

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
 Data File : BE092564.D
 Acq On : 18 Nov 2016 13:34
 Operator : UM/SJ
 Sample : PB94548BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94548BL

Quant Time: Nov 18 23:22:25 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 15:43:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	33917	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	147831	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	94851	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	175171	5.00	ng	0.00
24) Chrysene-d12	21.72	240	233909	5.00	ng	0.00
31) Perylene-d12	24.08	264	240657	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.64	112	305949	53.41	ng	-0.03
5) Phenol-d6	7.31	99	419808	43.40	ng	-0.05
8) Nitrobenzene-d5	9.29	82	242047	24.90	ng	-0.07
13) 2,4,6-Tribromophenol	16.28	330	102475	48.16	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	484210	20.94	ng	-0.02
26) Terphenyl-d14	20.16	244	570464	21.33	ng	-0.02

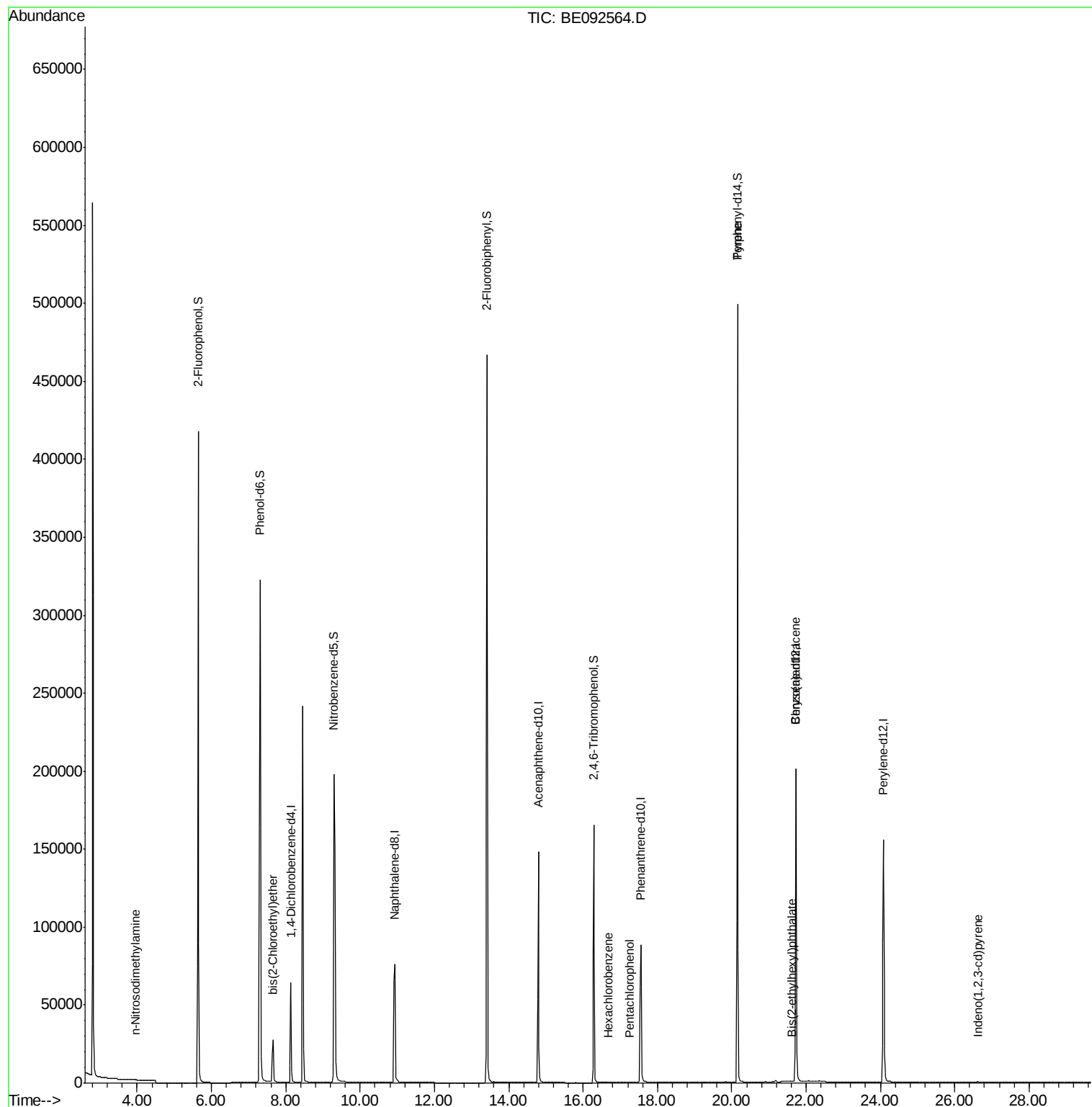
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	6	Below Cal	#	19
3) n-Nitrosodimethylamine	3.95	42	18	0.18 ng	#	7
6) bis(2-Chloroethyl)ether	7.66	93	456	0.08 ng	#	1
19) Hexachlorobenzene	16.68	284	286	0.04 ng	#	1
20) Pentachlorophenol	17.26	266	28	0.03 ng	#	73
25) Pyrene	20.16	202	8941	0.05 ng	#	94
27) Benzo(a)anthracene	21.72	228	2741	0.11 ng	#	62
29) Bis(2-ethylhexyl)phthalate	21.61	149	143	0.13 ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.62	276	634	0.05 ng	#	95

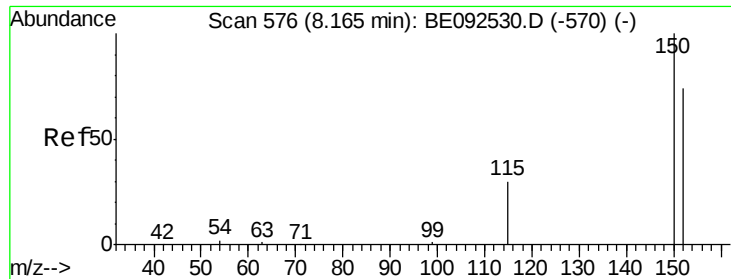
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111816\
Data File : BE092564.D
Acq On : 18 Nov 2016 13:34
Operator : UM/SJ
Sample : PB94548BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB94548BL

Quant Time: Nov 18 23:22:25 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 15:43:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.02 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

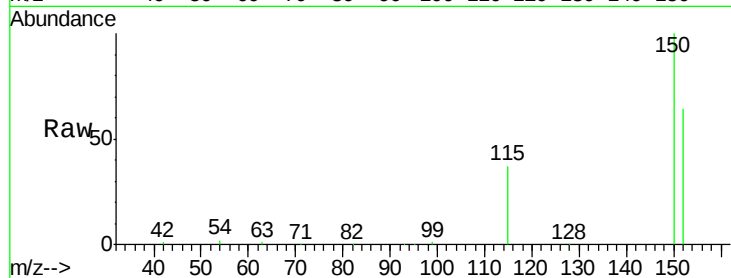
Tgt Ion:152 Resp: 33917

Ion Ratio Lower Upper

152 100

150 155.2 106.0 159.0

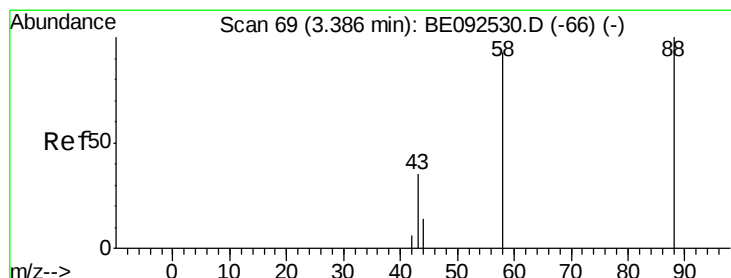
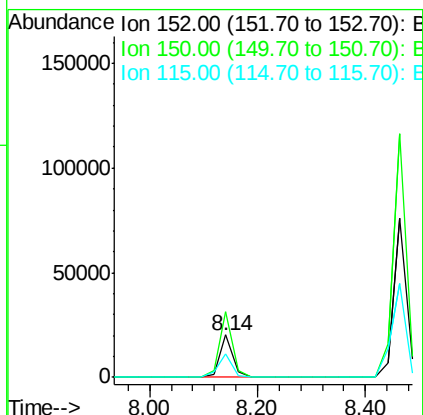
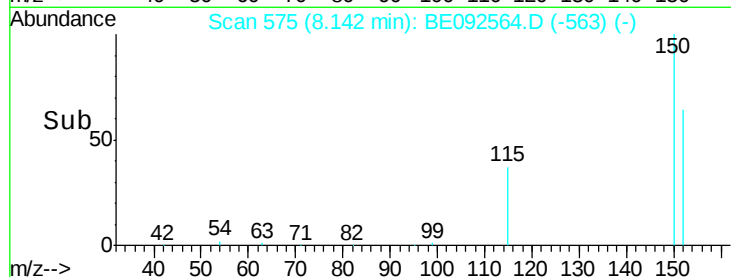
115 56.9 31.2 46.8#



