

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
 Data File : BE092529.D
 Acq On : 16 Nov 2016 11:02
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Nov 16 13:34:00 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 13:29:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9394	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	46231	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	31865	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	71267	5.00	ng	0.00
24) Chrysene-d12	21.72	240	102603	5.00	ng	0.00
31) Perylene-d12	24.08	264	91872	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	239	0.12	ng	0.00
5) Phenol-d6	7.36	99	321	0.12	ng	0.00
8) Nitrobenzene-d5	9.36	82	387	0.13	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	112	0.12	ng	0.00
14) 2-Fluorobiphenyl	13.43	172	1381	0.18	ng	0.00
26) Terphenyl-d14	20.17	244	1929	0.15	ng	0.00

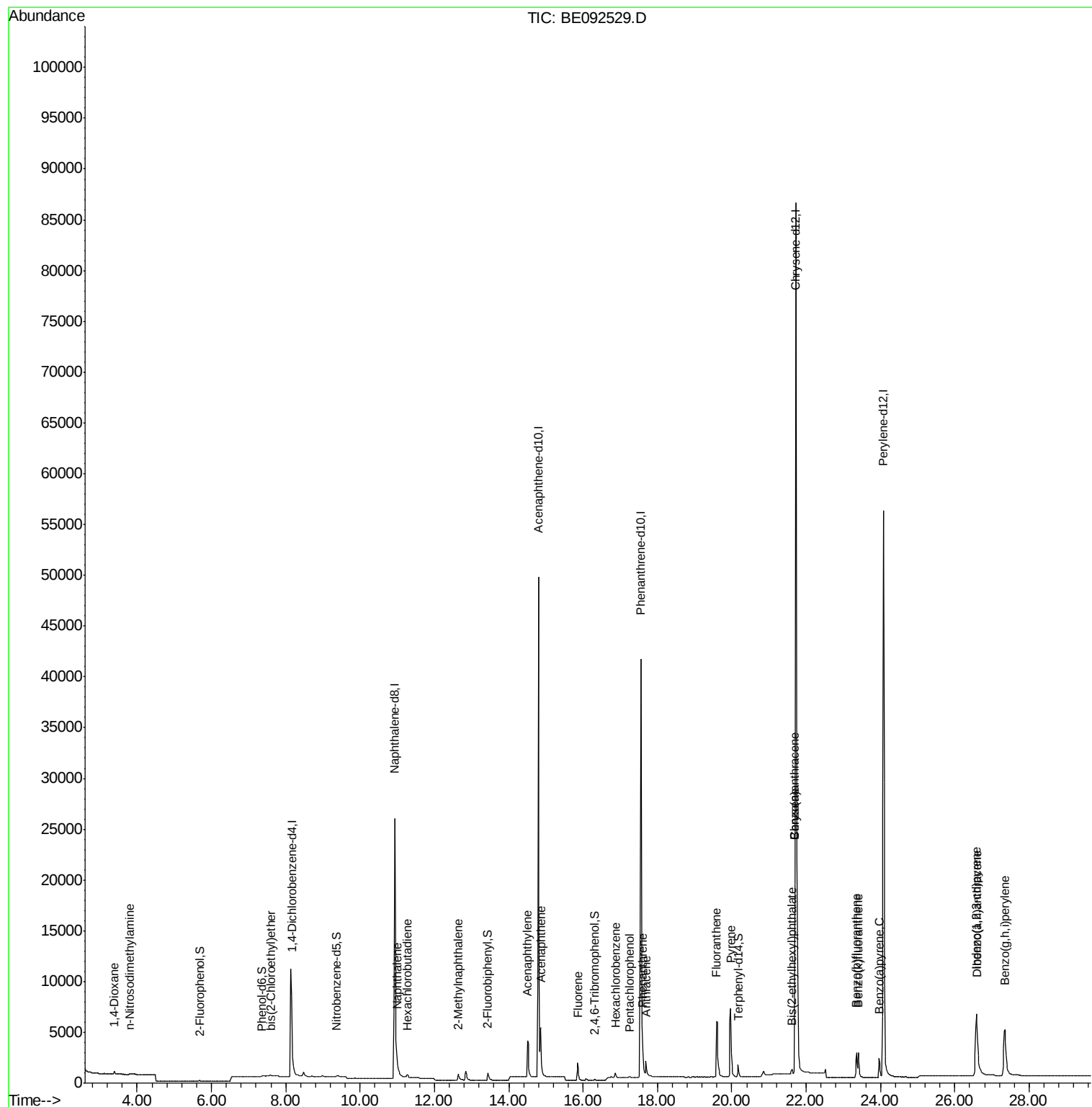
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	273	0.19	ng	92
3) n-Nitrosodimethylamine	3.80	42	151	0.09	ng	# 84
6) bis(2-Chloroethyl)ether	7.59	93	350	0.12	ng	# 82
9) Naphthalene	10.99	128	1728	0.17	ng	# 91
10) Hexachlorobutadiene	11.28	225	266	0.18	ng	99
11) 2-Methylnaphthalene	12.65	142	1009	0.16	ng	96
15) Acenaphthylene	14.51	152	7551	0.17	ng	100
16) Acenaphthene	14.87	154	1384	0.19	ng	93
17) Fluorene	15.86	166	1545	0.17	ng	98
19) Hexachlorobenzene	16.87	284	629	0.23	ng	# 80
20) Pentachlorophenol	17.26	266	82	0.11	ng	# 81
21) Phenanthrene	17.60	178	2862	0.19	ng	# 75
22) Anthracene	17.70	178	2621	0.18	ng	99
23) Fluoranthene	19.59	202	12880	0.17	ng	99
25) Pyrene	19.97	202	13390	0.16	ng	99
27) Benzo(a)anthracene	21.70	228	32799	0.32	ng	98
28) Chrysene	21.70	228	32986	0.30	ng	# 80
29) Bis(2-ethylhexyl)phthalate	21.61	149	1011	0.09	ng	# 56
30) Indeno(1,2,3-cd)pyrene	26.58	276	16408	0.14	ng	98
32) Benzo(b)fluoranthene	23.36	252	3804	0.11	ng	95
33) Benzo(k)fluoranthene	23.40	252	4103	0.11	ng	98
34) Benzo(a)pyrene	23.97	252	3314	0.14	ng	94
35) Dibenzo(a,h)anthracene	26.60	278	3347	0.15	ng	# 94
36) Benzo(g,h,i)perylene	27.35	276	14775	0.16	ng	94

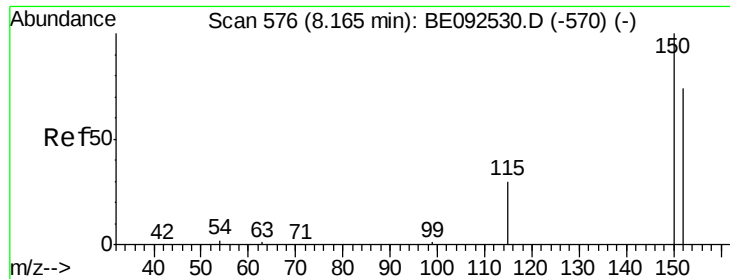
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 16 13:34:00 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 13:29:35 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

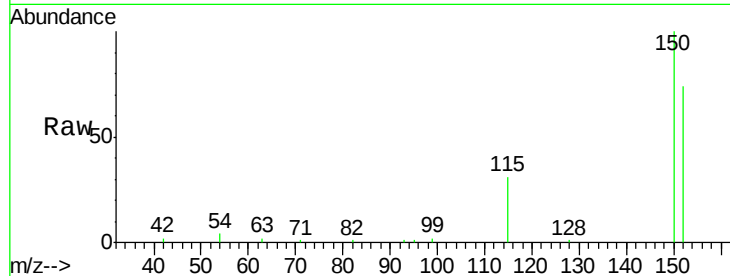
Tgt Ion: 152 Resp: 9394

Ion Ratio Lower Upper

152 100

150 134.9 106.0 159.0

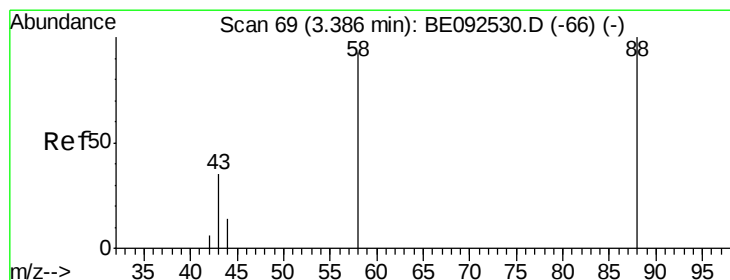
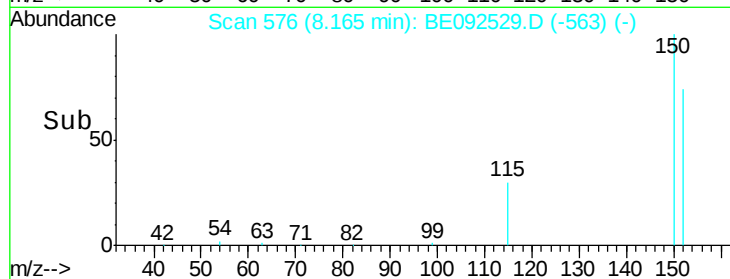
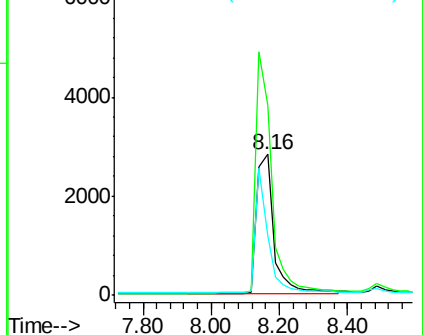
115 41.7 31.2 46.8



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

1,4-Dioxane

Concen: 0.19 ng

RT: 3.39 min Scan# 69

Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

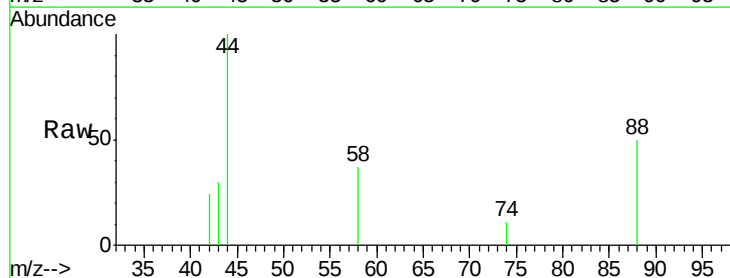
Tgt Ion: 88 Resp: 273

Ion Ratio Lower Upper

88 100

58 71.4 63.6 95.4

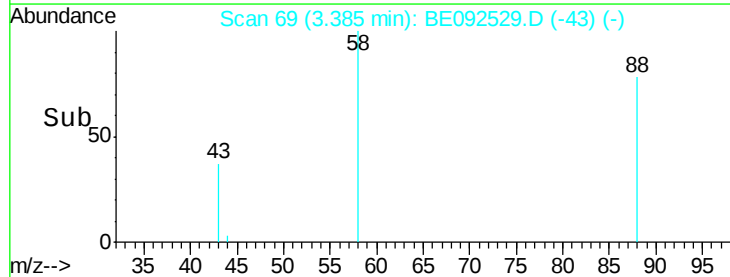
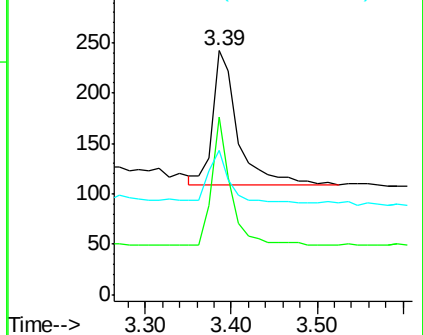
43 31.9 28.0 42.0

