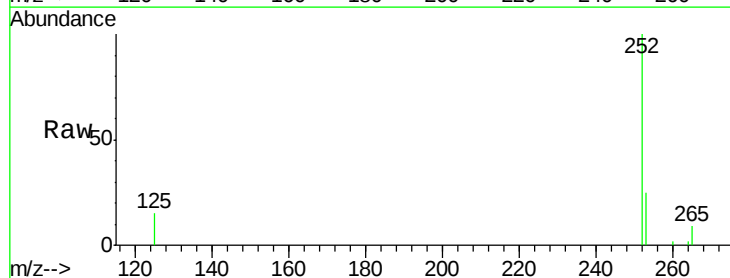
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion: 264 Resp: 89469
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.1 30.1
 265 22.0 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.18 ng
 RT: 23.36 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BE092343.D
 Acq: 2 Sep 2016 14:58

Tgt Ion: 252 Resp: 4403
 Ion Ratio Lower Upper
 252 100
 253 24.7 18.7 28.1
 125 15.5 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.21 ng

RT: 23.41 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

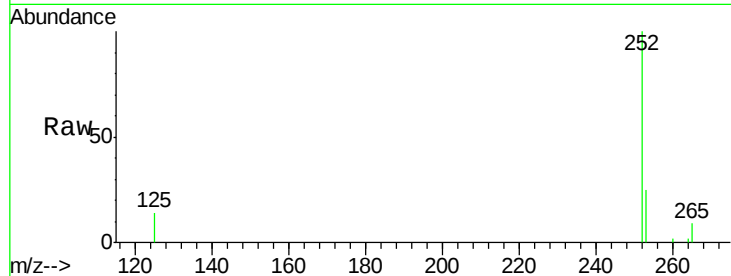
Tgt Ion:252 Resp: 4961

Ion Ratio Lower Upper

252 100

253 24.6 20.3 30.5

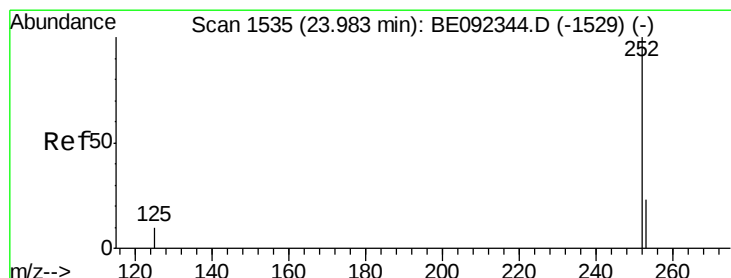
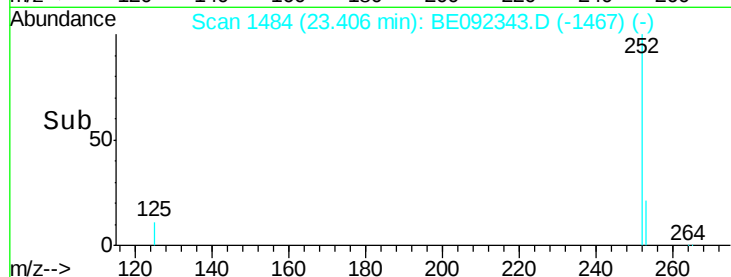
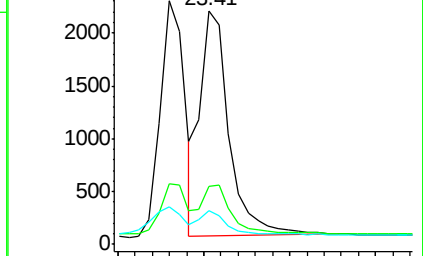
125 14.3 9.6 14.4



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



#34

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.98 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