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: Below Cal

RT: 3.56 min Scan# 84

Delta R.T. 0.17 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

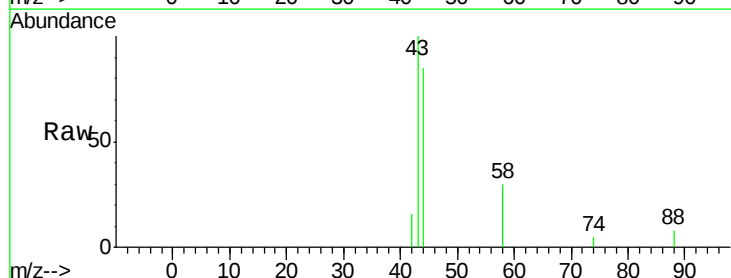
Tgt Ion: 88 Resp: 6

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

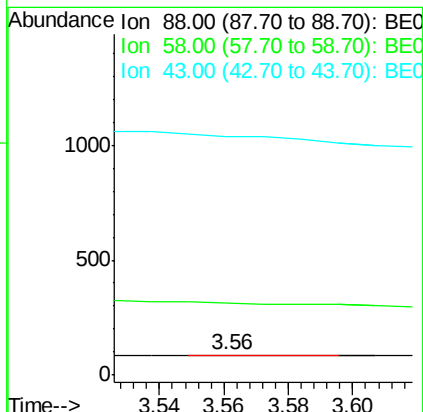
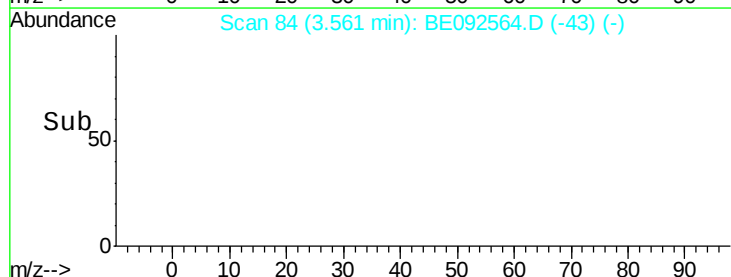
43 0.0 28.0 42.0#

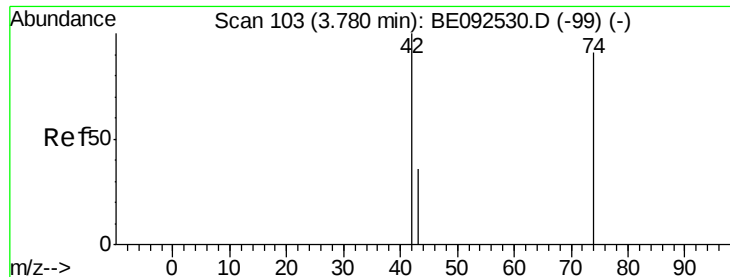


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.18 ng

RT: 3.95 min Scan# 118

Delta R.T. 0.17 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

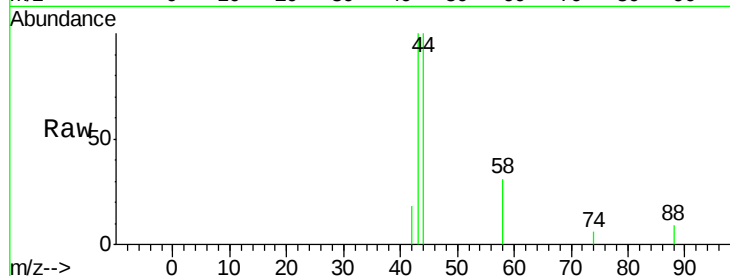
Tgt Ion: 42 Resp: 18

Ion Ratio Lower Upper

42 100

74 5.6 86.0 129.0#

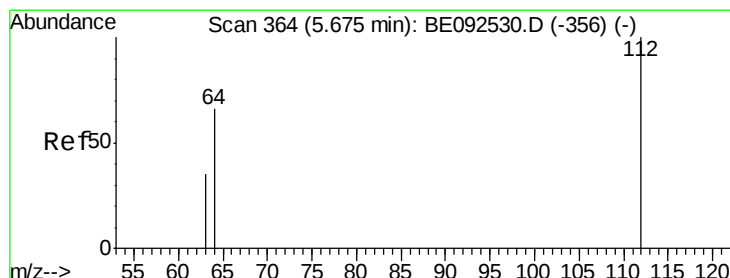
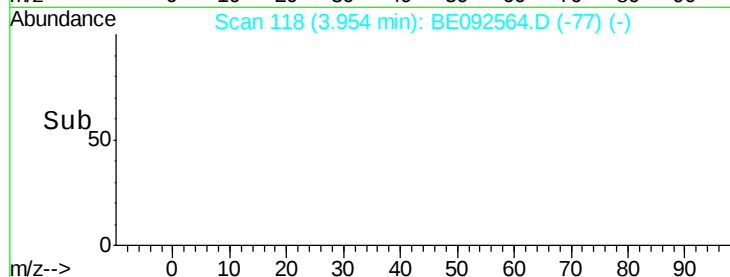
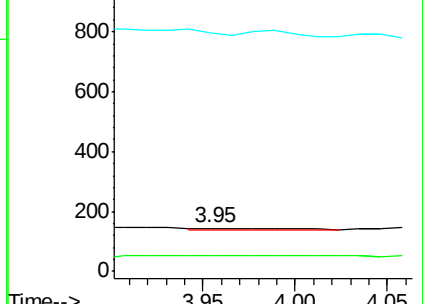
44 0.0 5.1 7.7#



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



#4

2-Fluorophenol

Concen: 53.41 ng

RT: 5.64 min Scan# 358

Delta R.T. -0.03 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

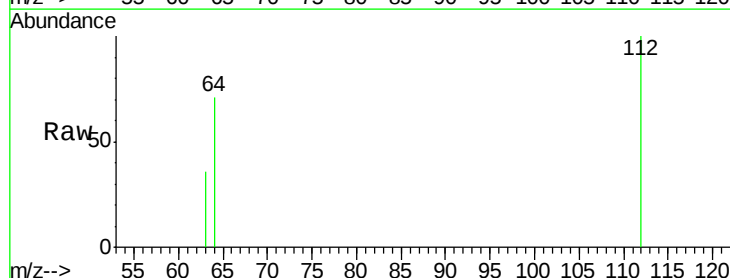
Tgt Ion: 112 Resp: 305949

Ion Ratio Lower Upper

112 100

64 70.4 53.5 80.3

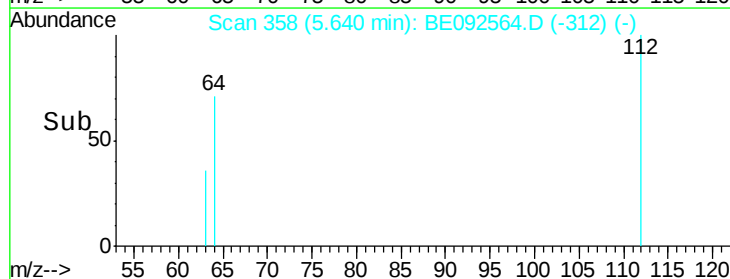
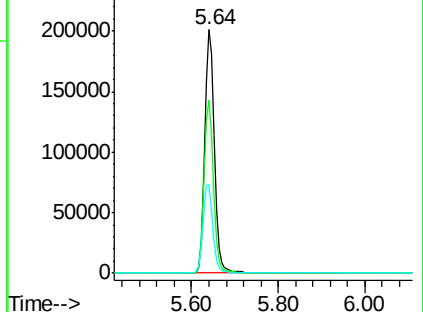
63 37.3 27.9 41.9