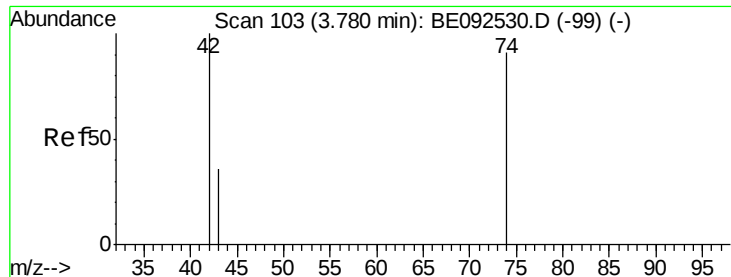


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.80 min Scan# 105

Delta R.T. 0.02 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

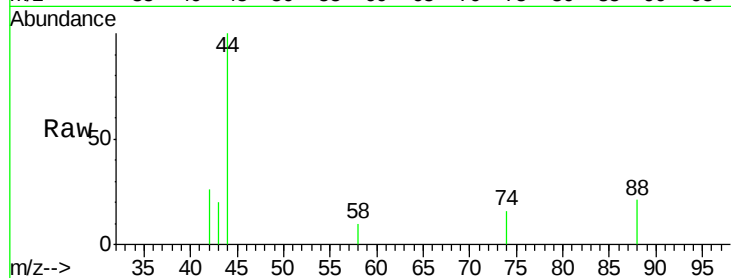
Tgt Ion: 42 Resp: 151

Ion Ratio Lower Upper

42 100

74 123.8 86.0 129.0

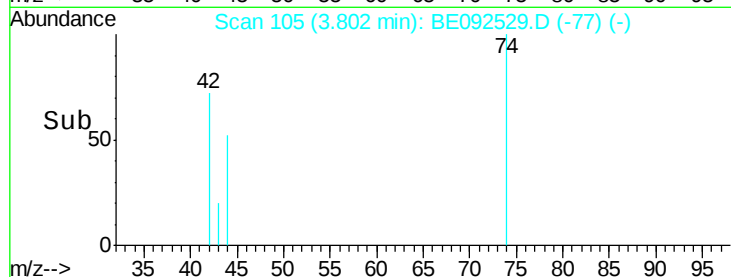
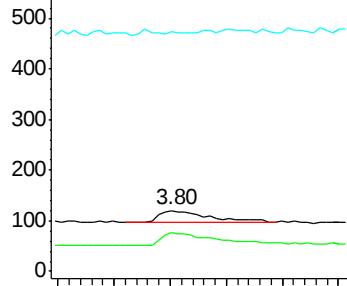
44 0.0 5.1 7.7#



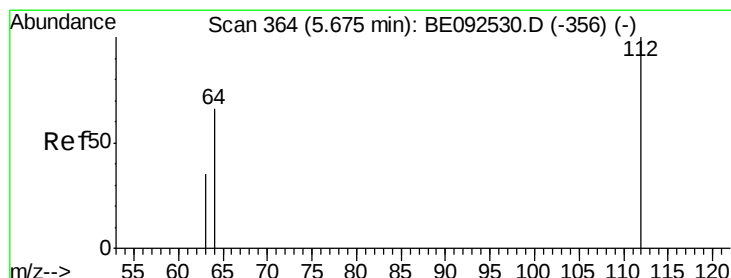
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.12 ng

RT: 5.68 min Scan# 365

Delta R.T. 0.01 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

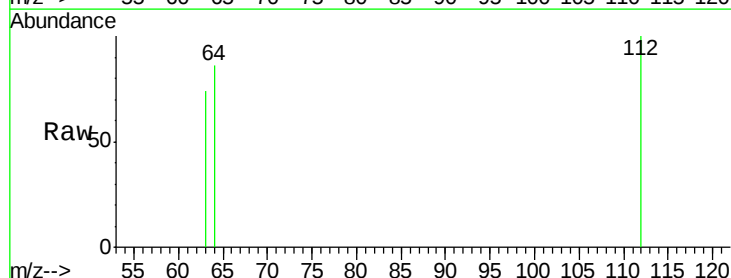
Tgt Ion: 112 Resp: 239

Ion Ratio Lower Upper

112 100

64 71.5 53.5 80.3

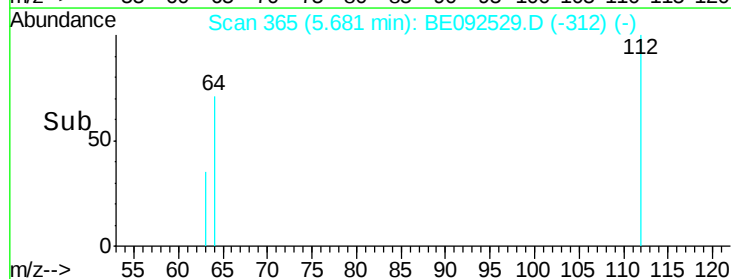
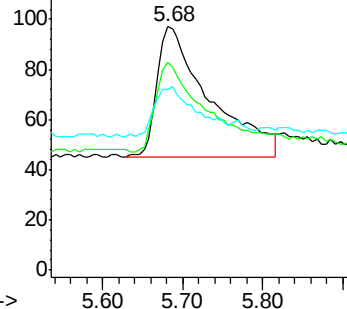
63 31.8 27.9 41.9

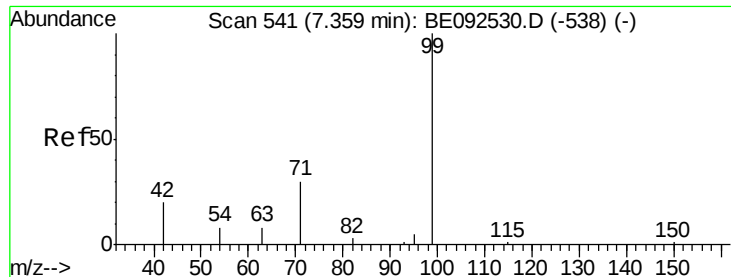


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.12 ng

RT: 7.36 min Scan# 541

Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

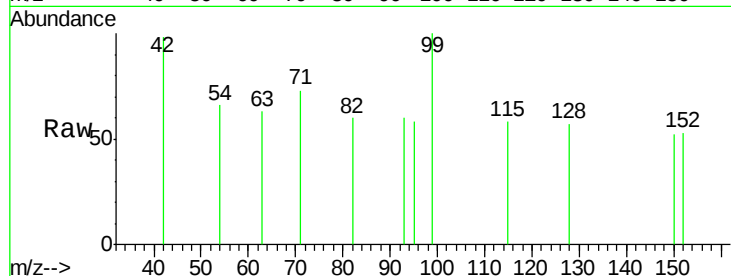
Tgt Ion: 99 Resp: 321

Ion Ratio Lower Upper

99 100

42 29.6 16.0 24.0#

71 34.9 30.6 45.8



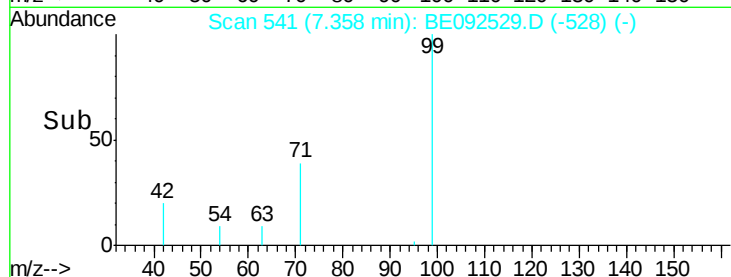
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

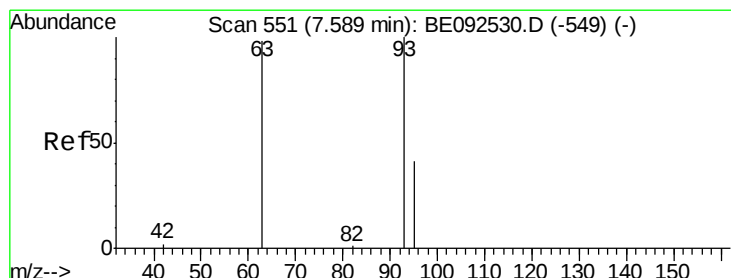
Ion 71.00 (70.70 to 71.70): BE0

7.36

7.20 7.40 7.60



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.12 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

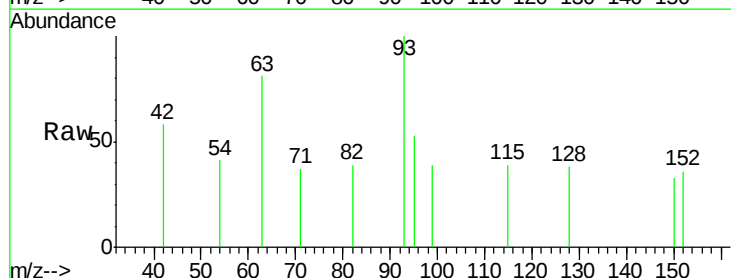
Tgt Ion: 93 Resp: 350

Ion Ratio Lower Upper

93 100

63 69.4 71.6 107.4#

95 33.4 24.0 36.0



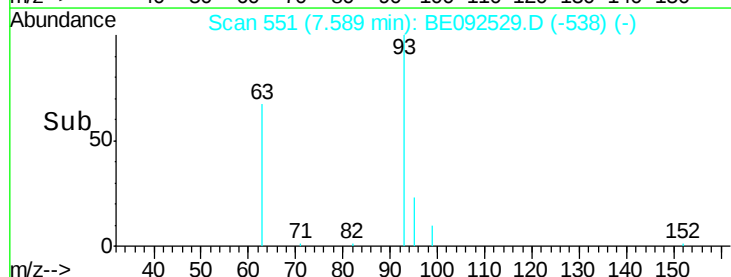
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

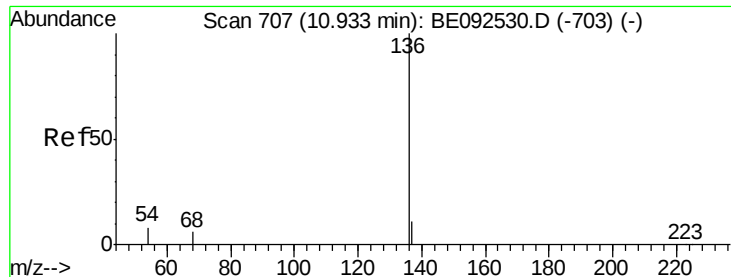
Ion 95.00 (94.70 to 95.70): BE0

7.59

7.50 7.60 7.70 7.80



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

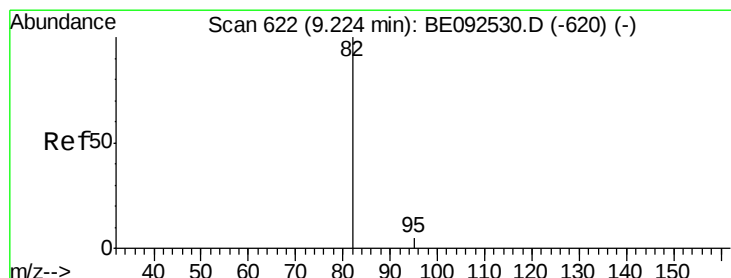
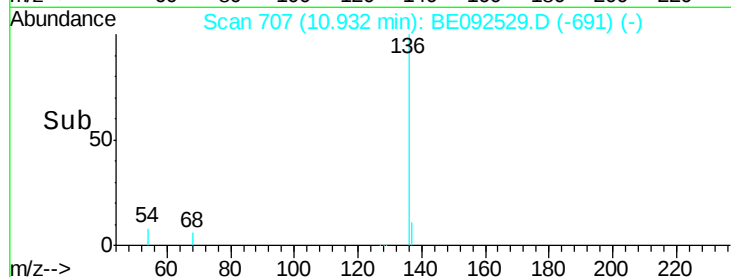
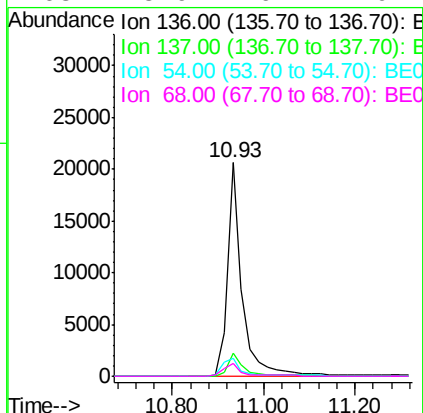
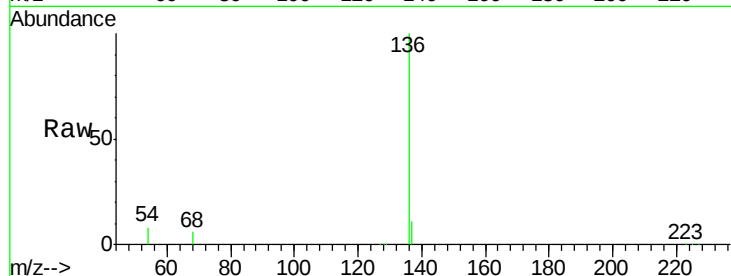
Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion:	136	Resp:	46231
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.1	9.6	14.4#
68	5.9	6.7	10.1#