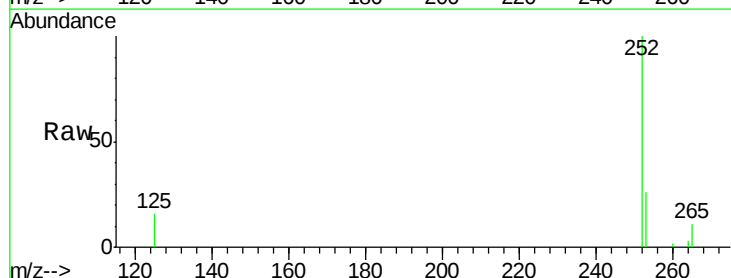
Tgt Ion:252 Resp: 4487

Ion Ratio Lower Upper

252 100

253 26.4 19.0 28.6

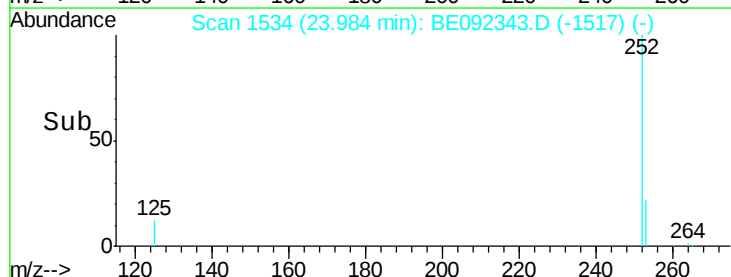
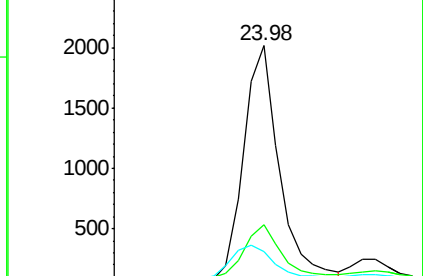
125 15.6 11.8 17.8



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





#35

Dibenzo(a,h)anthracene

Concen: 0.18 ng

RT: 26.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

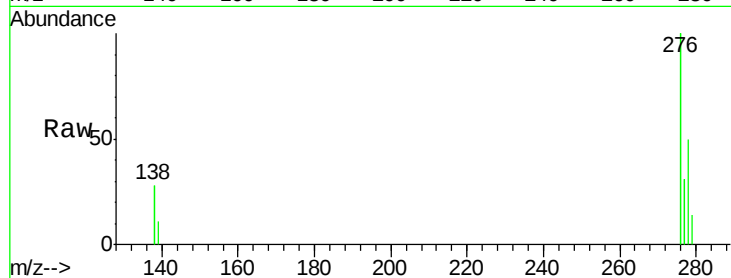
Tgt Ion:278 Resp: 3997

Ion Ratio Lower Upper

278 100

139 22.3 13.8 20.8#

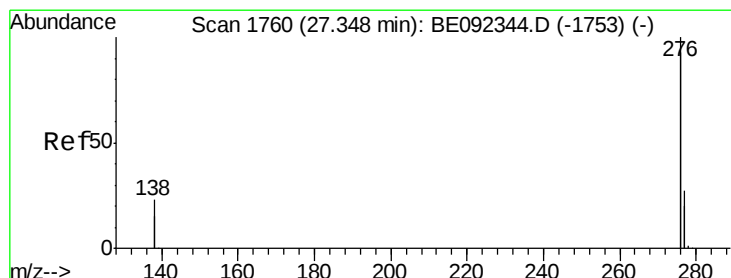
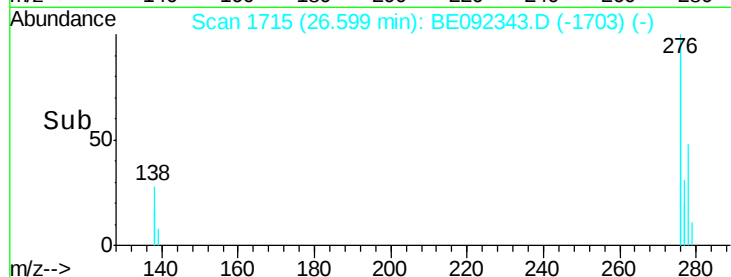
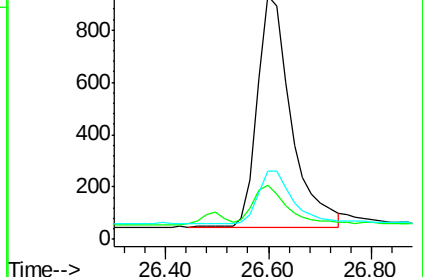
279 28.2 21.4 32.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#36

Benzo(g,h,i)perylene

Concen: 0.20 ng

RT: 27.35 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BE092343.D

Acq: 2 Sep 2016 14:58

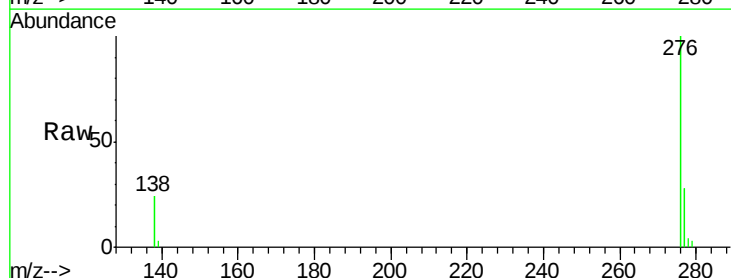
Tgt Ion:276 Resp: 17474

Ion Ratio Lower Upper

276 100

277 27.6 19.8 29.8

138 24.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

