

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091616\
 Data File : BE092385.D
 Acq On : 16 Sep 2016 10:18
 Operator : UM/SJ
 Sample : PB93386BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93386BL

Quant Time: Sep 16 11:05:02 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 19:34:51 2016
 Response via : Initial Calibration

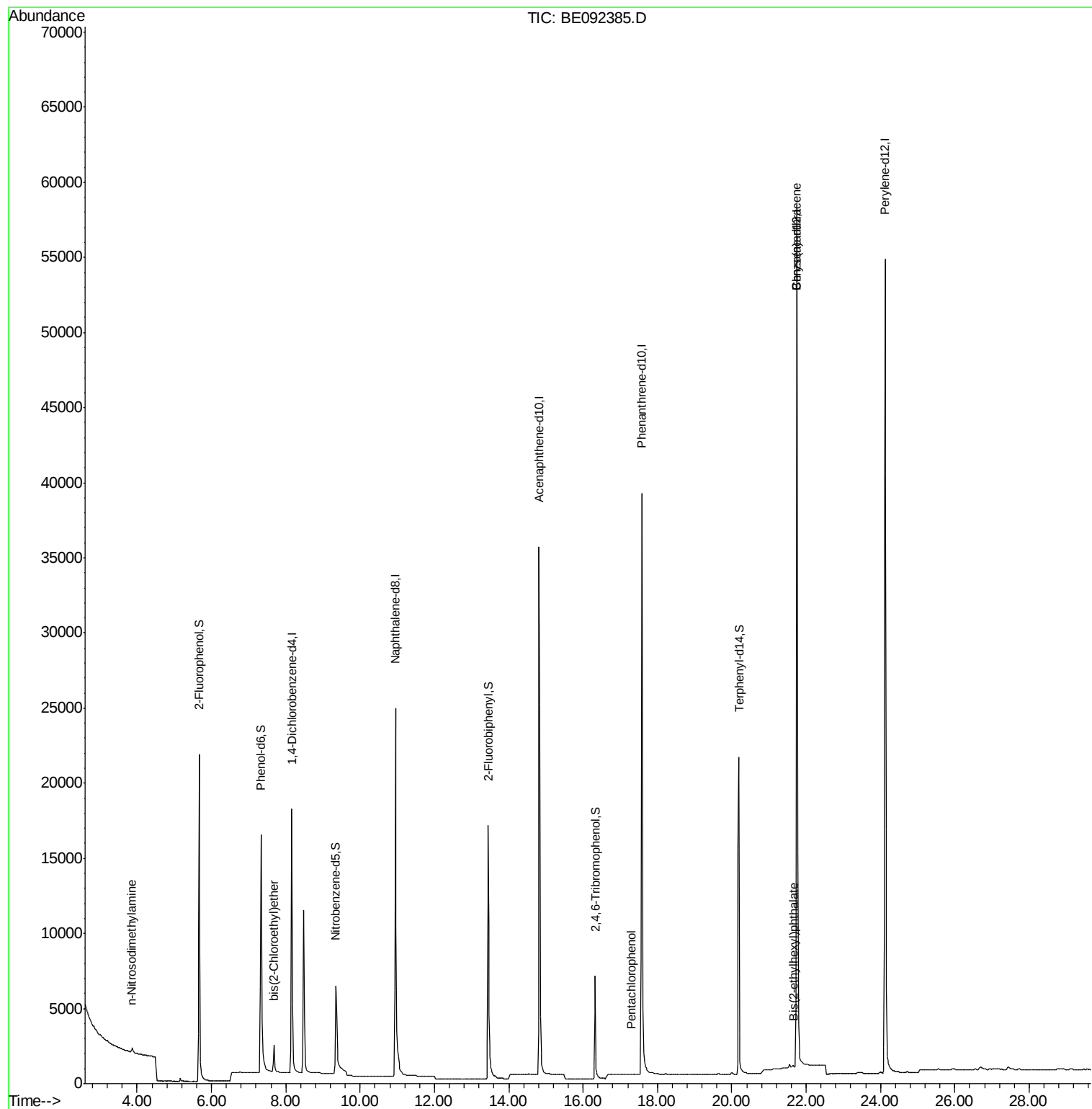
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10250	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	42271	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	28978	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	61498	5.00	ng	0.02
24) Chrysene-d12	21.75	240	77111	5.00	ng	0.00
31) Perylene-d12	24.12	264	80287	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	18412	7.56	ng	-0.02
5) Phenol-d6	7.33	99	22962	7.06	ng	-0.02
8) Nitrobenzene-d5	9.34	82	9399	3.10	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	5611	6.25	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	24037	2.70	ng	0.00
26) Terphenyl-d14	20.19	244	34297	3.01	ng	0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.85	42	35	0.10	ng	# 17
6) bis(2-Chloroethyl)ether	7.68	93	29	0.08	ng	# 1
20) Pentachlorophenol	17.30	266	10	0.07	ng	# 73
27) Benzo(a)anthracene	21.75	228	1842	0.02	ng	# 70
28) Chrysene	21.75	228	1886	Below Cal		# 64
29) Bis(2-ethylhexyl)phthalate	21.66	149	257	0.11	ng	# 79

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Instrument :

BNA_E

ClientSampleId :