#8

Nitrobenzene-d5

Concen: 0.13 ng

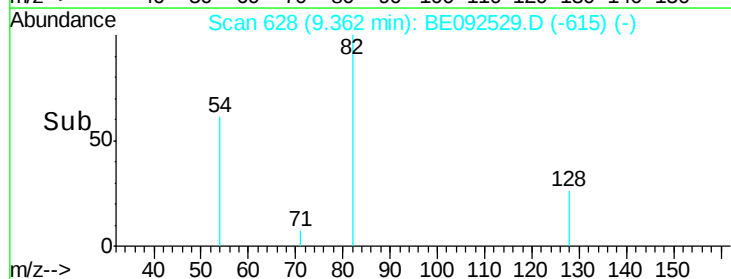
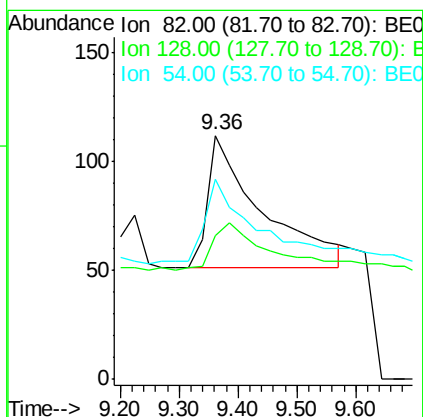
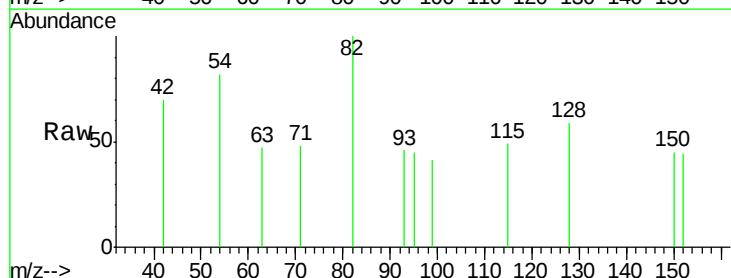
RT: 9.36 min Scan# 628

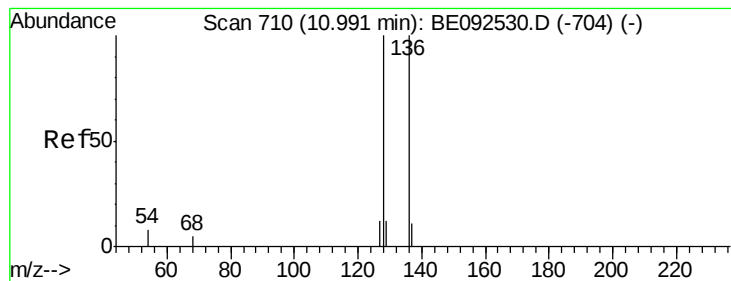
Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Tgt Ion:	82	Resp:	387
Ion	Ratio	Lower	Upper
82	100		
128	58.9	39.0	58.4#
54	82.1	44.8	67.2#





#9

Naphthalene

Concen: 0.17 ng

RT: 10.99 min Scan# 710

Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

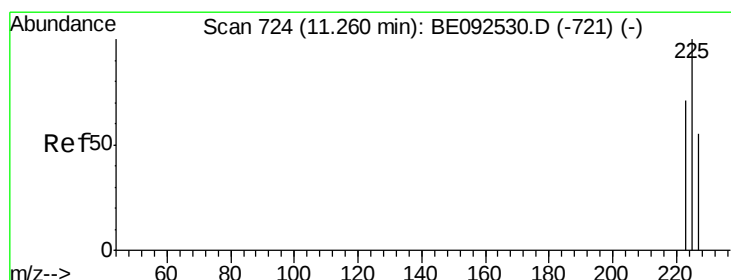
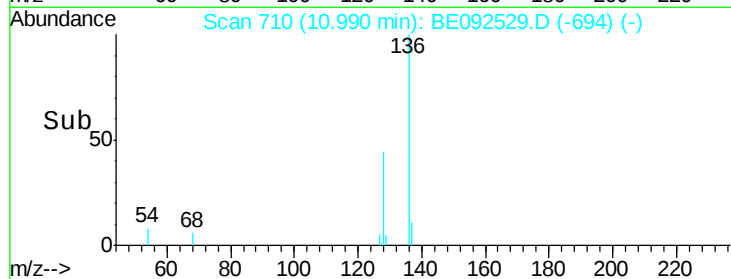
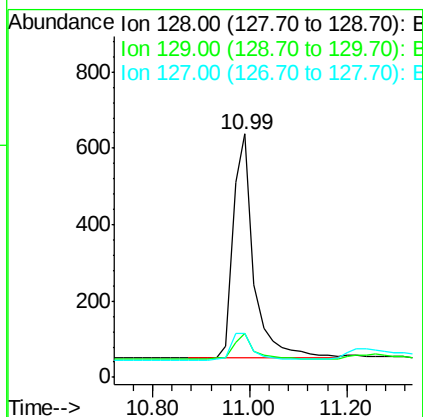
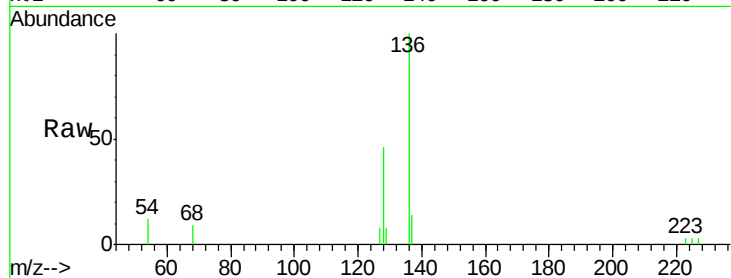
Tgt Ion:128 Resp: 1728

Ion Ratio Lower Upper

128 100

129 18.0 11.2 16.8#

127 17.9 11.6 17.4#



#10

Hexachlorobutadiene

Concen: 0.18 ng

RT: 11.28 min Scan# 725

Delta R.T. 0.02 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

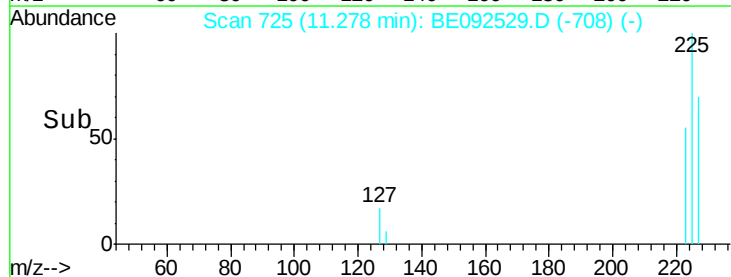
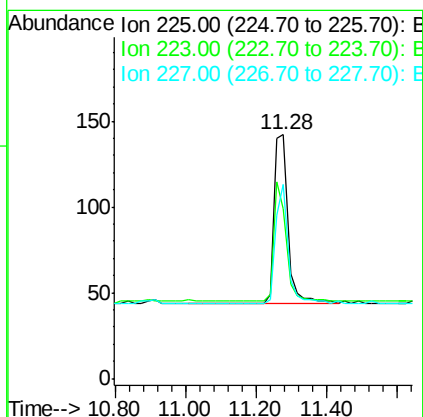
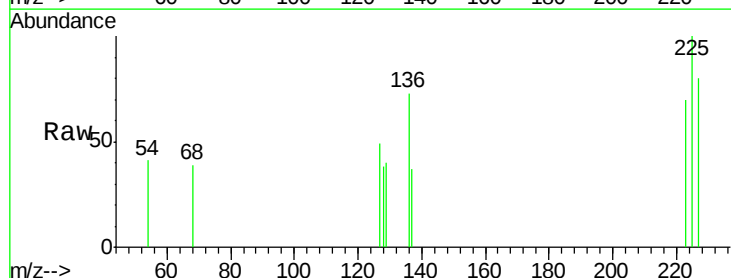
Tgt Ion:225 Resp: 266

Ion Ratio Lower Upper

225 100

223 63.2 50.6 76.0

227 63.2 51.4 77.0





#11

2-Methylnaphthalene

Concen: 0.16 ng

RT: 12.65 min Scan# 816

Delta R.T. 0.01 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

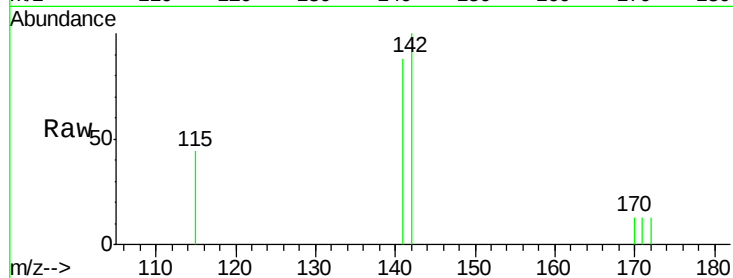
Tgt Ion:142 Resp: 1009

Ion Ratio Lower Upper

142 100

141 87.5 73.7 110.5

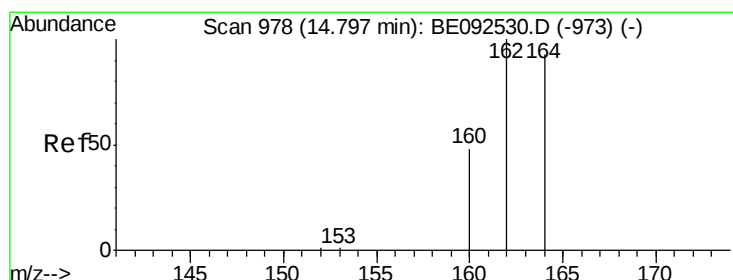
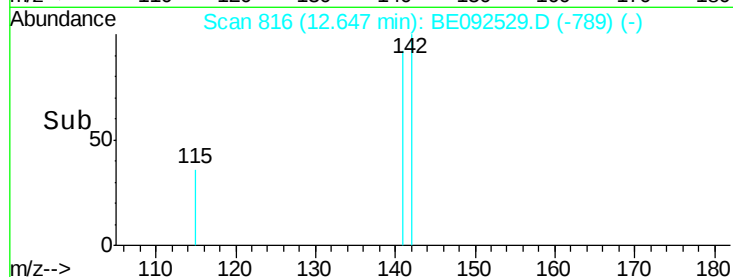
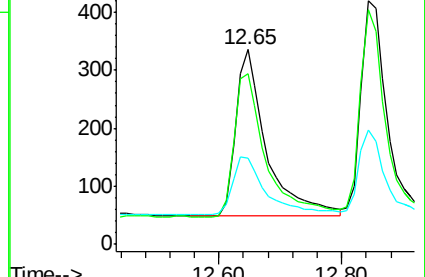
115 44.3 34.0 51.0



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: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

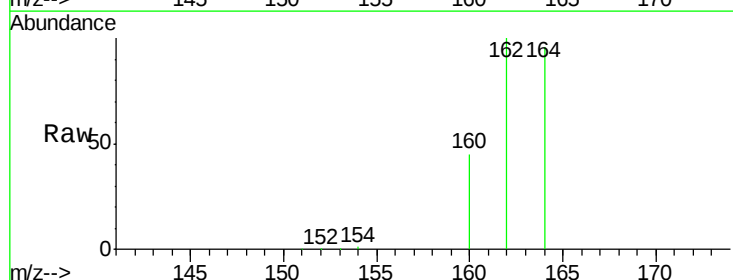
Tgt Ion:164 Resp: 31865

Ion Ratio Lower Upper

164 100

162 104.0 71.4 107.0

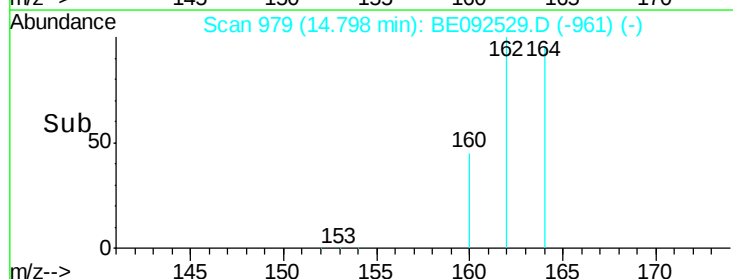
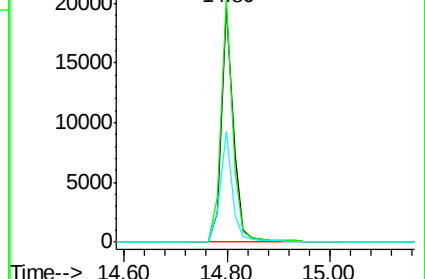
160 47.2 27.4 41.2#