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: 43.40 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

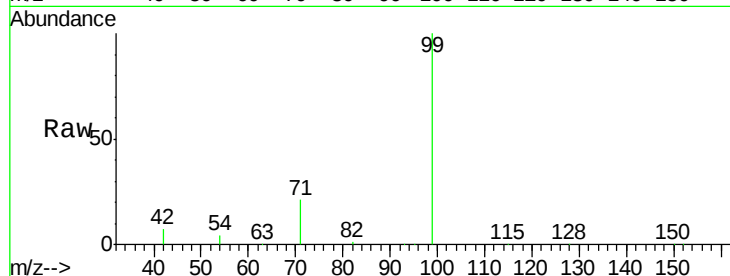
Tgt Ion: 99 Resp: 419808

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

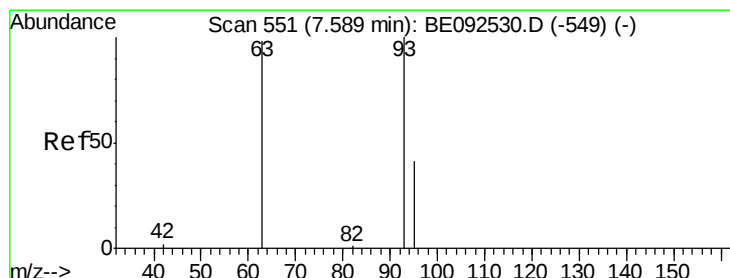
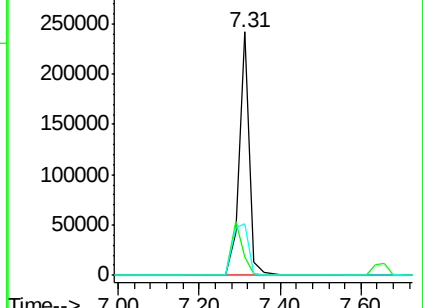
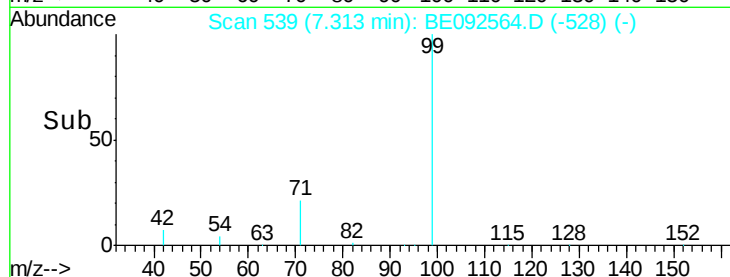
71 33.7 30.6 45.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

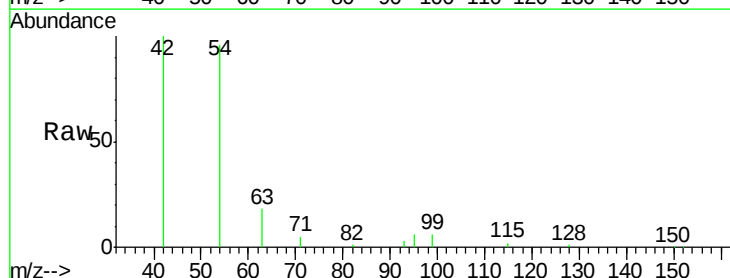
Tgt Ion: 93 Resp: 456

Ion Ratio Lower Upper

93 100

63 926.3 71.6 107.4#

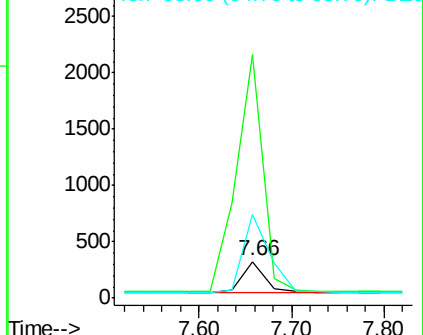
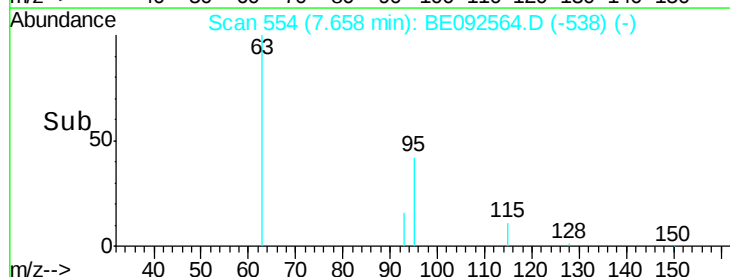
95 302.4 24.0 36.0#

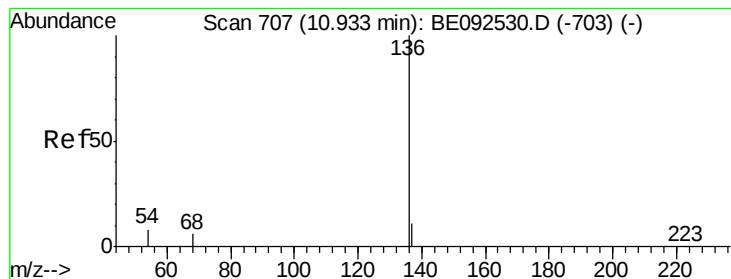


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

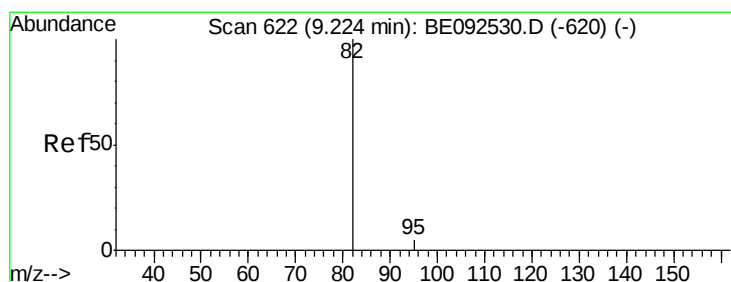
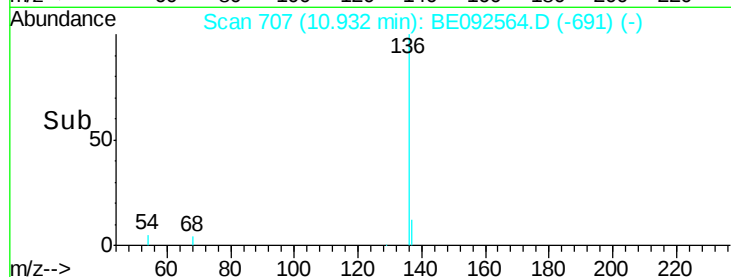
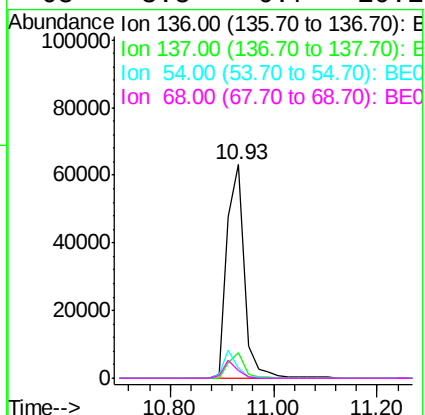
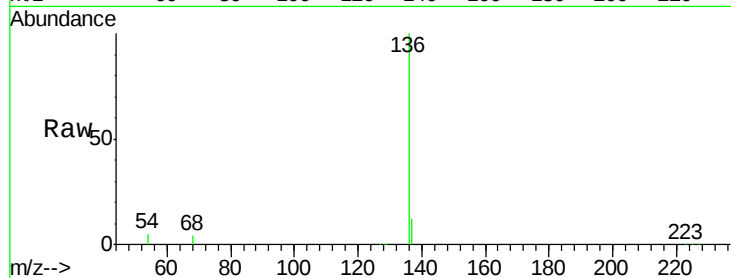
Instrument :