PB93386BL

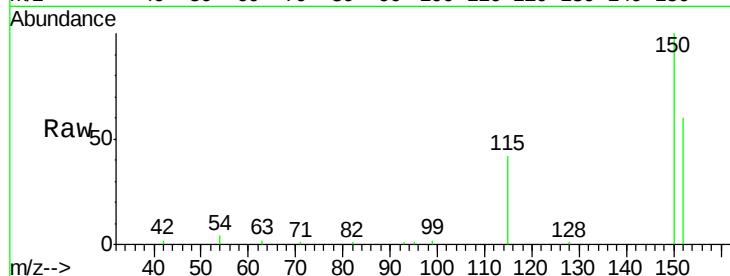
Tgt Ion: 152 Resp: 10250

Ion Ratio Lower Upper

152 100

150 167.2 106.0 159.0#

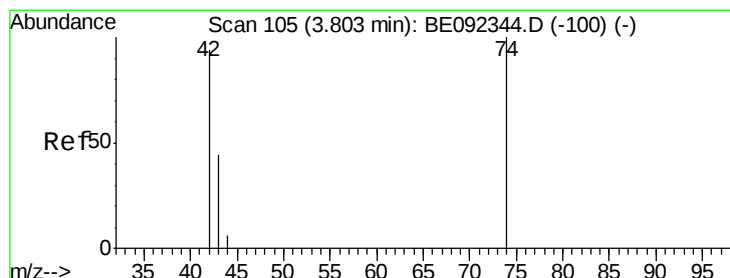
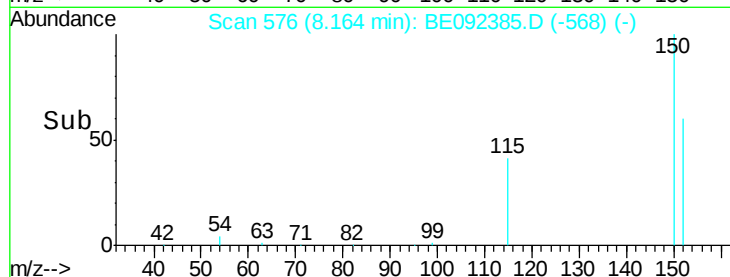
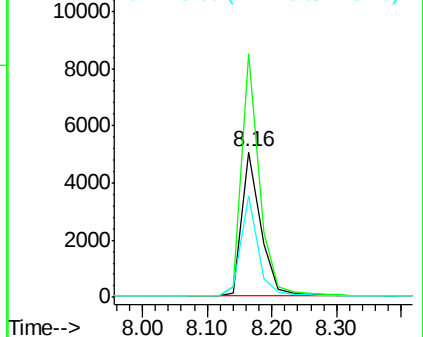
115 70.0 31.2 46.8#



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



#3

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.85 min Scan# 109

Delta R.T. 0.05 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

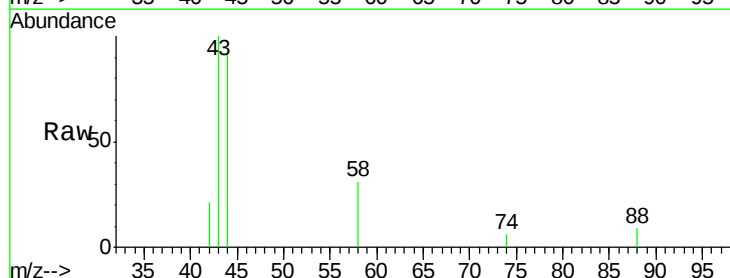
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

42 100

74 17.1 86.0 129.0#

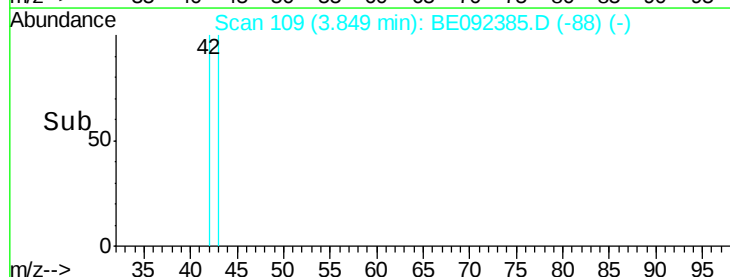
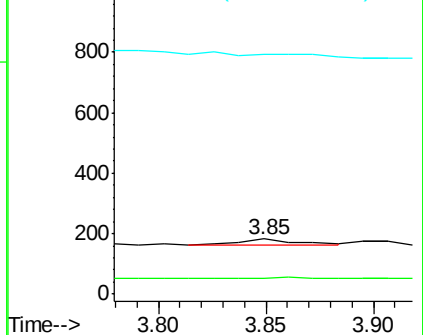
44 0.0 5.1 7.7#

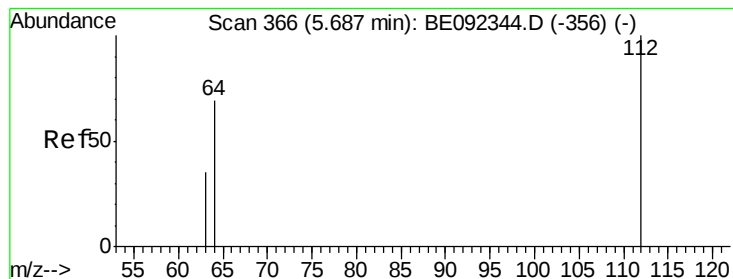


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 7.56 ng

RT: 5.66 min Scan# 362

Delta R.T. -0.02 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

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PB93386BL

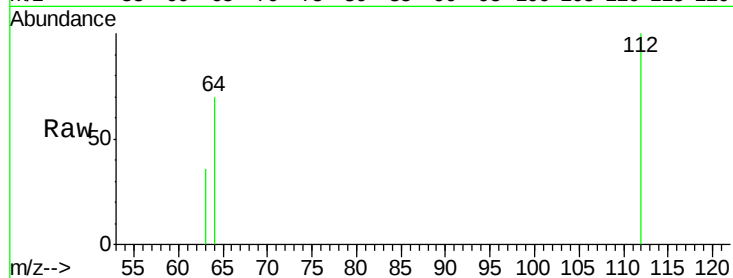
Tgt Ion: 112 Resp: 18412

Ion Ratio Lower Upper

112 100

64 67.8 53.5 80.3

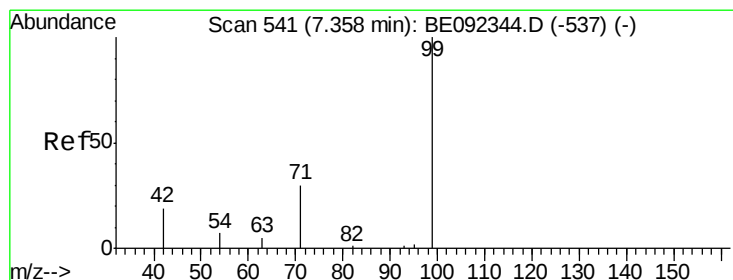
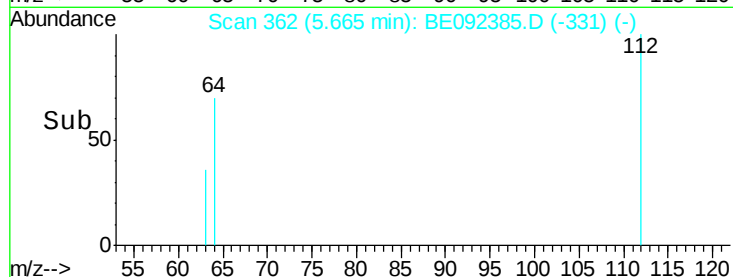
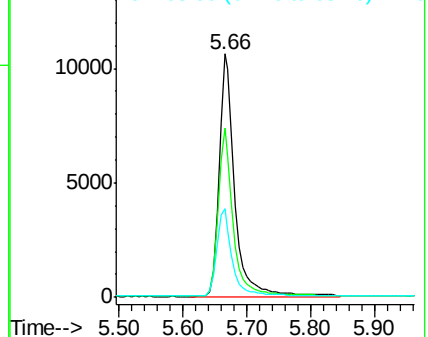
63 36.0 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE092344.D (-356) (-)