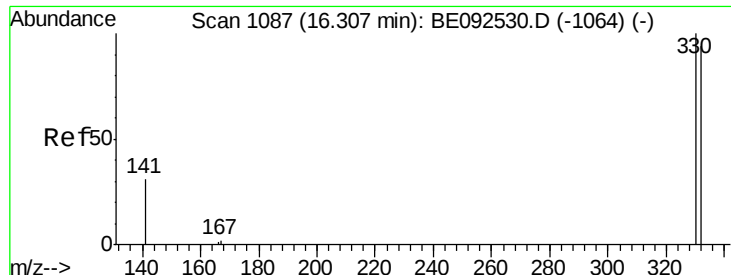


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

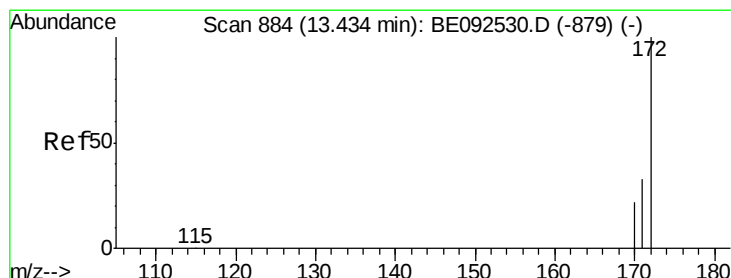
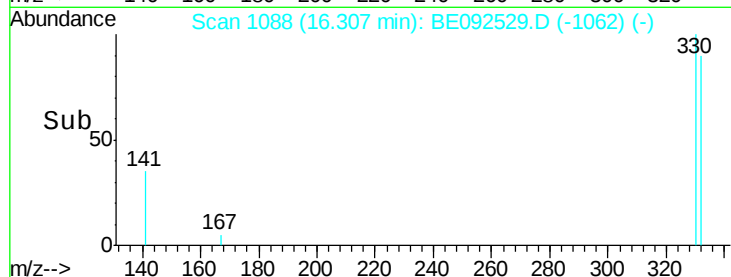
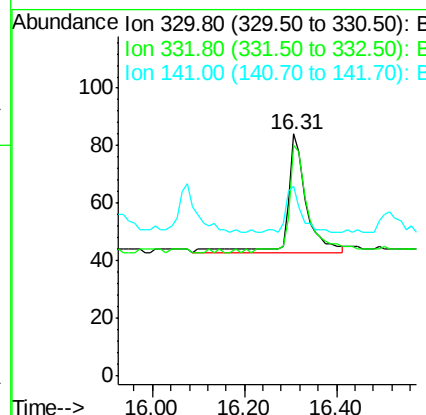
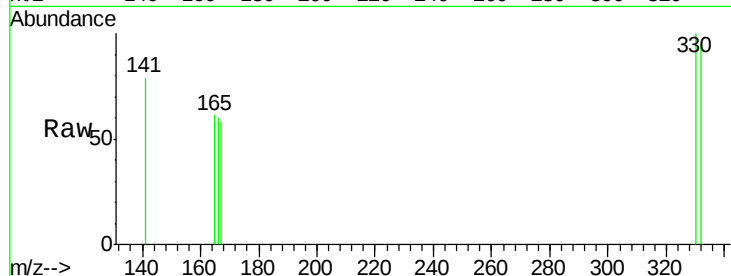




#13
 2,4,6-Tribromophenol
 Concen: 0.12 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BE092529.D
 Acq: 16 Nov 2016 11:02

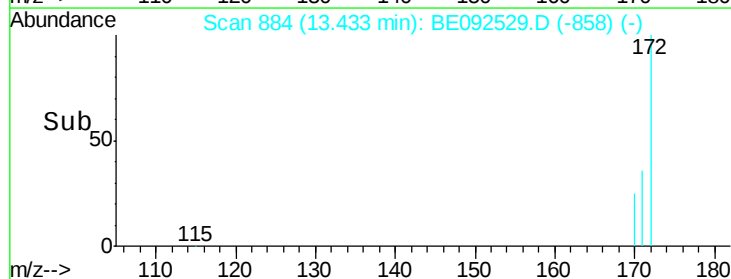
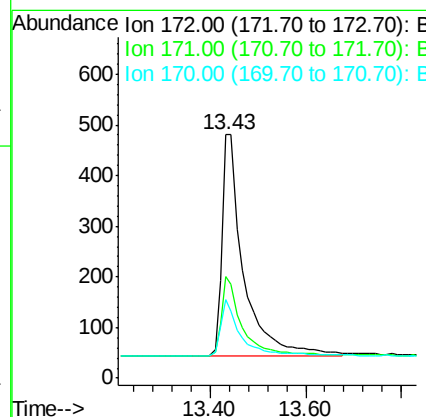
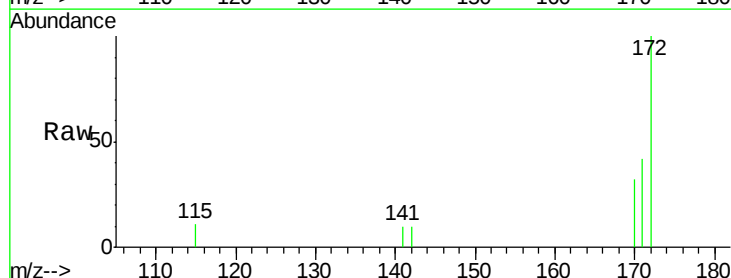
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

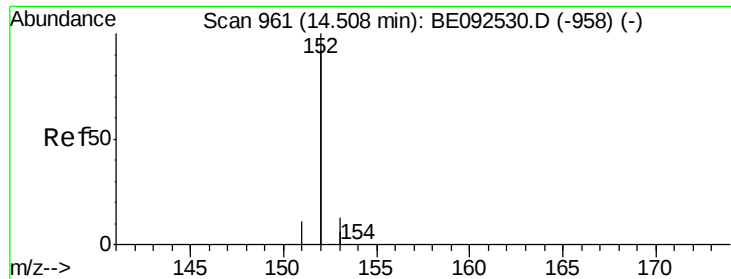
Tgt Ion: 330 Resp: 112
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.4 113.0
 141 33.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 0.18 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BE092529.D
 Acq: 16 Nov 2016 11:02

Tgt Ion: 172 Resp: 1381
 Ion Ratio Lower Upper
 172 100
 171 41.8 30.1 45.1
 170 32.4 21.8 32.6





#15

Acenaphthylene

Concen: 0.17 ng

RT: 14.51 min Scan# 962

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

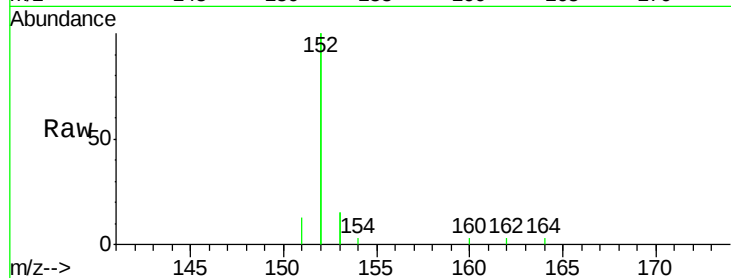
Tgt Ion:152 Resp: 7551

Ion Ratio Lower Upper

152 100

151 5.0 3.9 5.9

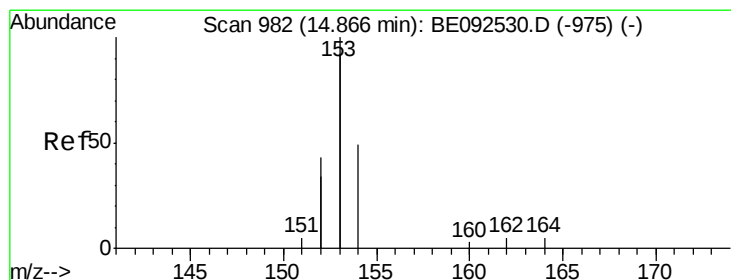
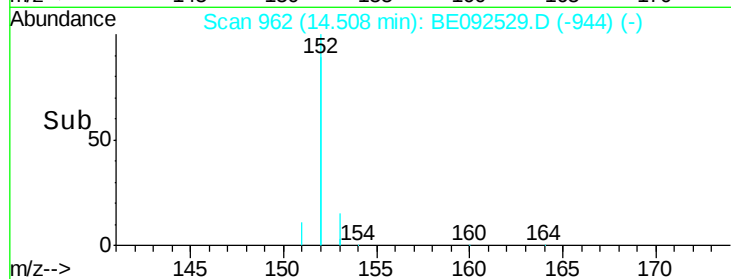
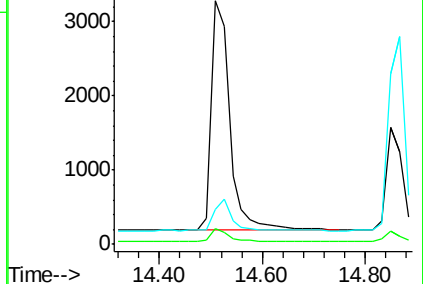
153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.19 ng

RT: 14.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

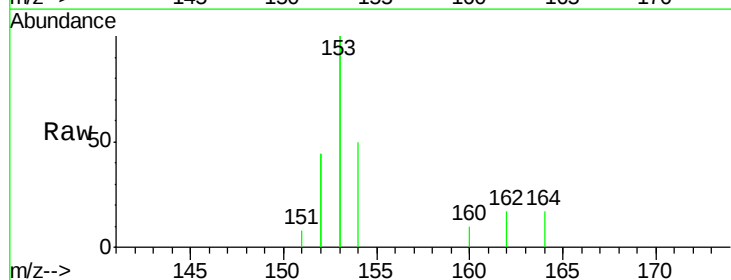
Tgt Ion:154 Resp: 1384

Ion Ratio Lower Upper

154 100

153 413.4 350.8 526.2

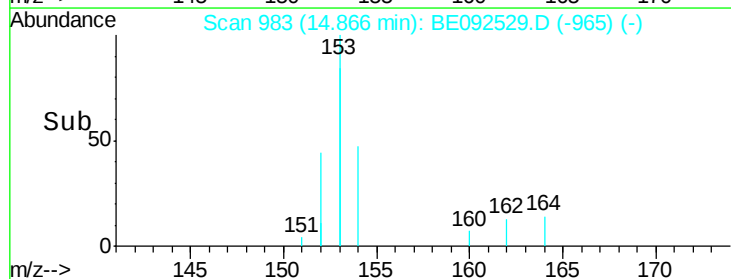
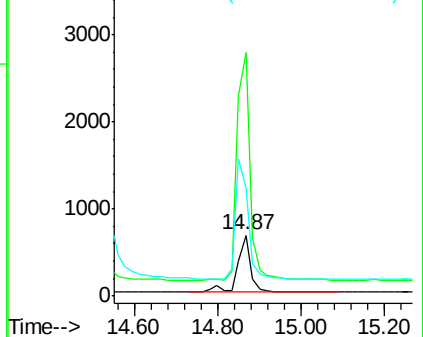
152 212.4 171.1 256.7