BNA_E

ClientSampleId :

PB94548BL

Tgt Ion:	136	Resp:	147831
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.4
54	4.8	9.6	14.4#
68	3.8	6.7	10.1#



#8

Nitrobenzene-d5

Concen: 24.90 ng

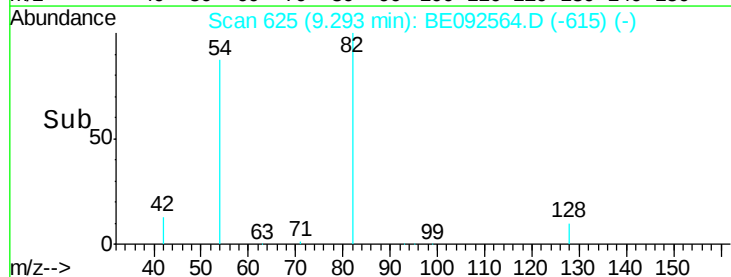
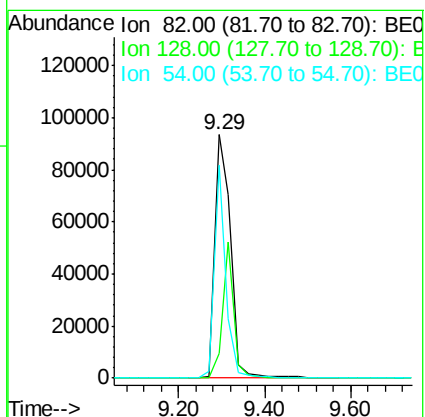
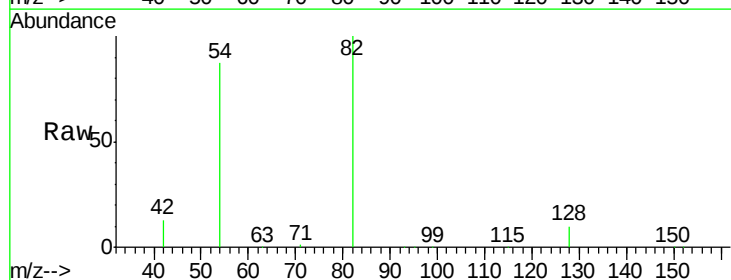
RT: 9.29 min Scan# 625

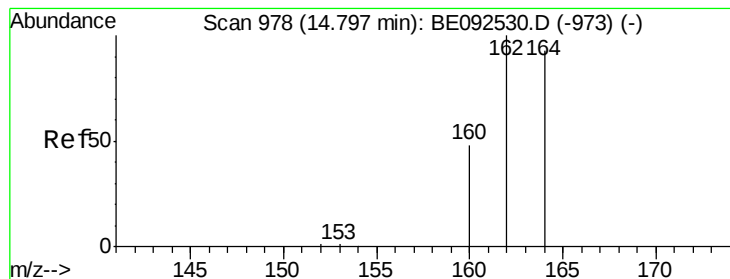
Delta R.T. -0.07 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Tgt Ion:	82	Resp:	242047
Ion	Ratio	Lower	Upper
82	100		
128	10.2	39.0	58.4#
54	87.2	44.8	67.2#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

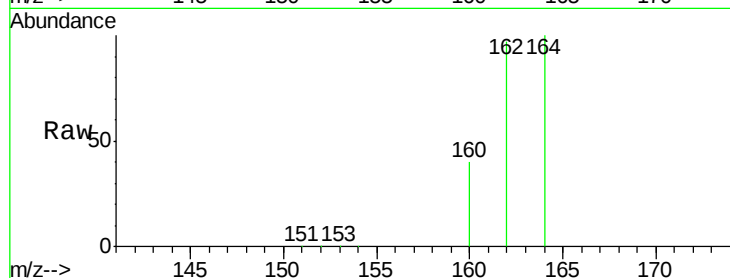
Tgt Ion:164 Resp: 94851

Ion Ratio Lower Upper

164 100

162 96.6 71.4 107.0

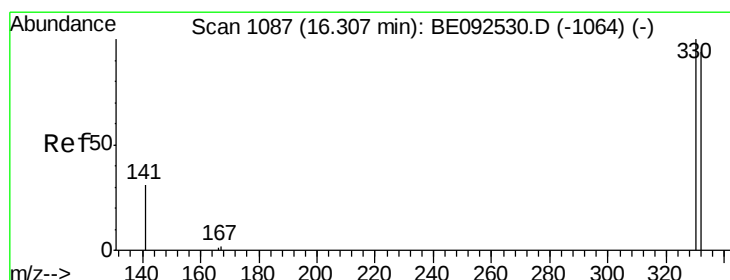
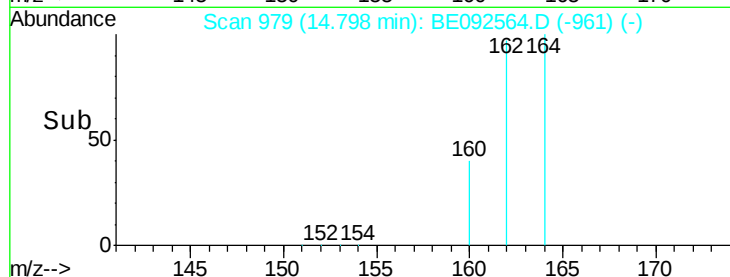
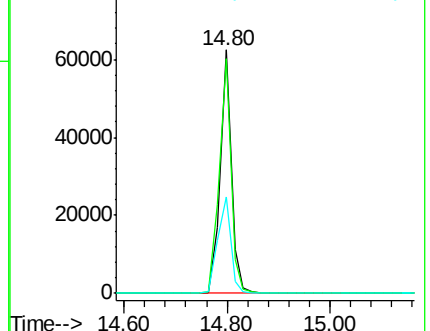
160 39.6 27.4 41.2



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: 48.16 ng

RT: 16.28 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

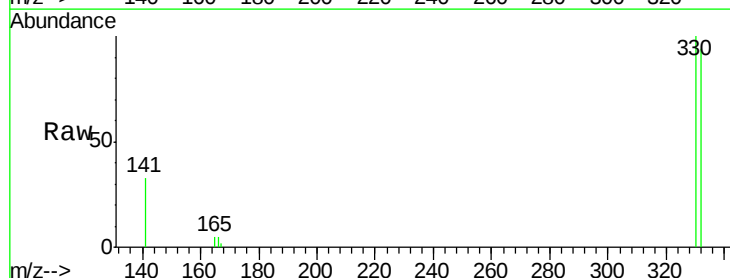
Tgt Ion:330 Resp: 102475

Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.0

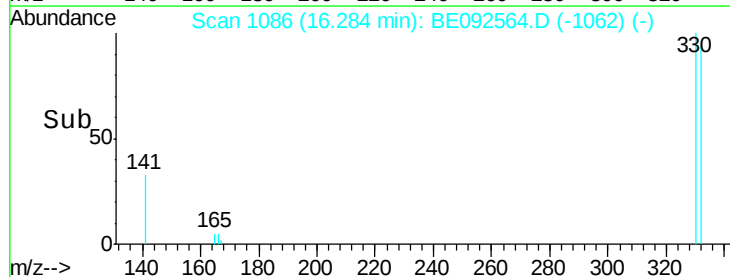
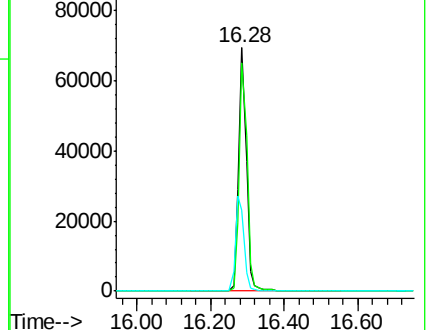
141 43.2 31.0 46.6