Ion 64.00 (63.70 to 64.70): BE092344.D (-356) (-)

Ion 63.00 (62.70 to 63.70): BE092344.D (-356) (-)



#5

Phenol-d6

Concen: 7.06 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

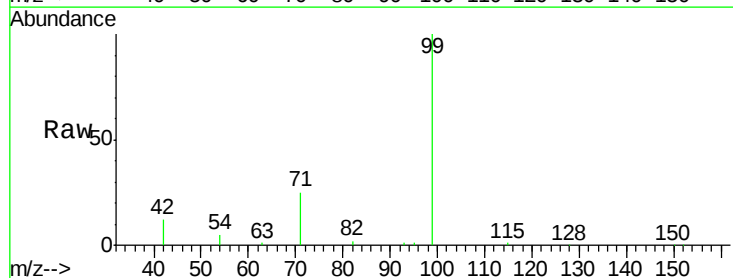
Tgt Ion: 99 Resp: 22962

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

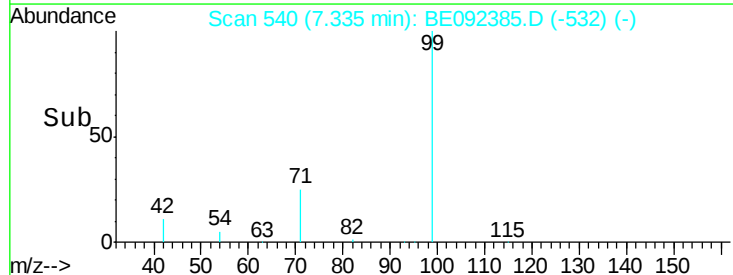
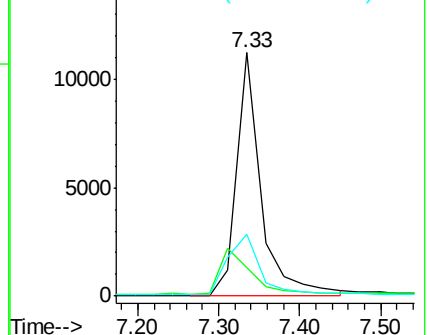
71 34.1 30.6 45.8

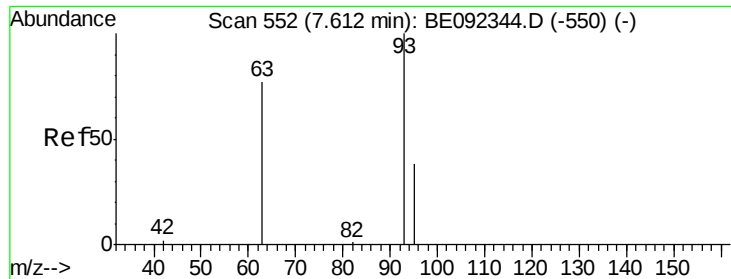


Abundance Ion 99.00 (98.70 to 99.70): BE092344.D (-537) (-)

Ion 42.00 (41.70 to 42.70): BE092344.D (-537) (-)

Ion 71.00 (70.70 to 71.70): BE092344.D (-537) (-)





#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.07 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Instrument :

BNA_E

ClientSampleId :

PB93386BL

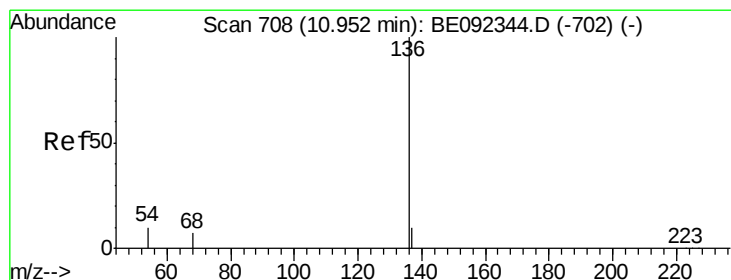
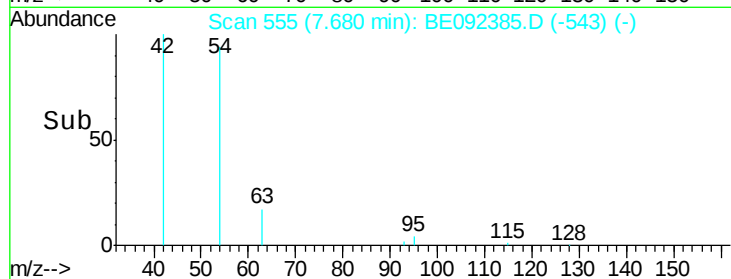
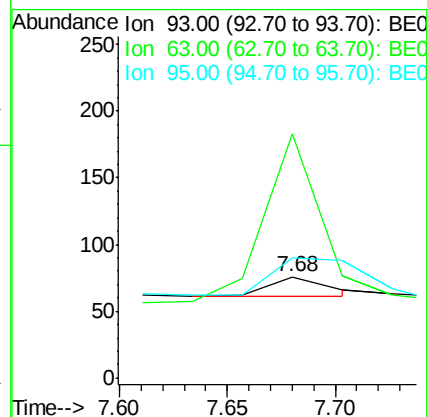
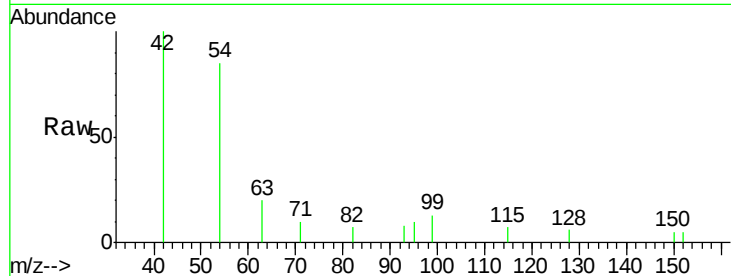
Tgt Ion: 93 Resp: 29

Ion Ratio Lower Upper

93 100

63 800.0 71.6 107.4#

95 286.2 24.0 36.0#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Tgt Ion: 136 Resp: 42271