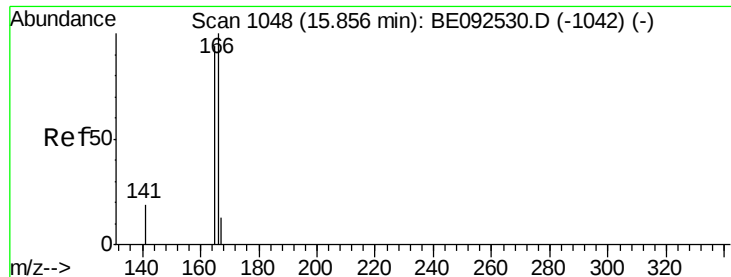


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

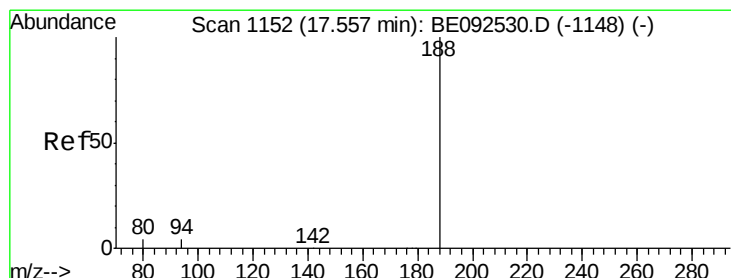
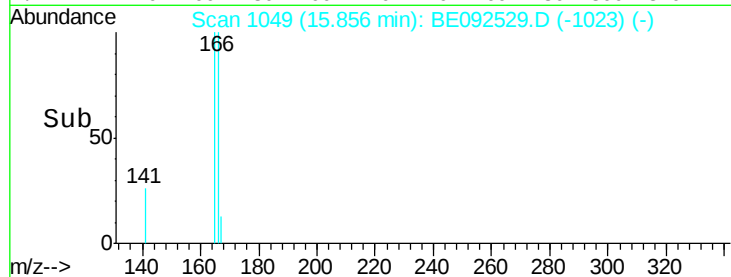
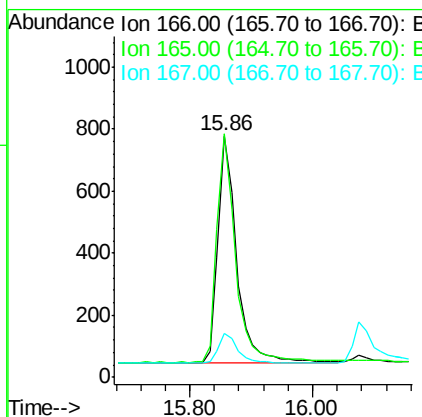
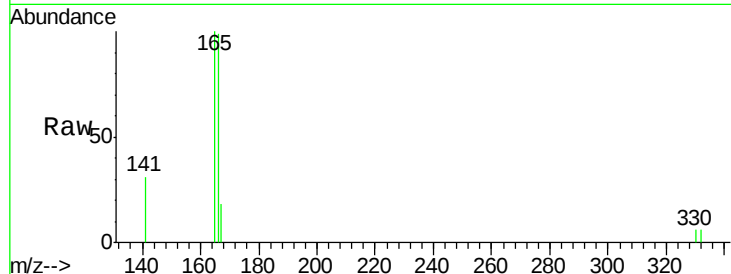




#17
Fluorene
 Concen: 0.17 ng
 RT: 15.86 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BE092529.D
 Acq: 16 Nov 2016 11:02

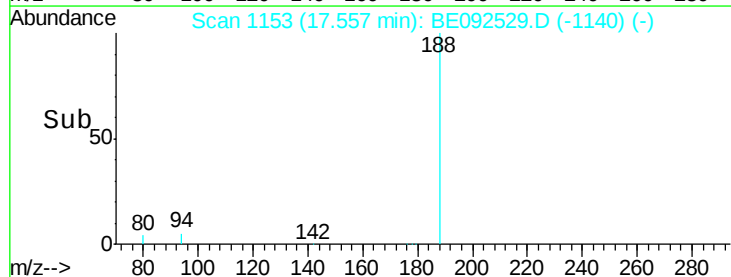
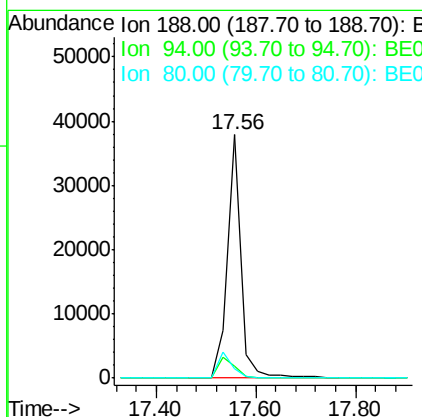
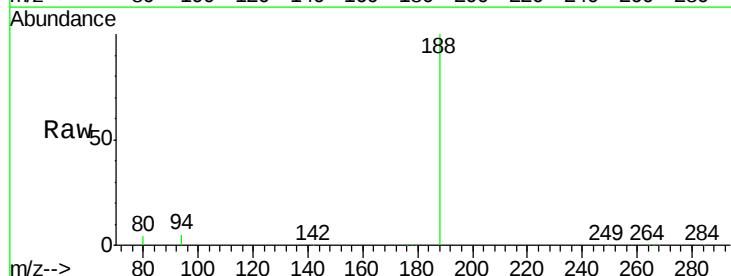
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:166 Resp: 1545
 Ion Ratio Lower Upper
 166 100
 165 100.1 78.2 117.4
 167 13.8 11.0 16.4



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.56 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE092529.D
 Acq: 16 Nov 2016 11:02

Tgt Ion:188 Resp: 71267
 Ion Ratio Lower Upper
 188 100
 94 4.7 3.2 4.8
 80 4.0 2.6 3.8#

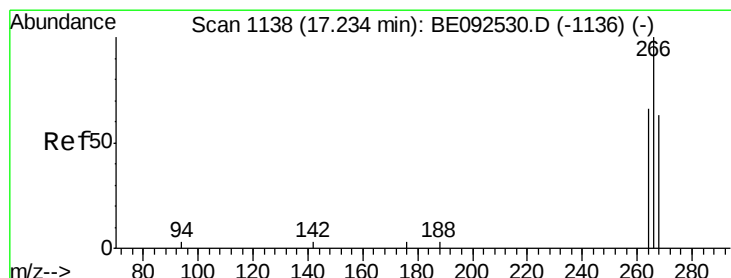
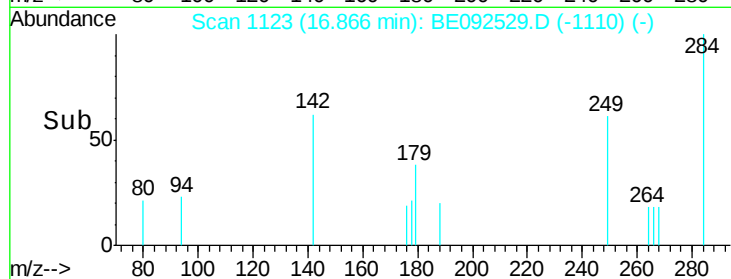
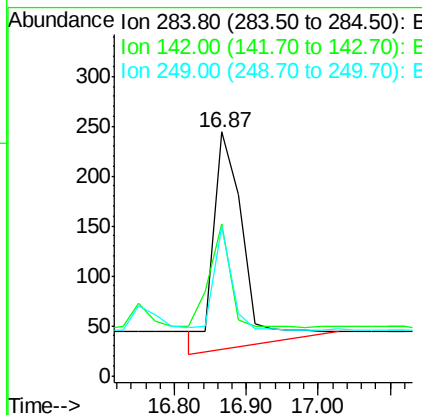
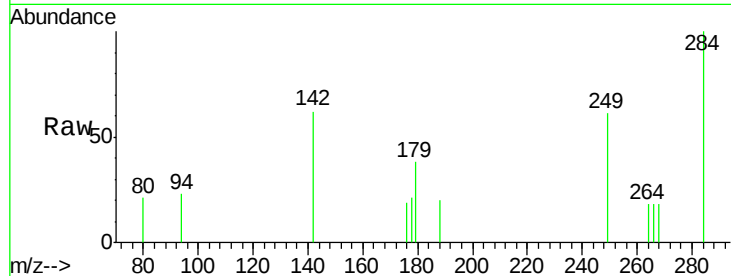




#19
Hexachlorobenzene
Concen: 0.23 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

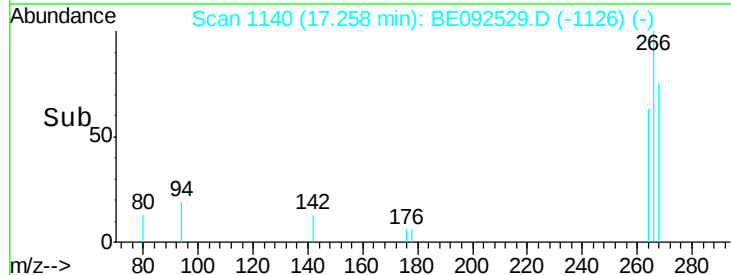
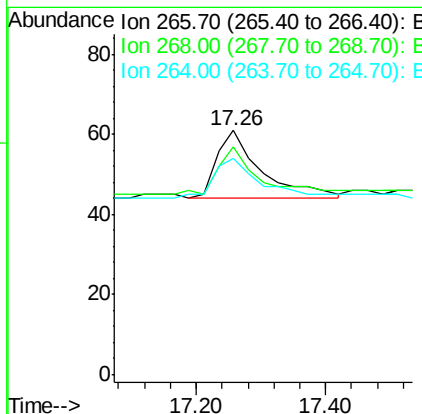
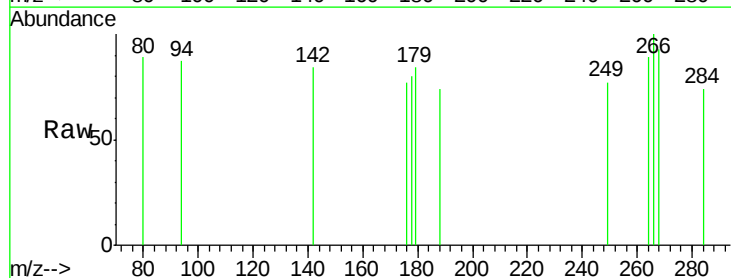
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

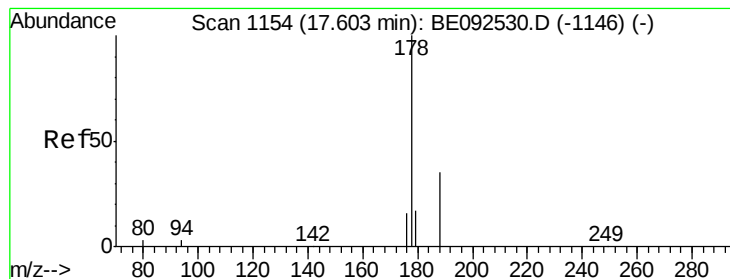
Tgt Ion: 284 Resp: 629
Ion Ratio Lower Upper
284 100
142 50.6 29.1 43.7#
249 43.6 27.9 41.9#



#20
Pentachlorophenol
Concen: 0.11 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion: 266 Resp: 82
Ion Ratio Lower Upper
266 100
268 93.4 62.5 93.7
264 88.5 57.2 85.8#





#21

Phenanthrene

Concen: 0.19 ng

RT: 17.60 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

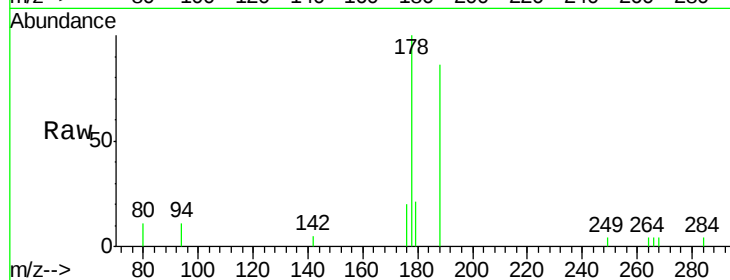
Tgt Ion:178 Resp: 2862

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

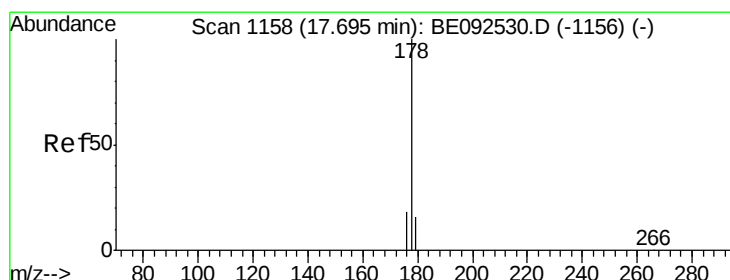
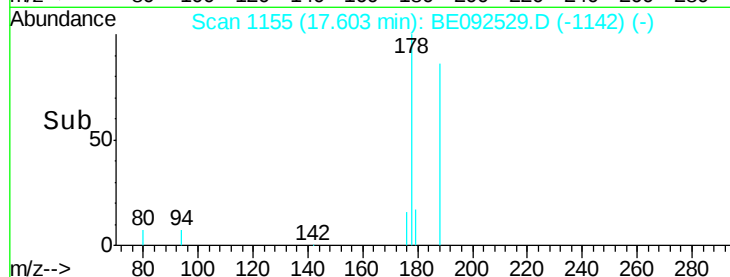
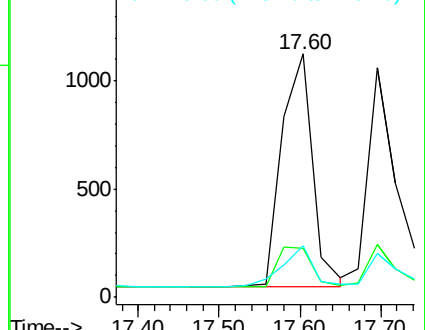
179 17.2 16.0 24.0