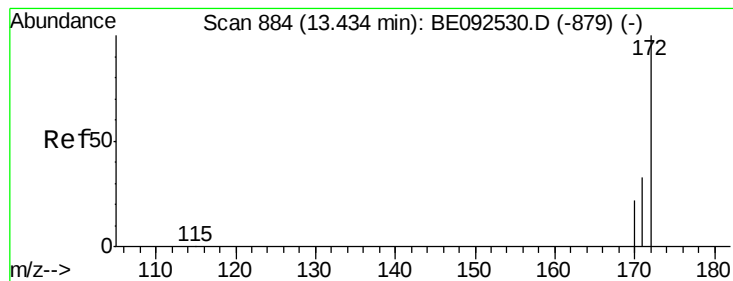


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

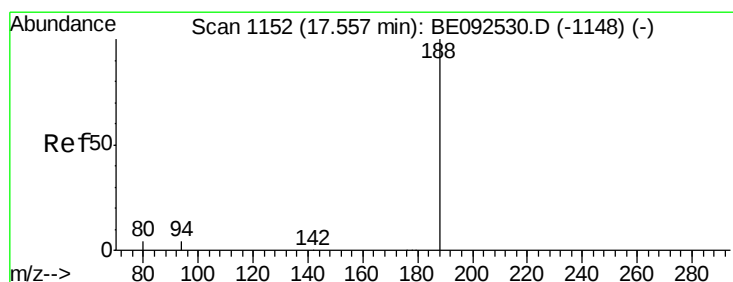
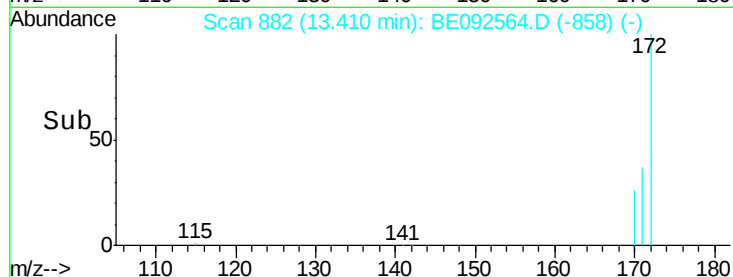
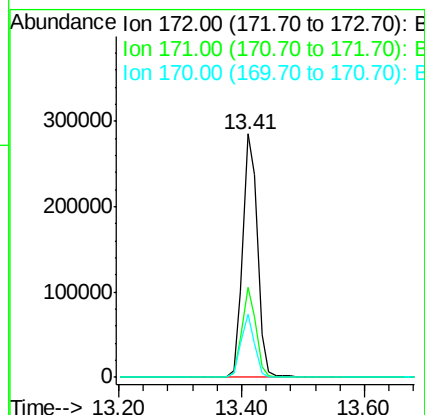
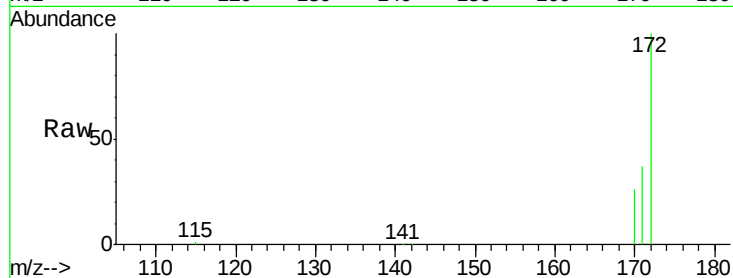




#14
2-Fluorobiphenyl
Concen: 20.94 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092564.D
Acq: 18 Nov 2016 13:34

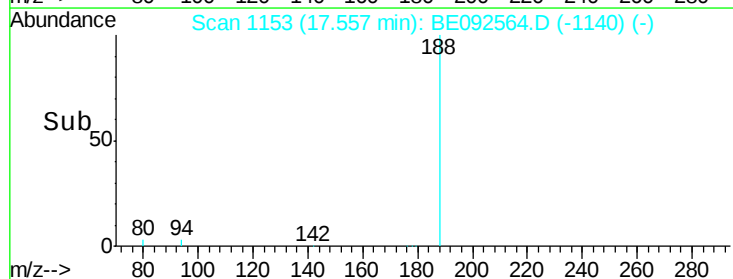
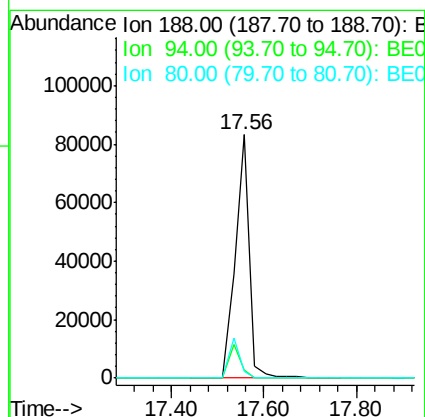
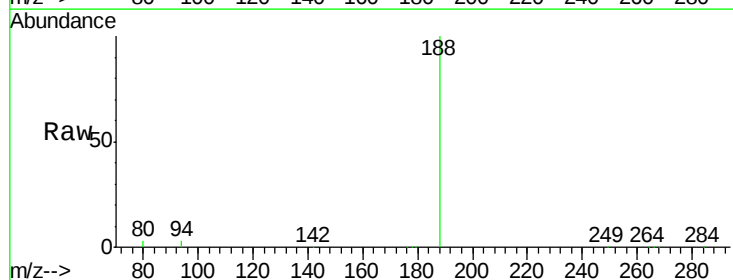
Instrument :
BNA_E
ClientSampleId :
PB94548BL

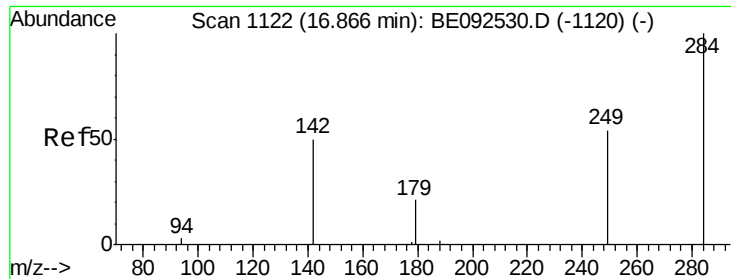
Tgt Ion:172 Resp: 484210
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 26.1 21.8 32.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092564.D
Acq: 18 Nov 2016 13:34

Tgt Ion:188 Resp: 175171
Ion Ratio Lower Upper
188 100
94 3.1 3.2 4.8#
80 2.6 2.6 3.8