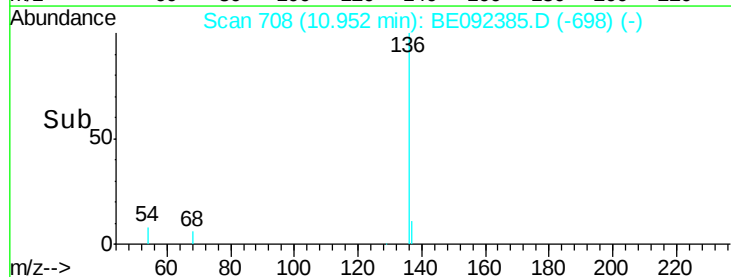
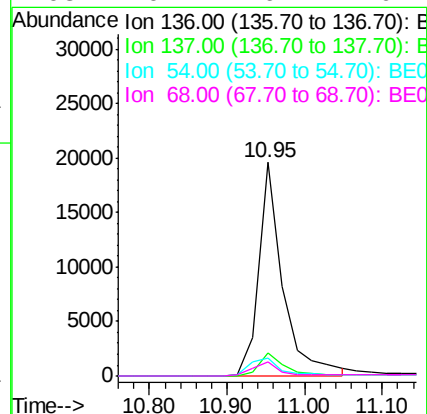
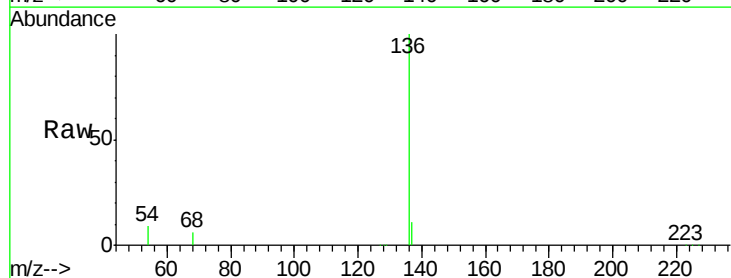
Ion Ratio Lower Upper

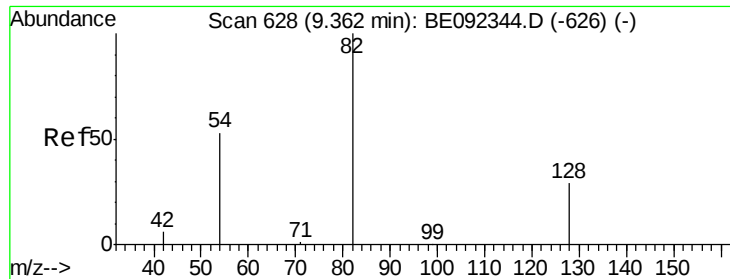
136 100

137 10.9 8.2 12.4

54 8.6 9.6 14.4#

68 6.4 6.7 10.1#





#8

Nitrobenzene-d5

Concen: 3.10 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Instrument :

BNA_E

ClientSampleId :

PB93386BL

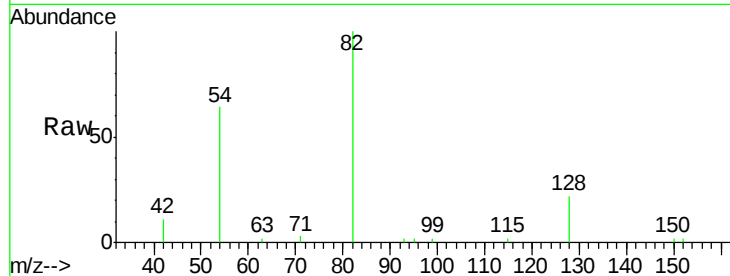
Tgt Ion: 82 Resp: 9399

Ion Ratio Lower Upper

82 100

128 21.6 39.0 58.4#

54 63.8 44.8 67.2

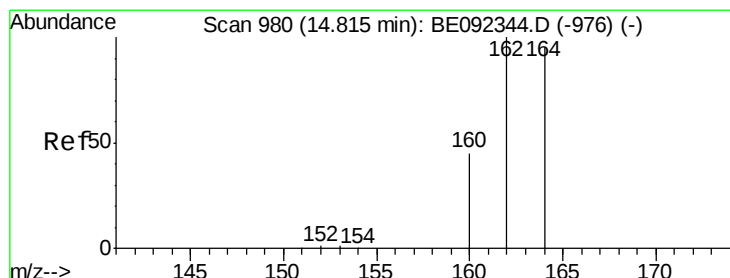
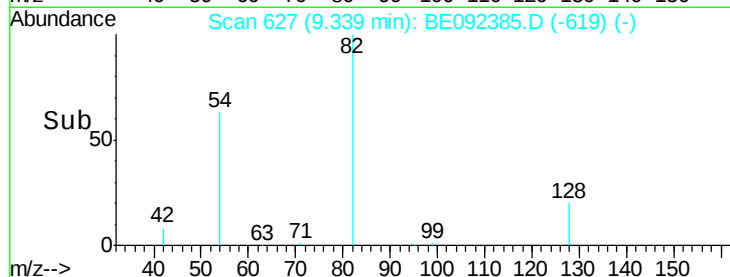


Abundance Ion 82.00 (81.70 to 82.70): BE092344.D (-626) (-)

Ion 128.00 (127.70 to 128.70): BE092344.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092344.D (-626) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

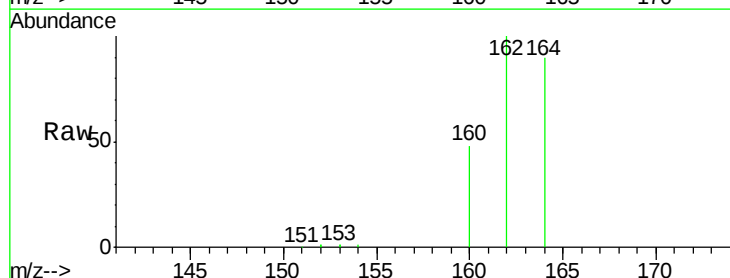
Tgt Ion: 164 Resp: 28978

Ion Ratio Lower Upper

164 100

162 111.0 71.4 107.0#

160 53.8 27.4 41.2#

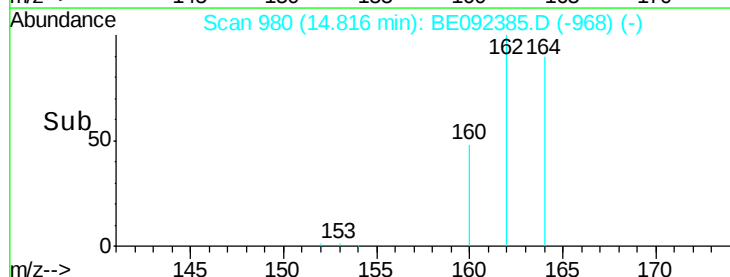


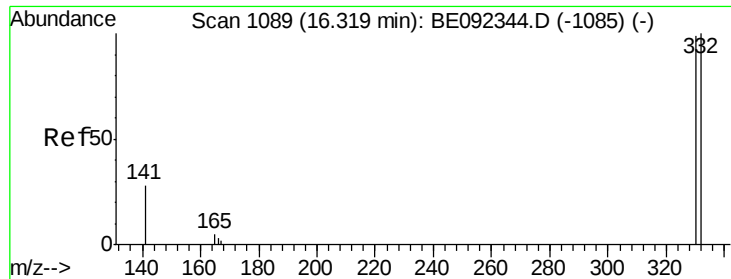
Abundance Ion 164.00 (163.70 to 164.70): BE092344.D (-976) (-)