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: 17.70 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

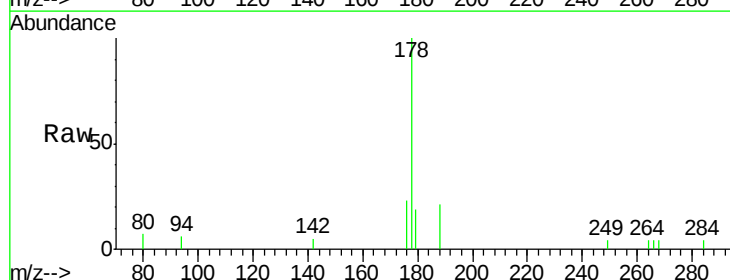
Tgt Ion:178 Resp: 2621

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

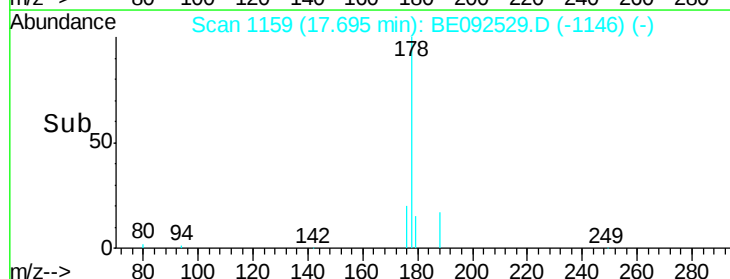
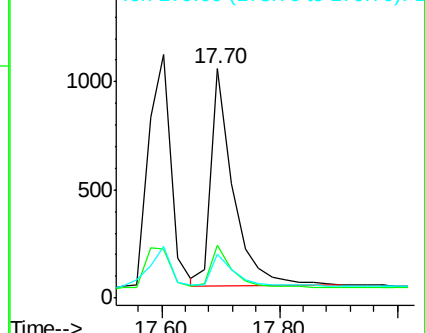
179 15.9 12.2 18.2

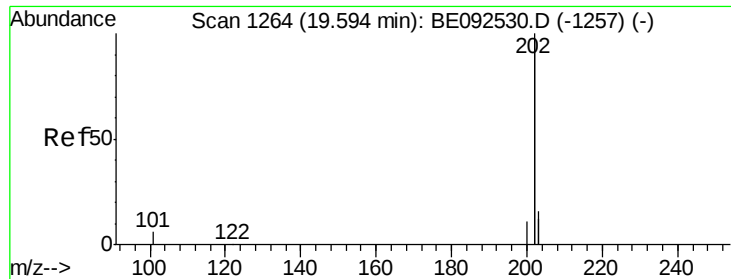


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.17 ng

RT: 19.59 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

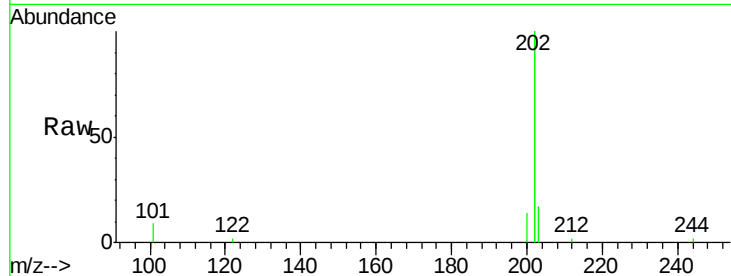
Tgt Ion:202 Resp: 12880

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

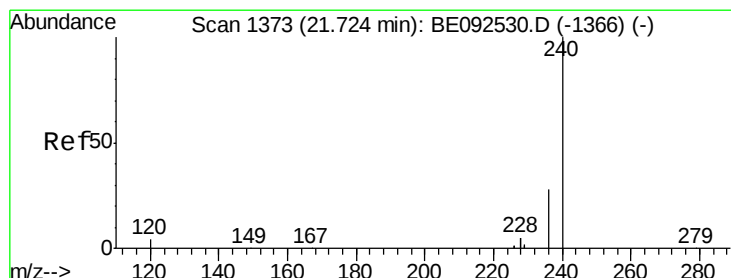
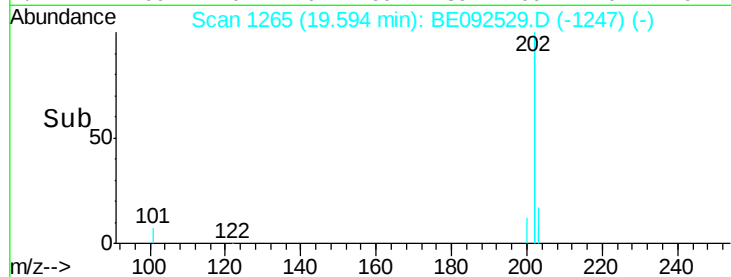
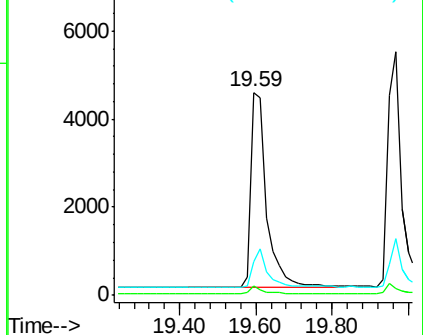
203 17.6 13.7 20.5



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# 1374

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

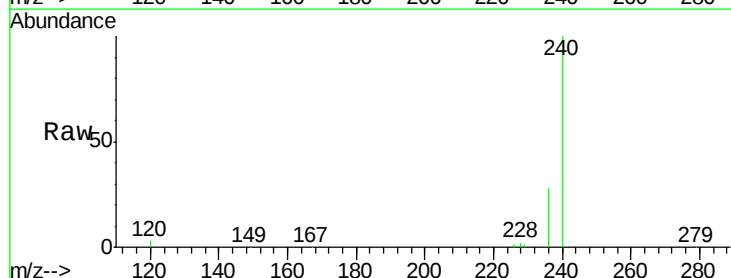
Tgt Ion:240 Resp: 102603

Ion Ratio Lower Upper

240 100

120 3.3 2.6 4.0

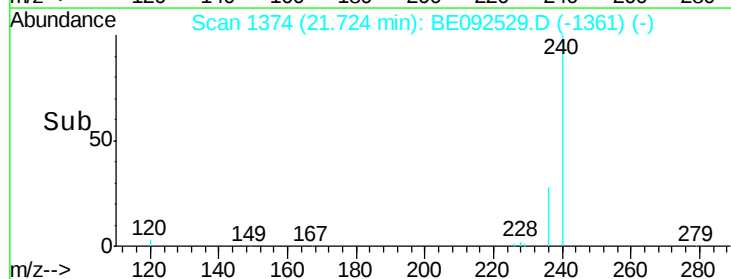
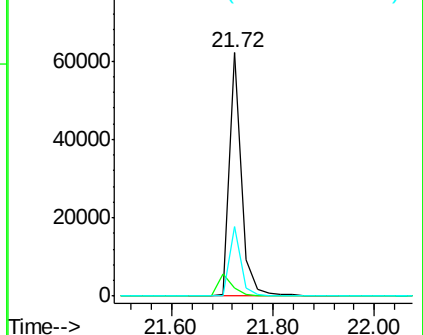
236 28.5 24.6 37.0



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: 0.16 ng

RT: 19.97 min Scan# 1287

Delta R.T. 0.02 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

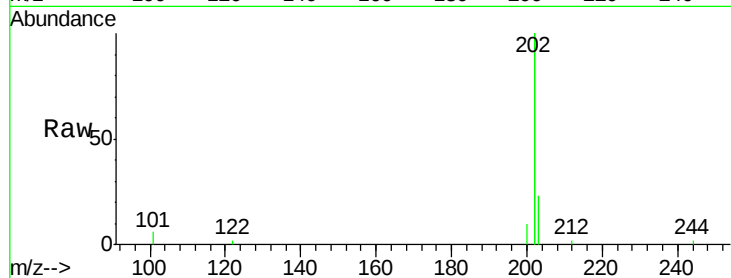
Tgt Ion: 202 Resp: 13390

Ion Ratio Lower Upper

202 100

200 5.3 4.2 6.4

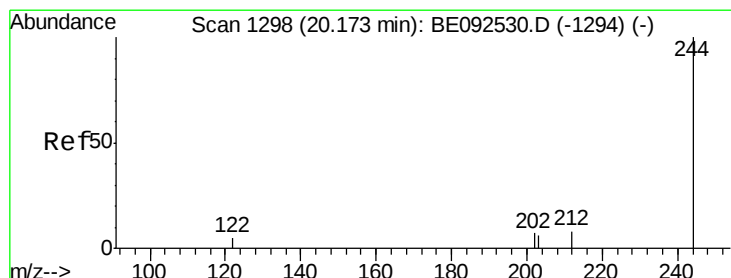
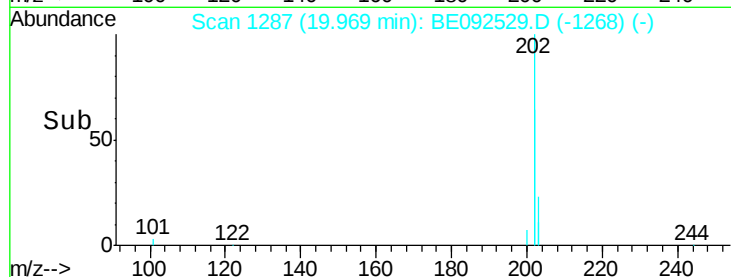
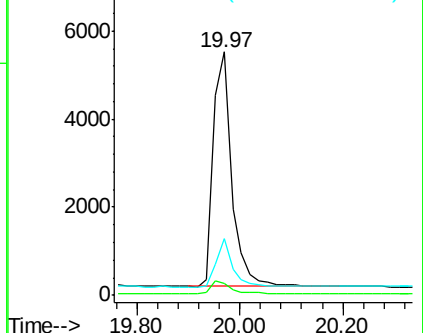
203 17.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 0.15 ng

RT: 20.17 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

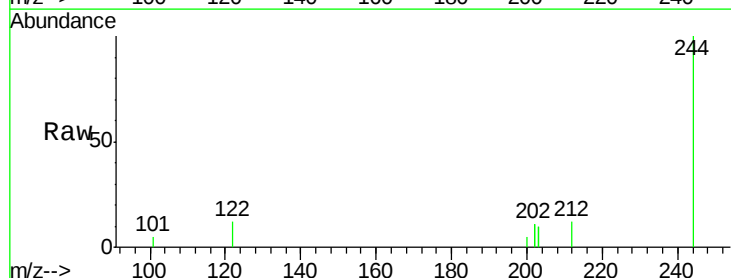
Tgt Ion: 244 Resp: 1929

Ion Ratio Lower Upper

244 100

212 12.4 6.7 10.1#

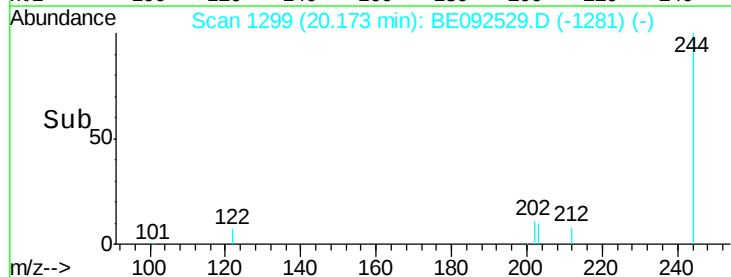
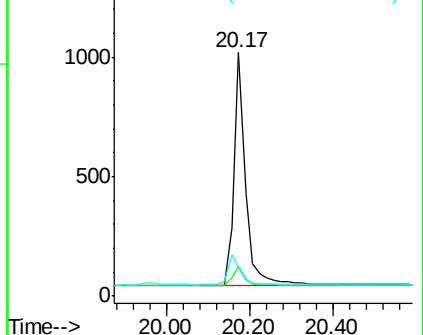
122 11.6 3.6 5.4#