#19

Hexachlorobenzene

Concen: 0.04 ng

RT: 16.68 min Scan# 1115

Delta R.T. -0.18 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

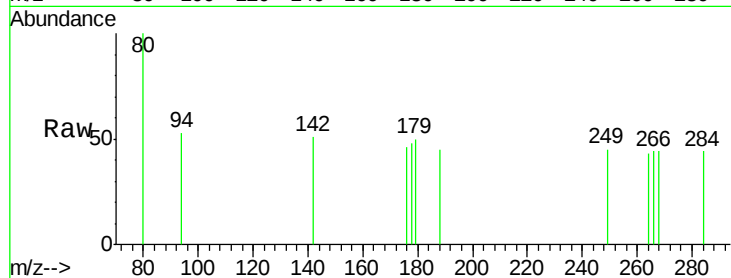
Tgt Ion: 284 Resp: 286

Ion Ratio Lower Upper

284 100

142 118.2 29.1 43.7#

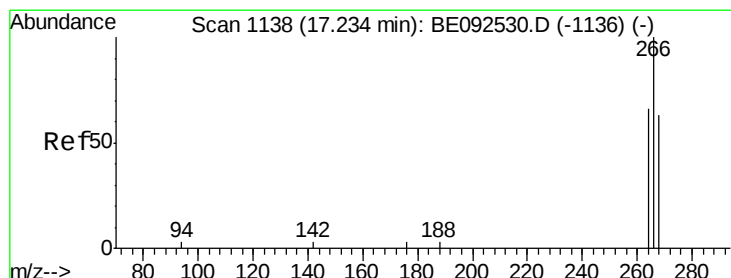
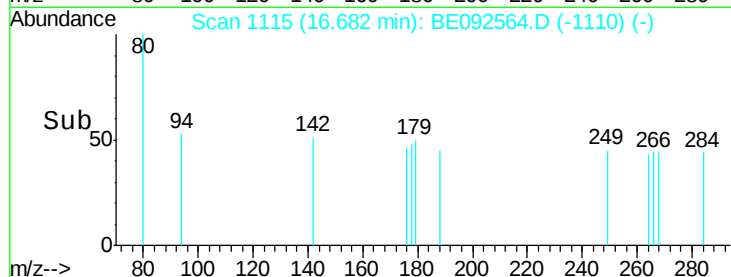
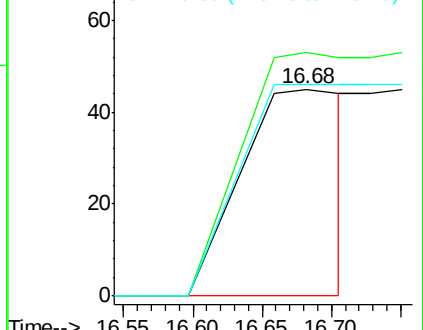
249 0.0 27.9 41.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#20

Pentachlorophenol

Concen: 0.03 ng

RT: 17.26 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

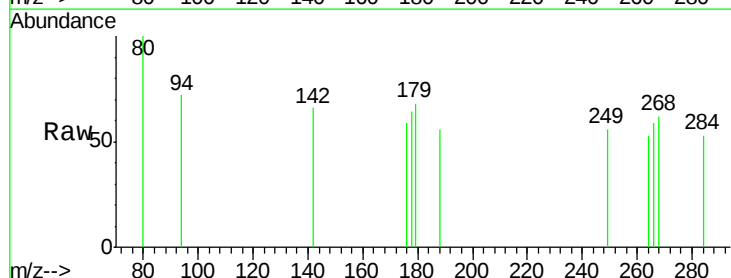
Tgt Ion: 266 Resp: 28

Ion Ratio Lower Upper

266 100

268 106.0 62.5 93.7#

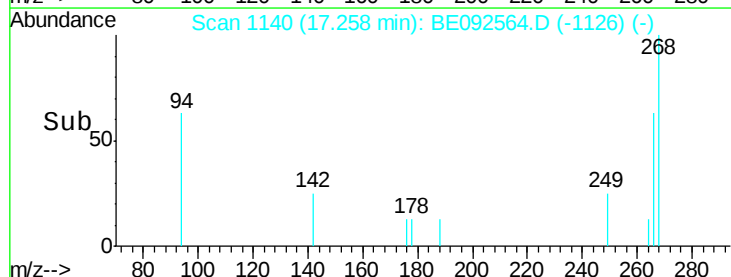
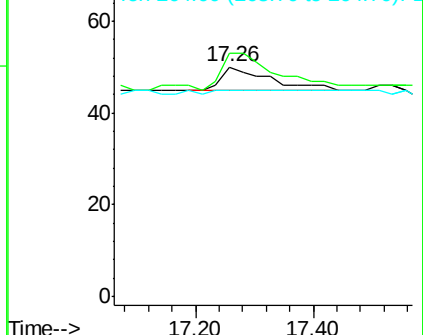
264 90.0 57.2 85.8#

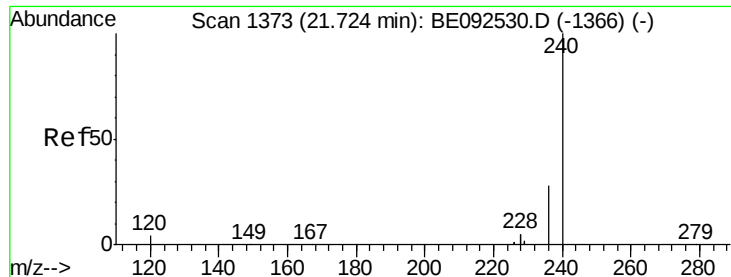


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

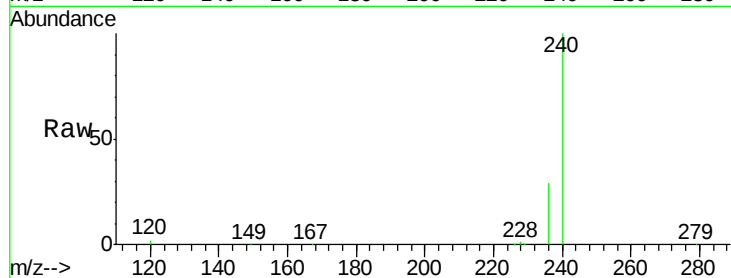
Tgt Ion:240 Resp: 233909

Ion Ratio Lower Upper

240 100

120 2.4 2.6 4.0#

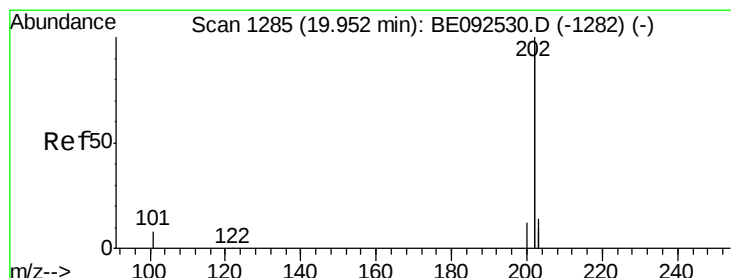
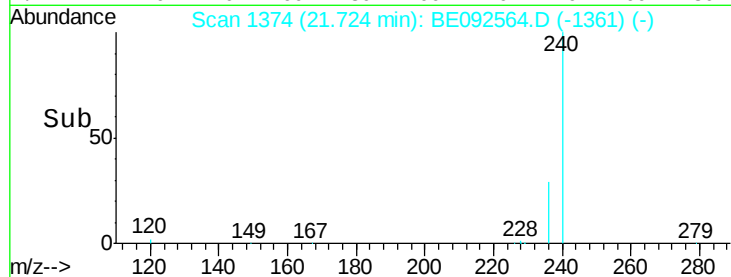
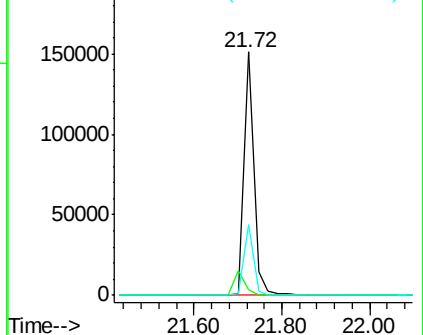
236 29.1 24.6 37.0