Ion 162.00 (161.70 to 162.70): BE092344.D (-976) (-)

Ion 160.00 (159.70 to 160.70): BE092344.D (-976) (-)

Time-->

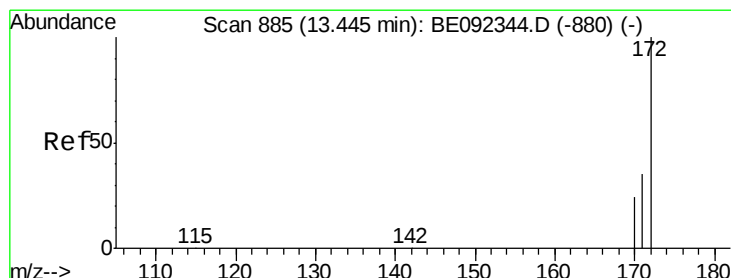
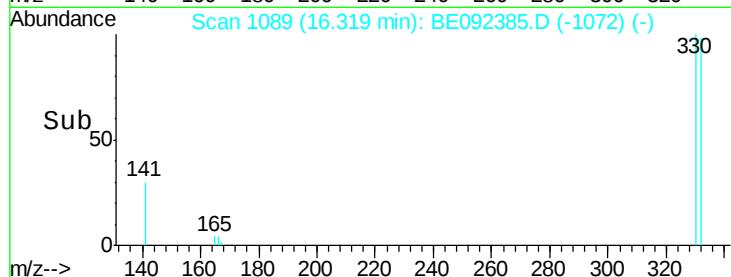
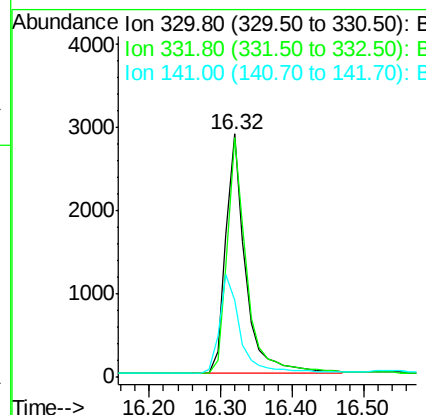
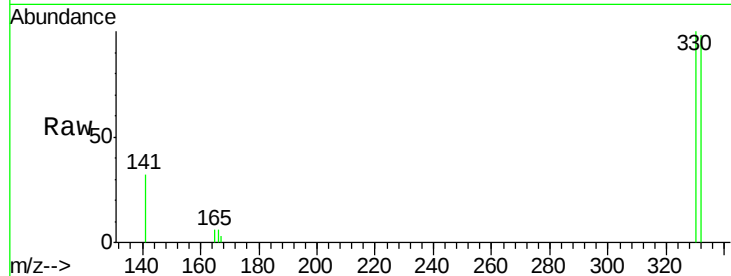




#13
 2,4,6-Tribromophenol
 Concen: 6.25 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

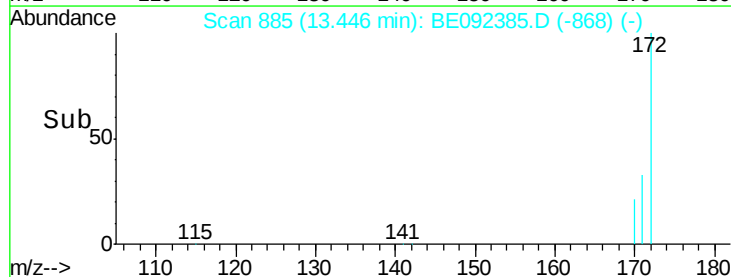
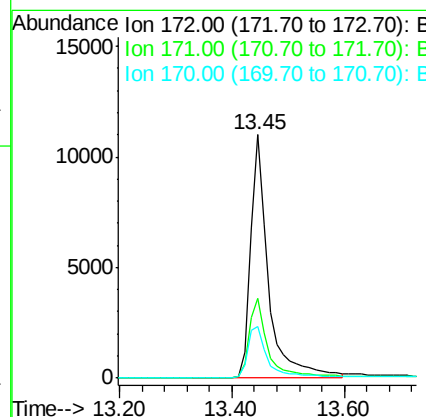
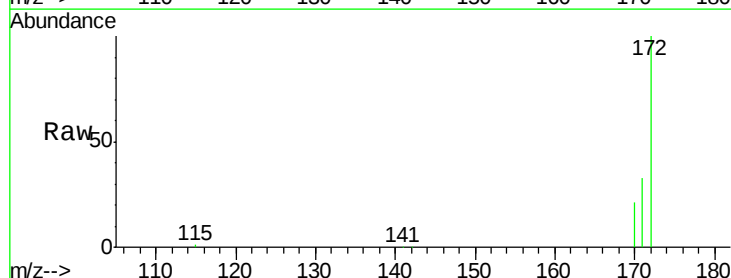
Instrument :
 BNA_E
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 PB93386BL

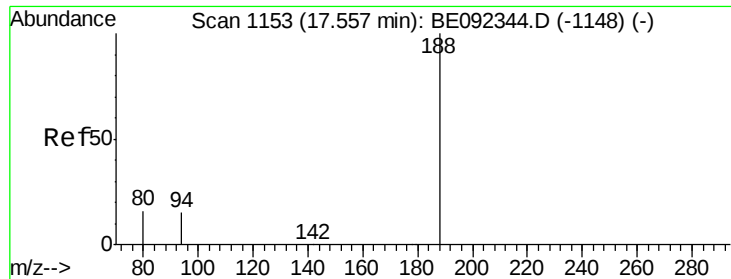
Tgt Ion: 330 Resp: 5611
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.4 113.0
 141 42.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 2.70 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092385.D
 Acq: 16 Sep 2016 10:18

Tgt Ion: 172 Resp: 24037
 Ion Ratio Lower Upper
 172 100
 171 32.9 30.1 45.1
 170 21.4 21.8 32.6#