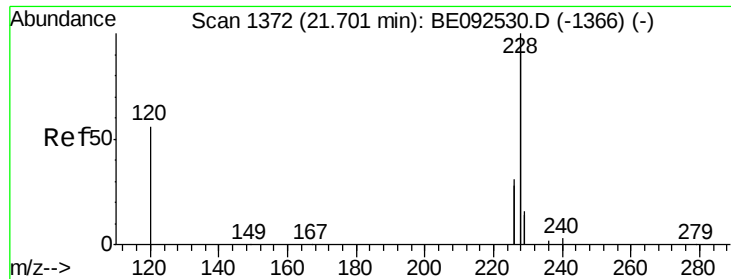


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.32 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

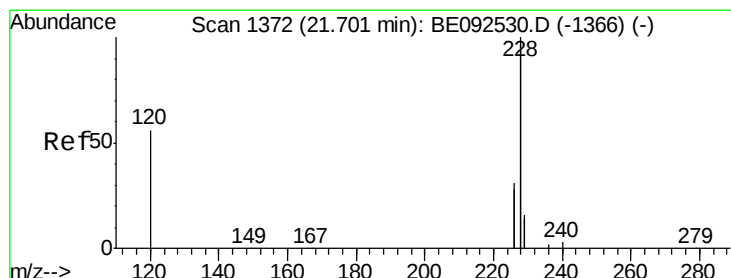
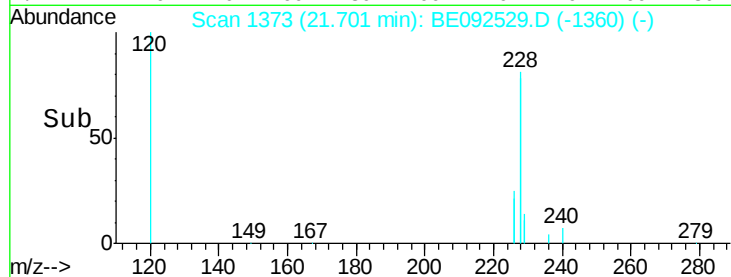
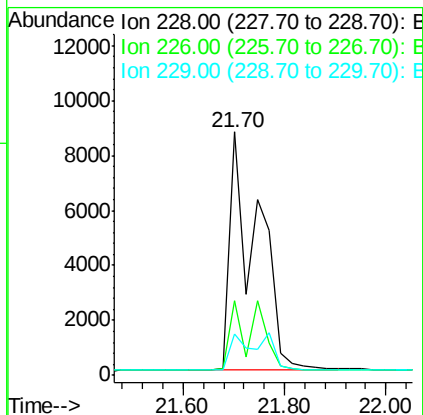
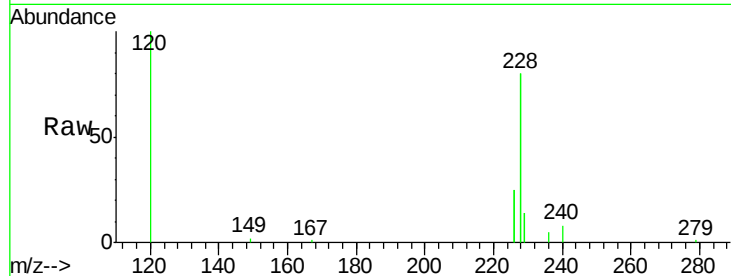
Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion:228 Resp: 32799

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	17.2	13.3	19.9



#28

Chrysene

Concen: 0.30 ng

RT: 21.70 min Scan# 1373

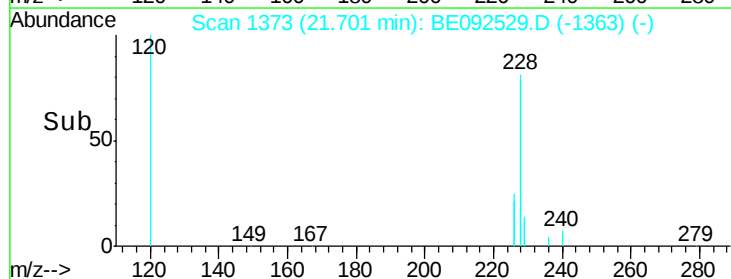
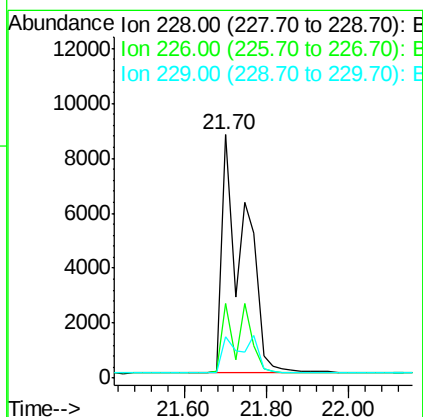
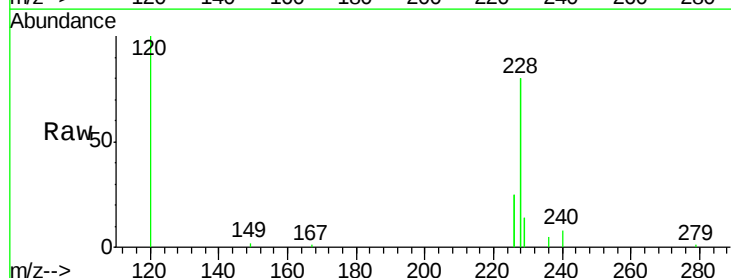
Delta R.T. -0.07 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Tgt Ion:228 Resp: 32986

Ion	Ratio	Lower	Upper
228	100		
226	30.6	36.3	54.5#
229	17.2	10.6	16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampled :

SSTDIC0.2

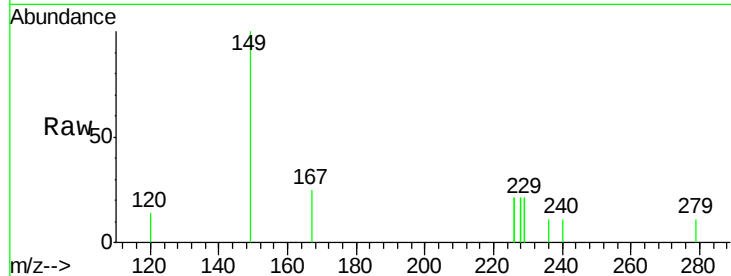
Tgt Ion:149 Resp: 1011

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

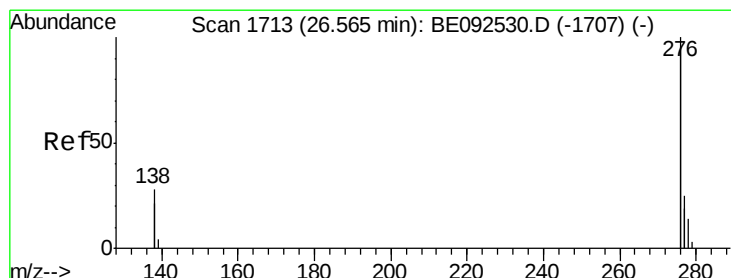
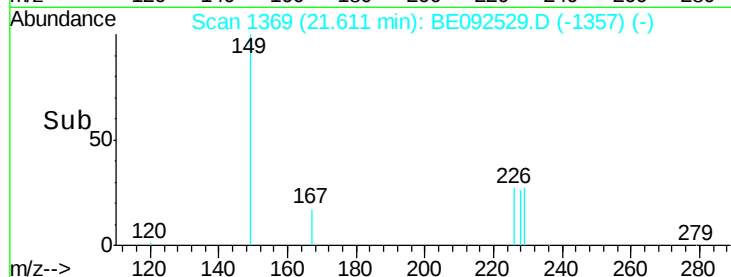
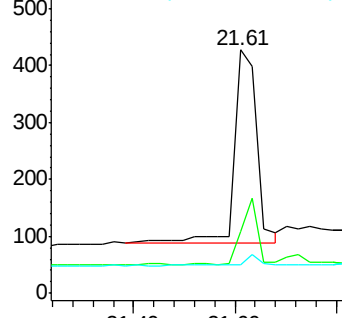
279 0.0 16.0 24.0#



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: 0.14 ng

RT: 26.58 min Scan# 1715

Delta R.T. 0.02 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

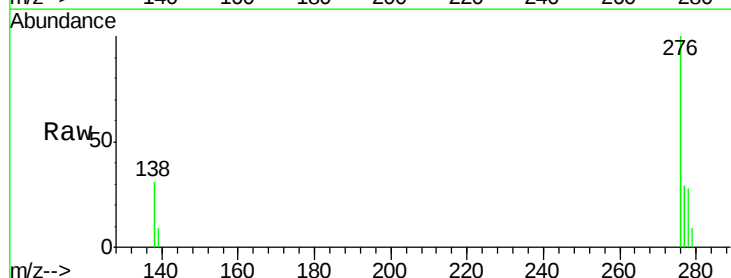
Tgt Ion:276 Resp: 16408

Ion Ratio Lower Upper

276 100

138 26.6 20.3 30.5

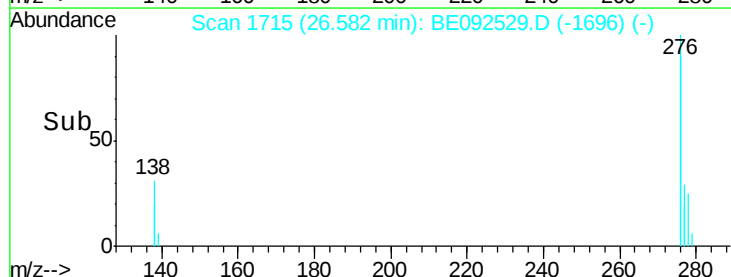
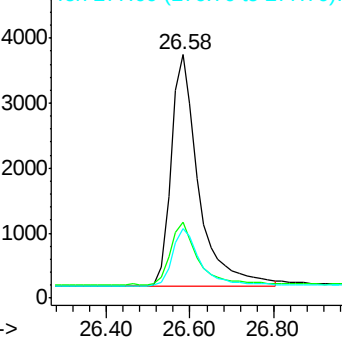
277 25.1 19.7 29.5

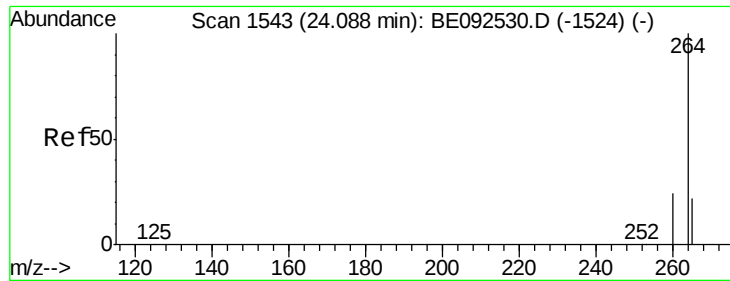


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

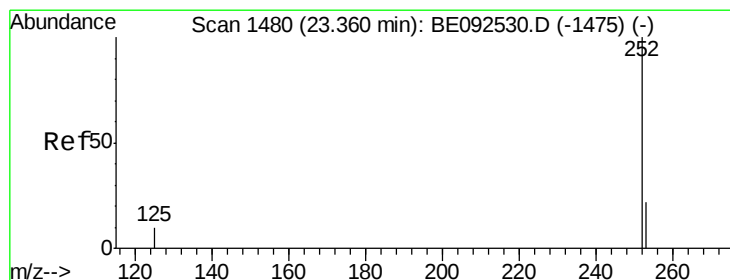
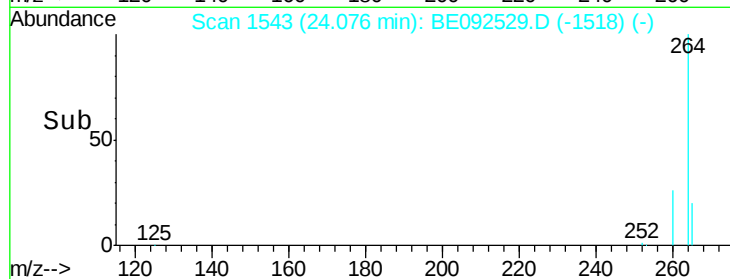
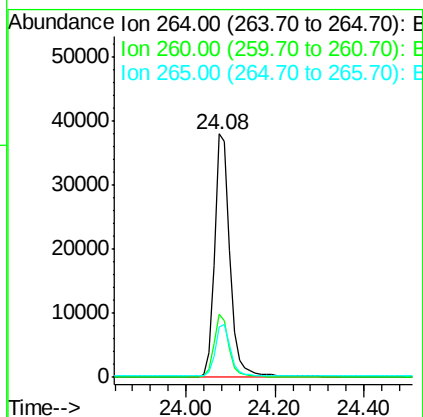
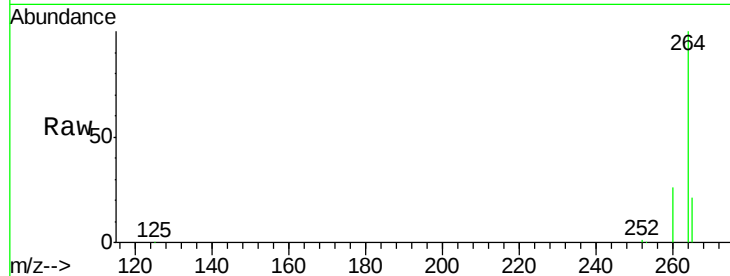