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: 0.05 ng

RT: 20.16 min Scan# 1298

Delta R.T. 0.20 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

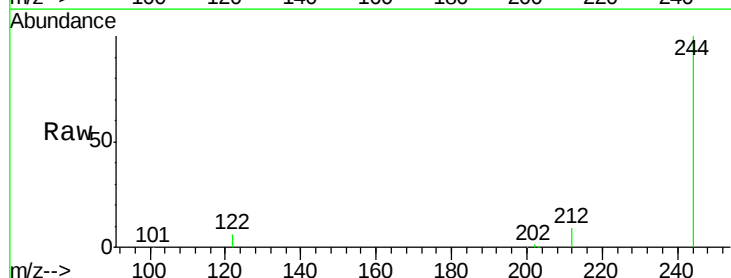
Tgt Ion:202 Resp: 8941

Ion Ratio Lower Upper

202 100

200 12.5 4.2 6.4#

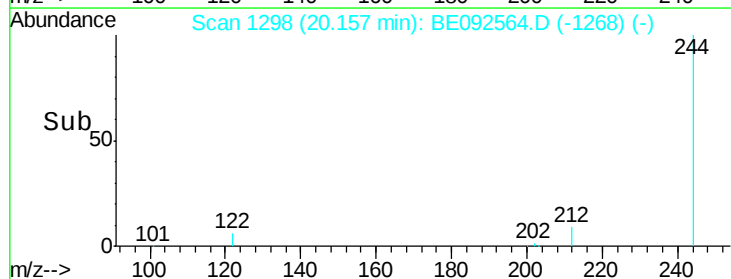
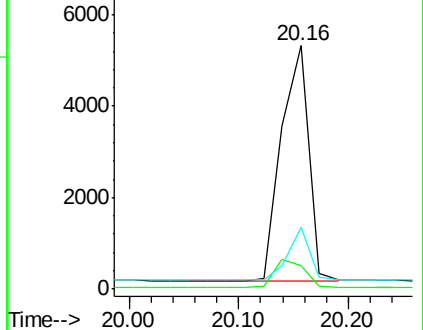
203 18.0 13.9 20.9

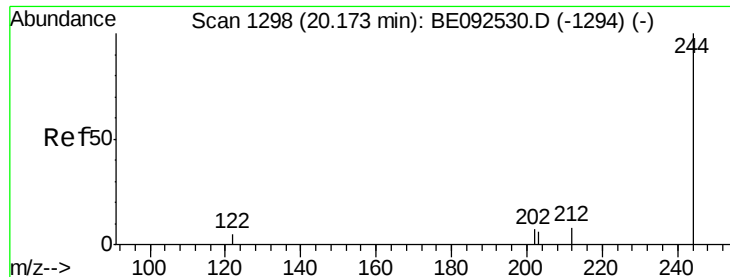


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

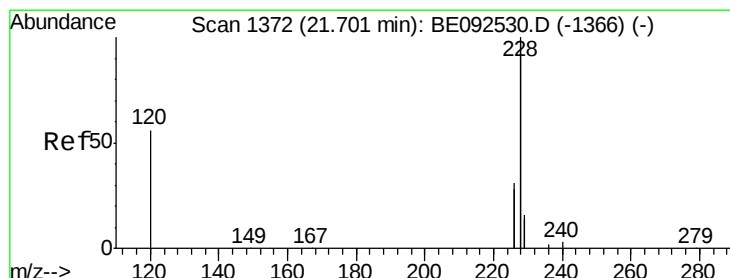
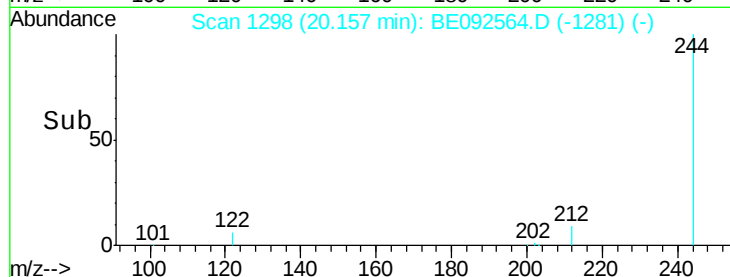
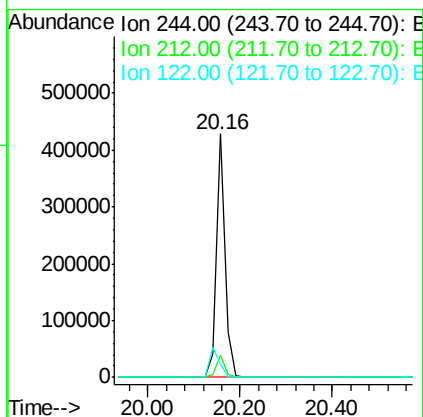
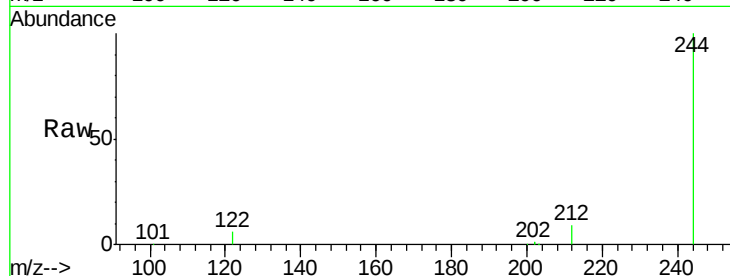




#26
 Terphenyl-d14
 Concen: 21.33 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092564.D
 Acq: 18 Nov 2016 13:34

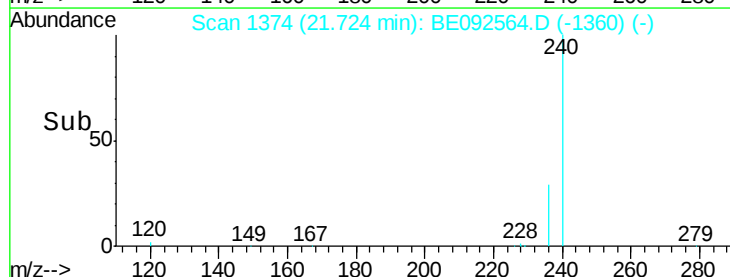
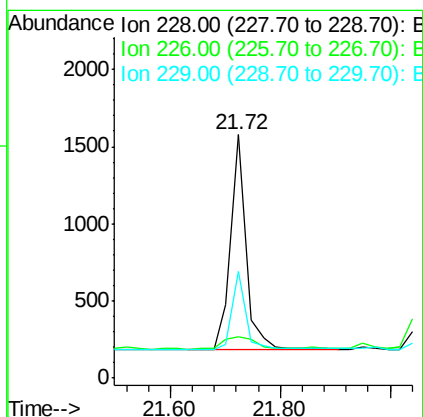
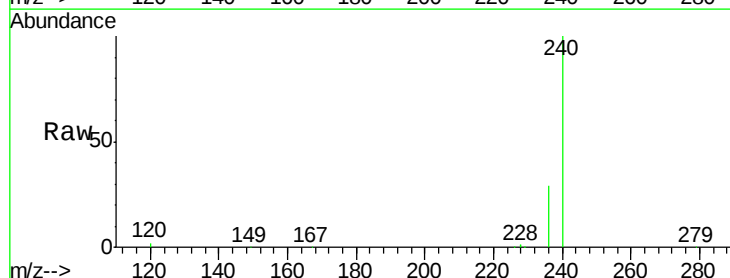
Instrument :
 BNA_E
 ClientSampled :
 PB94548BL

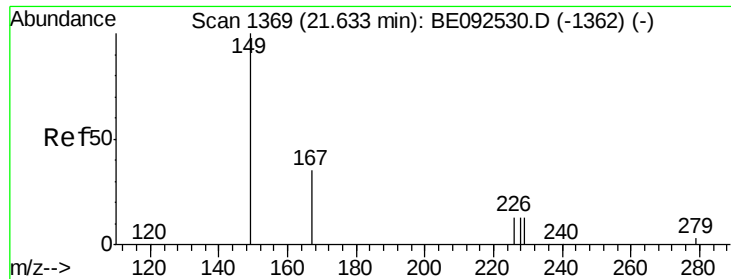
Tgt Ion: 244 Resp: 570464
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.7 10.1
 122 5.6 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 0.11 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. 0.02 min
 Lab File: BE092564.D
 Acq: 18 Nov 2016 13:34