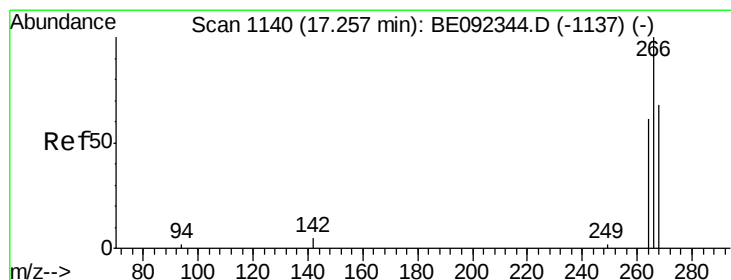
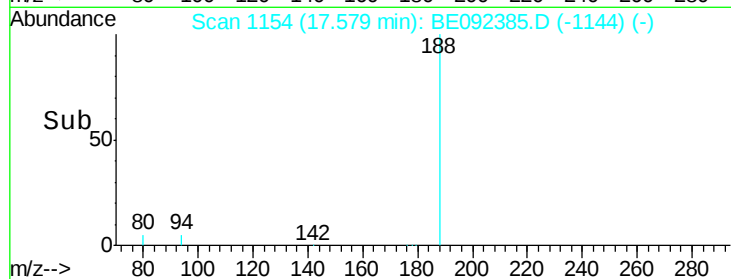
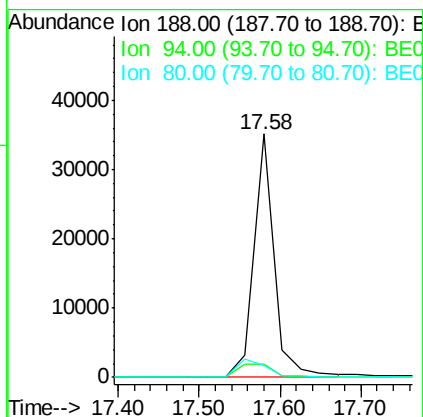
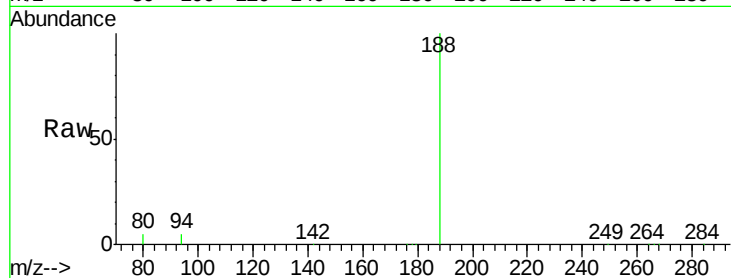




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092385.D
Acq: 16 Sep 2016 10:18

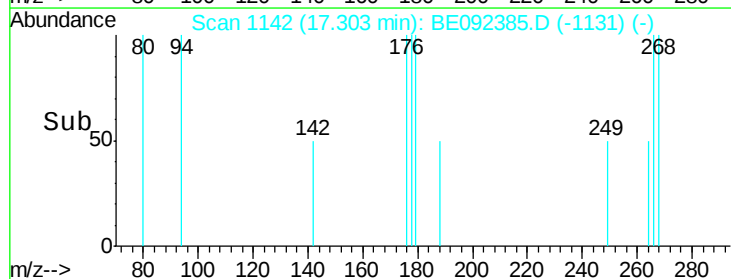
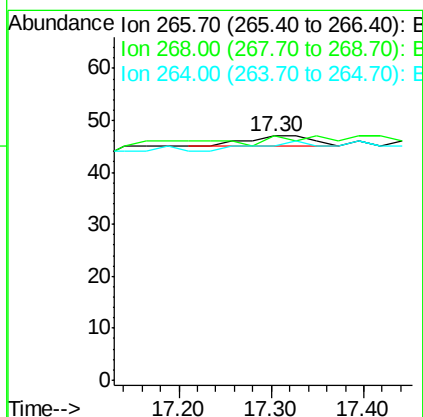
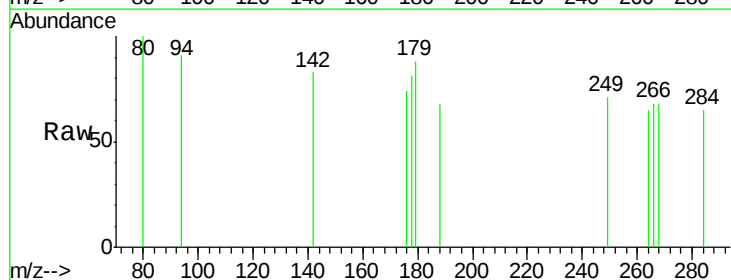
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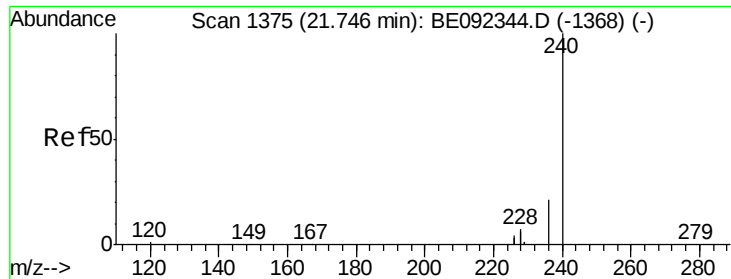
Tgt Ion:188 Resp: 61498
Ion Ratio Lower Upper
188 100
94 5.5 3.2 4.8#
80 4.8 2.6 3.8#



#20
Pentachlorophenol
Concen: 0.07 ng
RT: 17.30 min Scan# 1142
Delta R.T. 0.05 min
Lab File: BE092385.D
Acq: 16 Sep 2016 10:18

Tgt Ion:266 Resp: 10
Ion Ratio Lower Upper
266 100
268 100.0 62.5 93.7#
264 95.7 57.2 85.8#





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Instrument :

BNA_E

ClientSampled :