#31
Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092529.D
 Acq: 16 Nov 2016 11:02

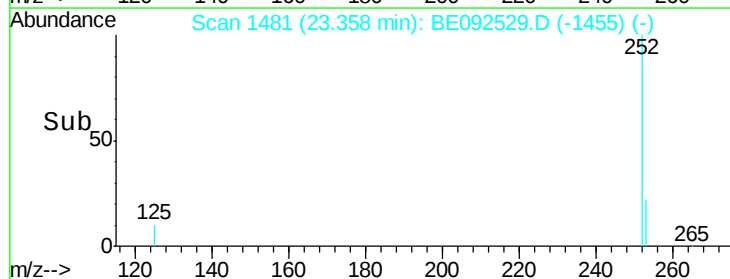
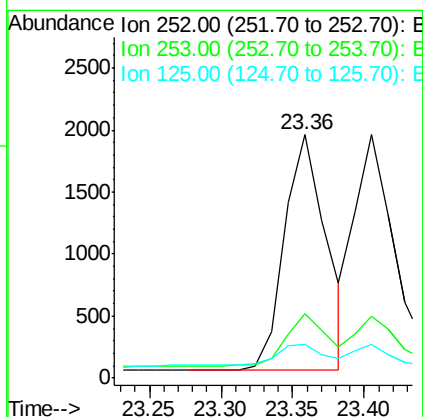
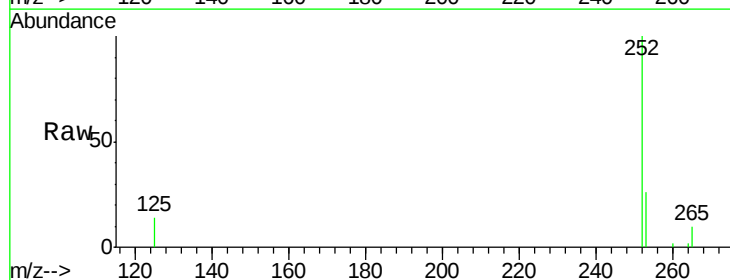
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion: 264 Resp: 91872
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.1 30.1
 265 20.7 17.9 26.9



#32
Benzo(b)fluoranthene
 Concen: 0.11 ng
 RT: 23.36 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BE092529.D
 Acq: 16 Nov 2016 11:02

Tgt Ion: 252 Resp: 3804
 Ion Ratio Lower Upper
 252 100
 253 26.4 18.7 28.1
 125 13.8 10.5 15.7





#33

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 23.40 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

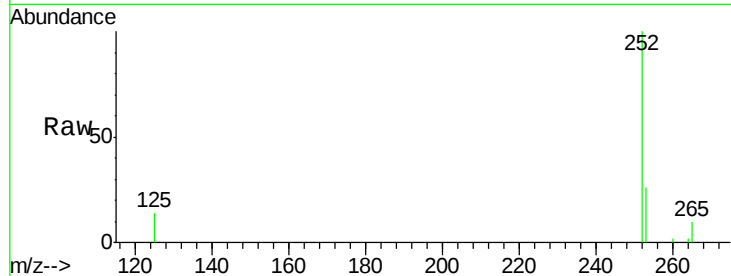
Tgt Ion:252 Resp: 4103

Ion Ratio Lower Upper

252 100

253 25.6 20.3 30.5

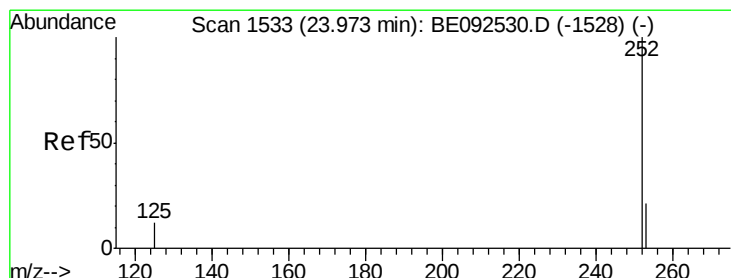
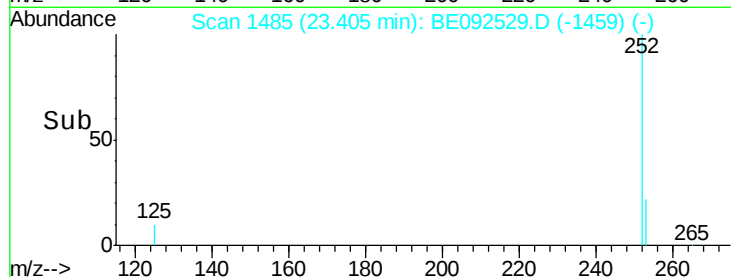
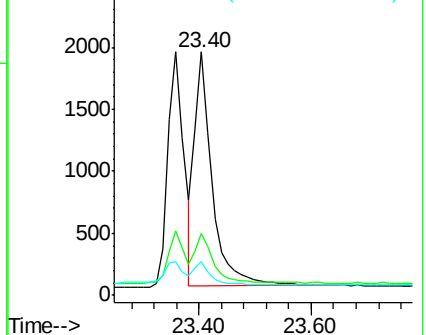
125 13.9 9.6 14.4



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: 0.14 ng

RT: 23.97 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

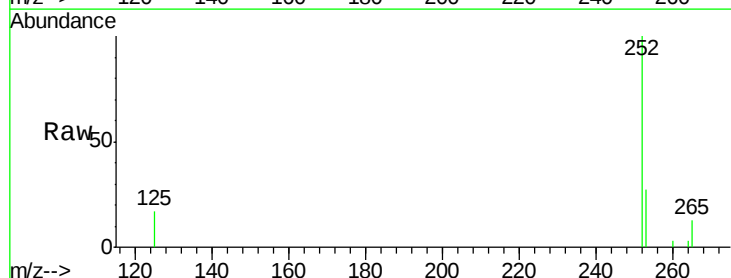
Tgt Ion:252 Resp: 3314

Ion Ratio Lower Upper

252 100

253 27.3 19.0 28.6

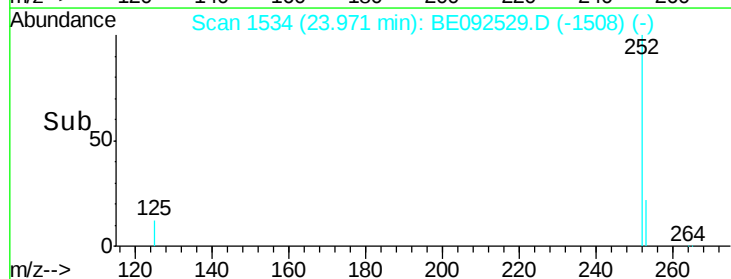
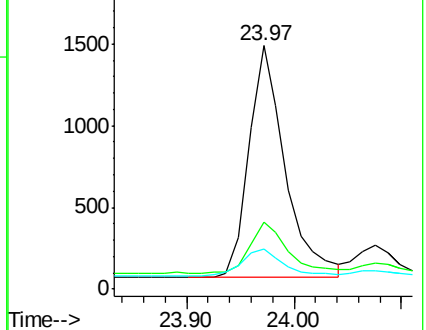
125 16.7 11.8 17.8

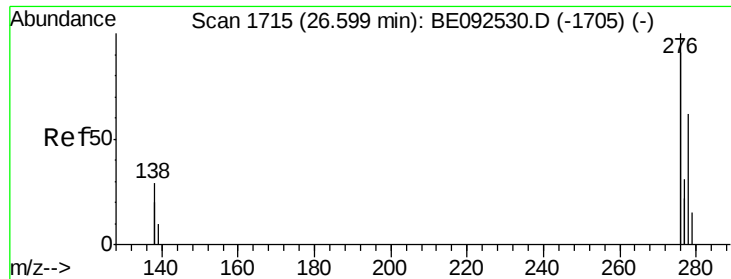


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Dibenzo(a,h)anthracene

Concen: 0.15 ng

RT: 26.60 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

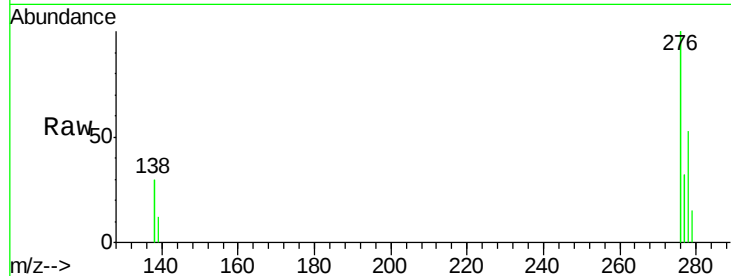
Tgt Ion: 278 Resp: 3347

Ion Ratio Lower Upper

278 100

139 21.8 13.8 20.8#

279 28.4 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

26.60

800

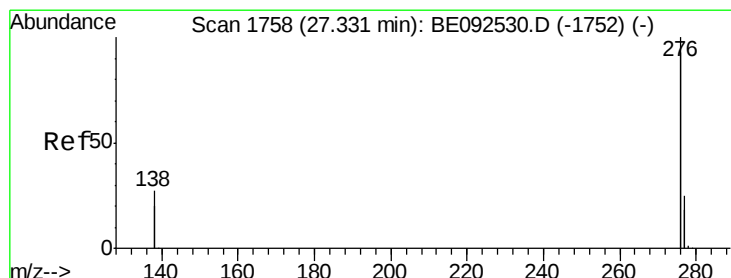
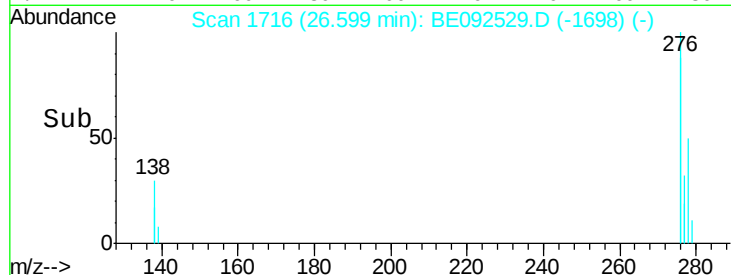
600

400

200

0

Time--> 26.40 26.60 26.80



#36

Benzo(g,h,i)perylene

Concen: 0.16 ng

RT: 27.35 min Scan# 1760

Delta R.T. 0.02 min

Lab File: BE092529.D

Acq: 16 Nov 2016 11:02

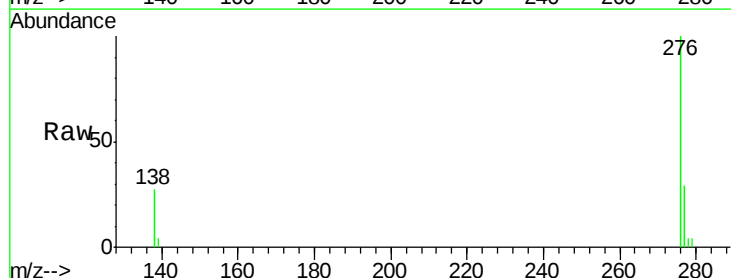
Tgt Ion: 276 Resp: 14775

Ion Ratio Lower Upper

276 100

277 28.8 19.8 29.8

138 26.7 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

27.35

4000

3000

2000

1000

0

Time--> 27.20 27.40 27.60