Tgt Ion: 228 Resp: 2741
 Ion Ratio Lower Upper
 228 100
 226 16.9 23.6 35.4#
 229 43.6 13.3 19.9#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 21.61 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampled :

PB94548BL

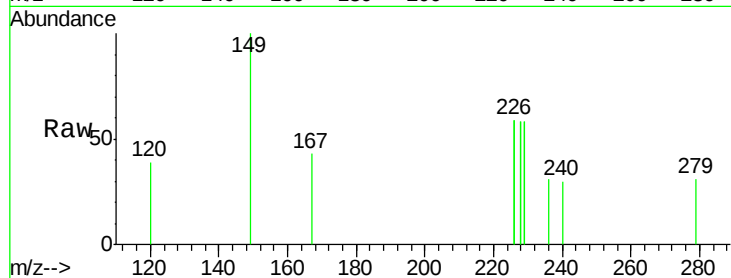
Tgt Ion:149 Resp: 143

Ion Ratio Lower Upper

149 100

167 0.0 16.0 24.0#

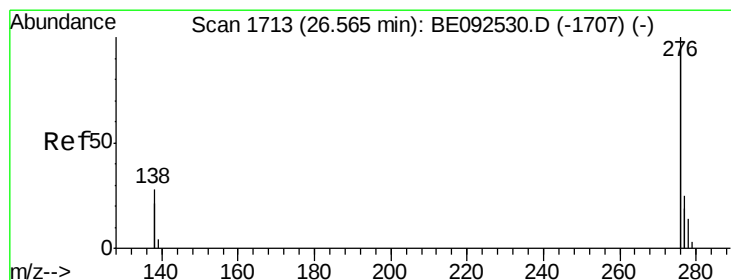
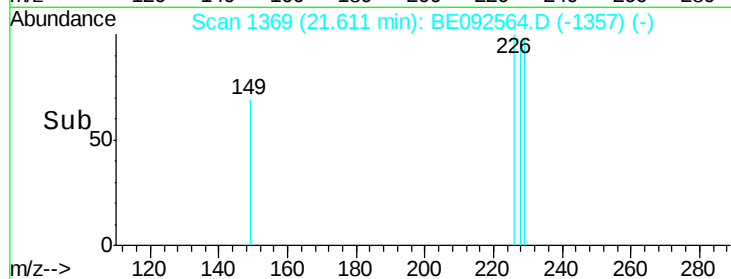
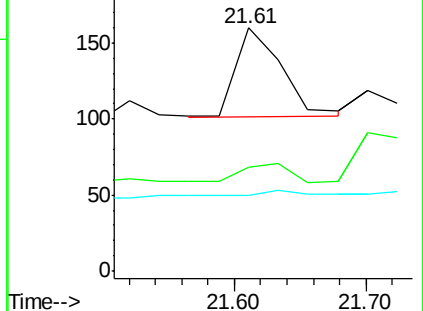
279 0.0 16.0 24.0#



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: 0.05 ng

RT: 26.62 min Scan# 1717

Delta R.T. 0.05 min

Lab File: BE092564.D

Acq: 18 Nov 2016 13:34

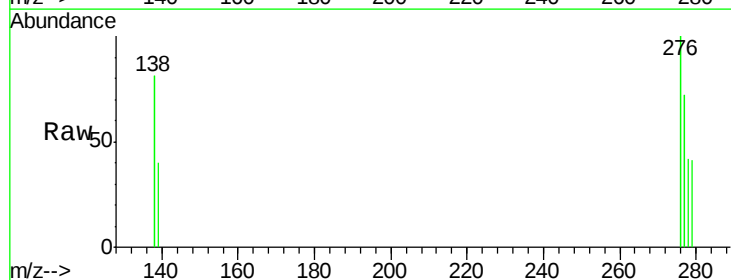
Tgt Ion:276 Resp: 634

Ion Ratio Lower Upper

276 100

138 29.3 20.3 30.5

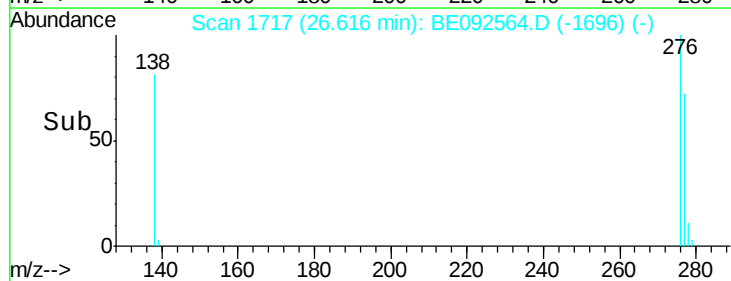
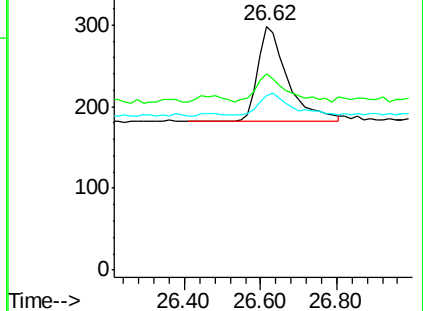
277 23.8 19.7 29.5

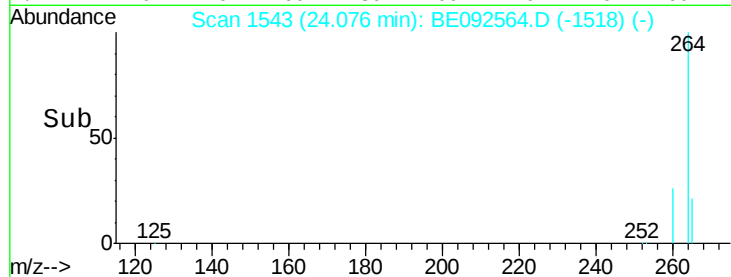
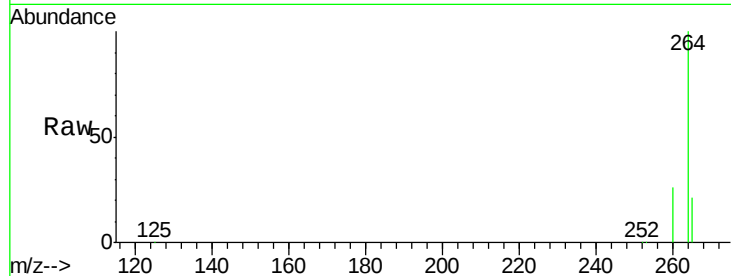
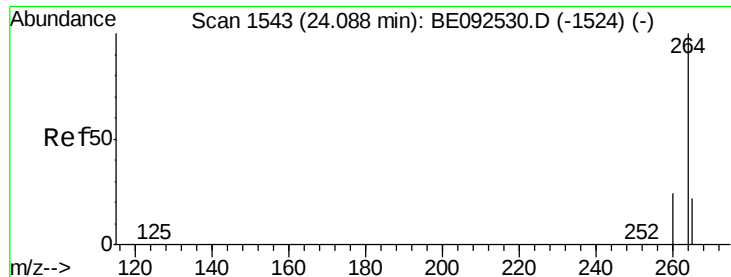


Abundance Ion 276.00 (275.70 to 276.70): E

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: BE092564.D

Acq: 18 Nov 2016 13:34

Instrument :

BNA_E

ClientSampleId :

PB94548BL

Tgt Ion: 264 Resp: 240657

Ion Ratio Lower Upper

264 100

260 26.1 20.1 30.1

265 20.8 17.9 26.9