PB93386BL

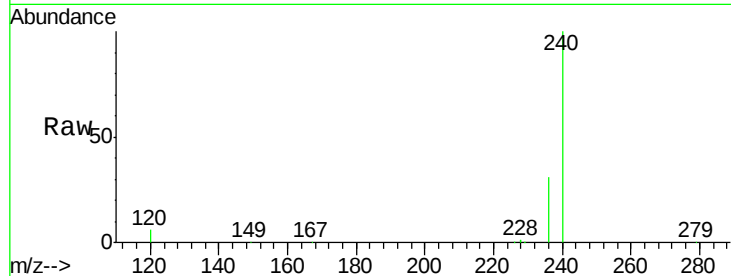
Tgt Ion:240 Resp: 77111

Ion Ratio Lower Upper

240 100

120 5.7 2.6 4.0#

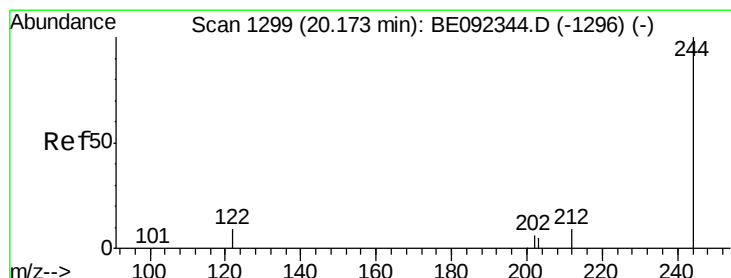
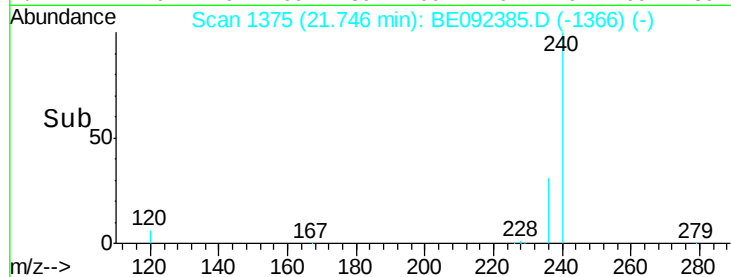
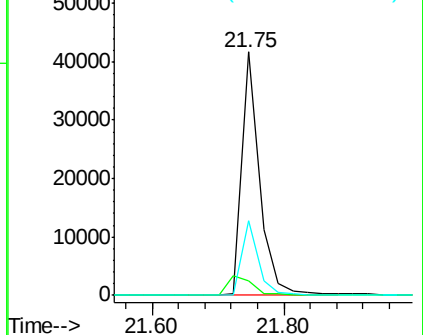
236 30.7 24.6 37.0



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



#26

Terphenyl-d14

Concen: 3.01 ng

RT: 20.19 min Scan# 1300

Delta R.T. 0.02 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

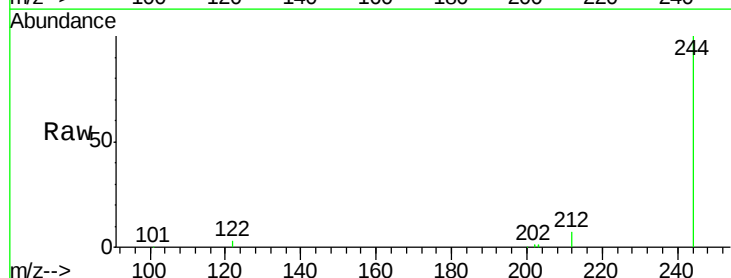
Tgt Ion:244 Resp: 34297

Ion Ratio Lower Upper

244 100

212 7.1 6.7 10.1

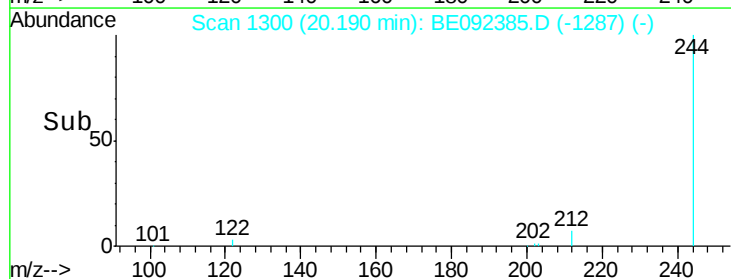
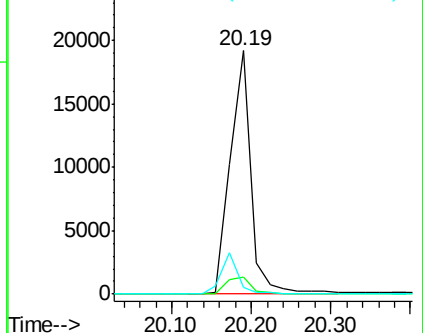
122 2.8 3.6 5.4#

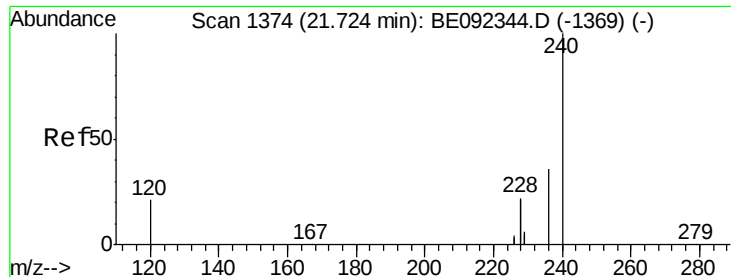


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

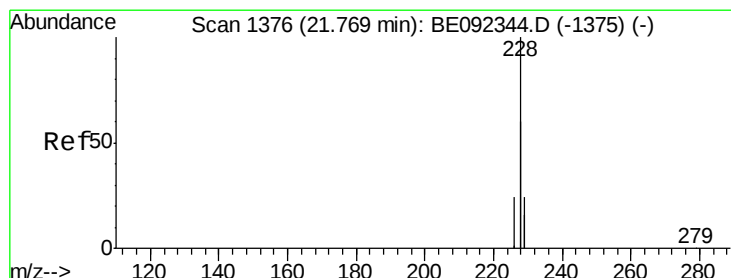
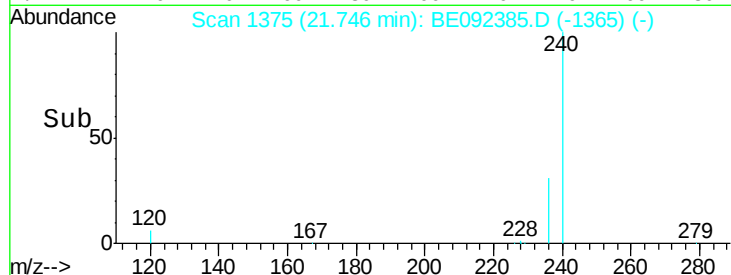
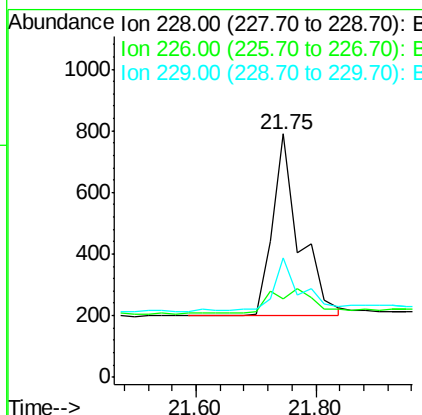
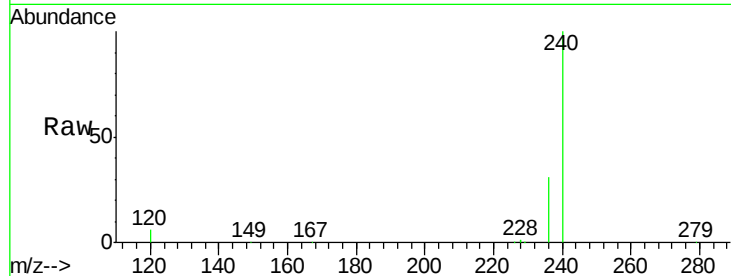




#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BE092385.D
Acq: 16 Sep 2016 10:18

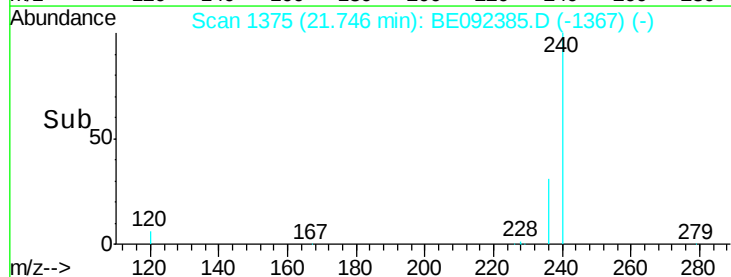
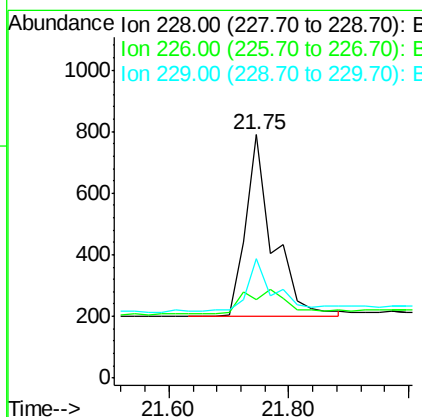
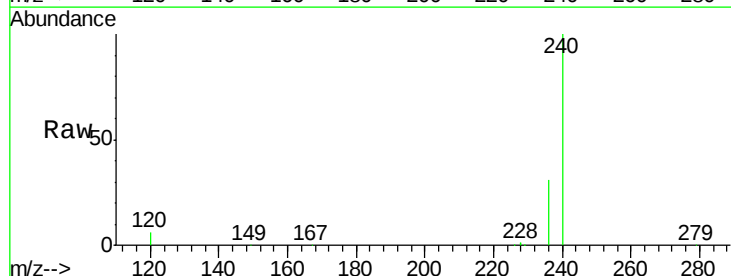
Instrument :
BNA_E
ClientSampleId :
PB93386BL

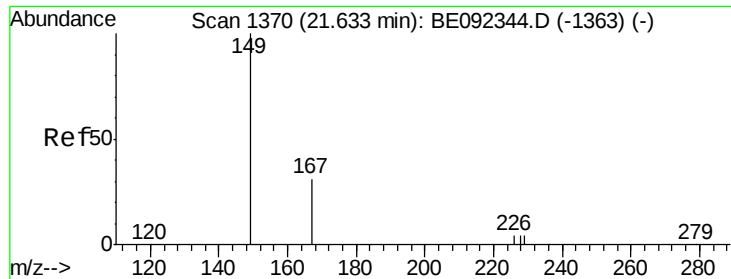
Tgt Ion:228 Resp: 1842
Ion Ratio Lower Upper
228 100
226 32.2 23.6 35.4
229 49.1 13.3 19.9#



#28
Chrysene
Concen: Below Cal
RT: 21.75 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092385.D
Acq: 16 Sep 2016 10:18

Tgt Ion:228 Resp: 1886
Ion Ratio Lower Upper
228 100
226 32.2 36.3 54.5#
229 49.1 10.6 16.0#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

RT: 21.66 min Scan# 1371

Delta R.T. 0.02 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

Instrument :

BNA_E

ClientSampleId :

PB93386BL

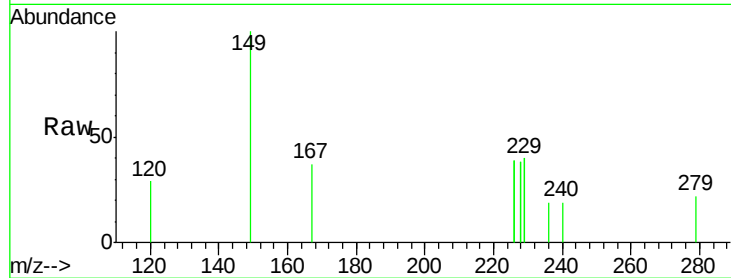
Tgt Ion:149 Resp: 257

Ion Ratio Lower Upper

149 100

167 30.7 16.0 24.0#

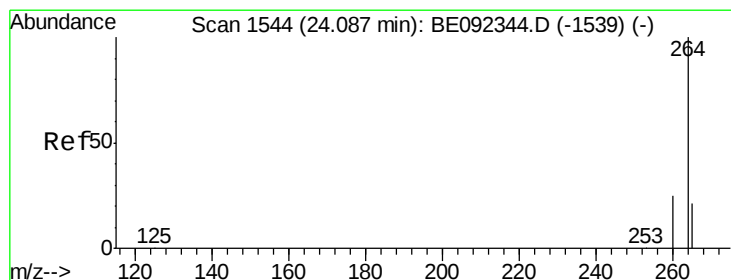
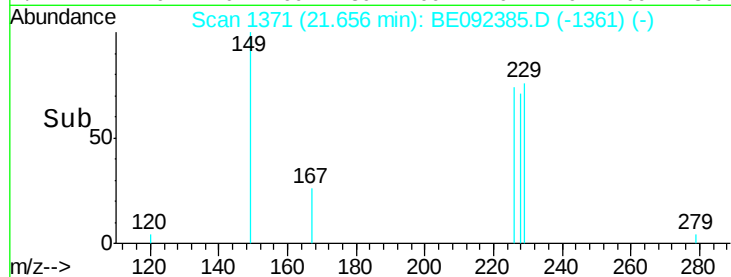
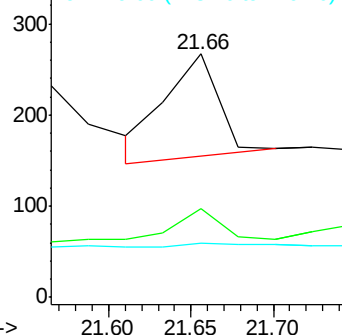
279 11.7 16.0 24.0#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1547

Delta R.T. 0.04 min

Lab File: BE092385.D

Acq: 16 Sep 2016 10:18

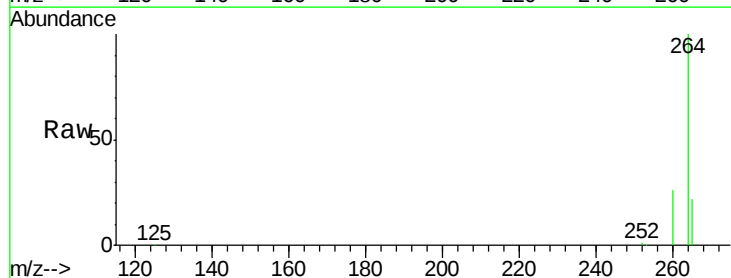
Tgt Ion:264 Resp: 80287

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

265 21.8 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

