

Data Path : Z:\HPCHEM1\BNA E\Data\BE091216\
 Data File : BE092371.D
 Acq On : 12 Sep 2016 12:52
 Operator : UM/SJ
 Sample : H4728-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 12 14:30:49 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

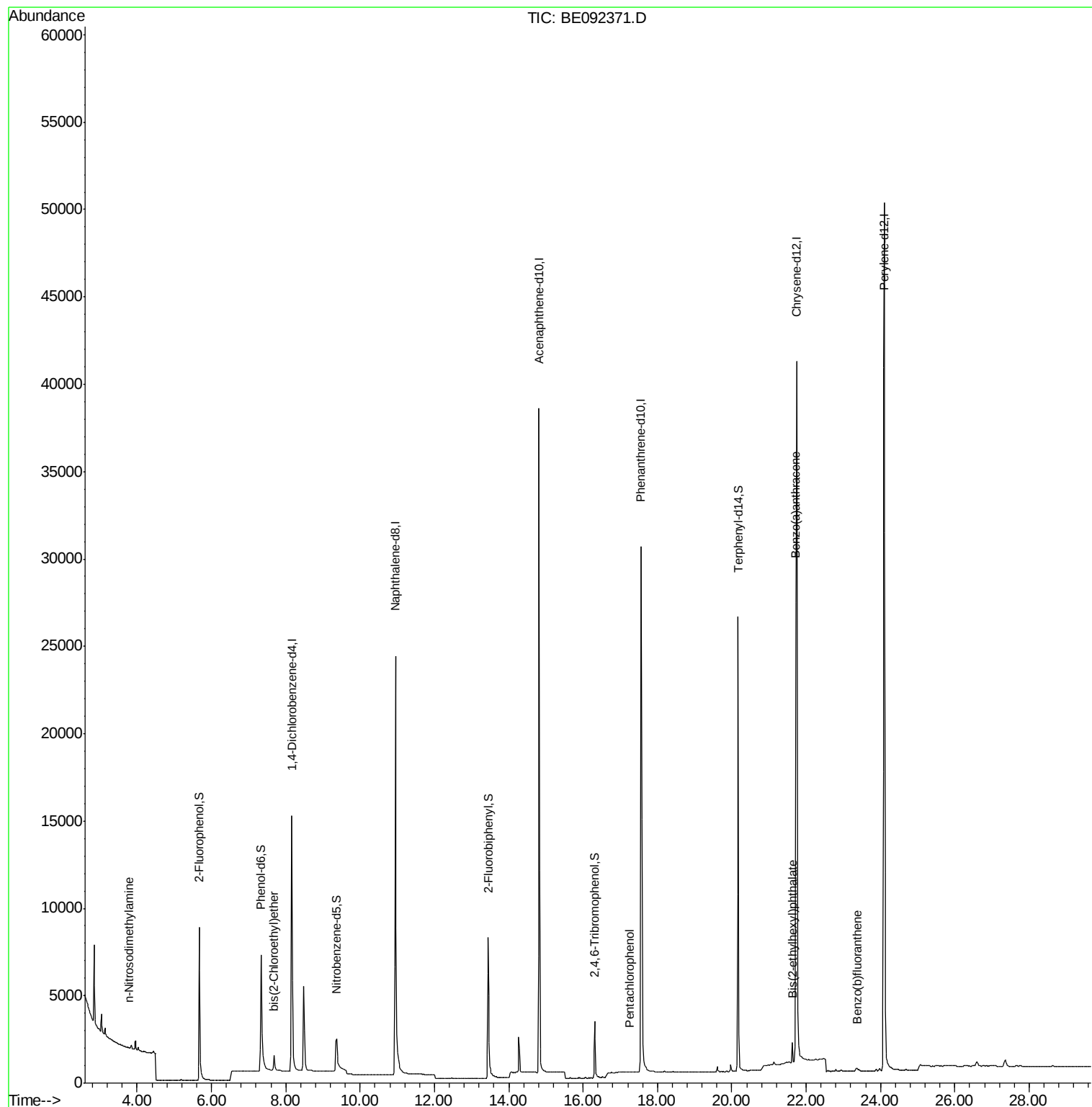
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8980	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	39352	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	23758	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	53566	5.00	ng	0.00
24) Chrysene-d12	21.75	240	67842	5.00	ng	0.00
31) Perylene-d12	24.10	264	76504	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	8206	3.84	ng	-0.01
5) Phenol-d6	7.34	99	9910	3.48	ng	-0.02
8) Nitrobenzene-d5	9.36	82	3930	1.39	ng	0.00
13) 2,4,6-Tribromophenol	16.31	330	2660	3.61	ng	-0.01
14) 2-Fluorobiphenyl	13.44	172	11525	1.58	ng	0.00
26) Terphenyl-d14	20.17	244	32996	3.29	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.77	42	8	0.08	ng	# 2
6) bis(2-Chloroethyl)ether	7.68	93	8	0.07	ng	# 1
20) Pentachlorophenol	17.26	266	3	0.06	ng	# 72
27) Benzo(a)anthracene	21.72	228	2190	0.03	ng	# 67
28) Chrysene	21.72	228	2179	Below Cal		# 71
29) Bis(2-ethylhexyl)phthalate	21.63	149	1292	0.18	ng	# 72
32) Benzo(b)fluoranthene	23.37	252	410	0.02	ng	# 1

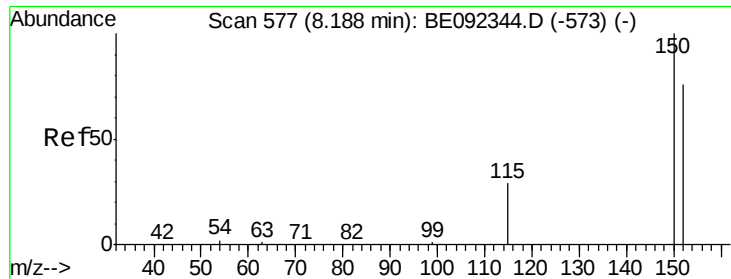
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\Data\BE091216\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 12 14:30:49 2016
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QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampled :

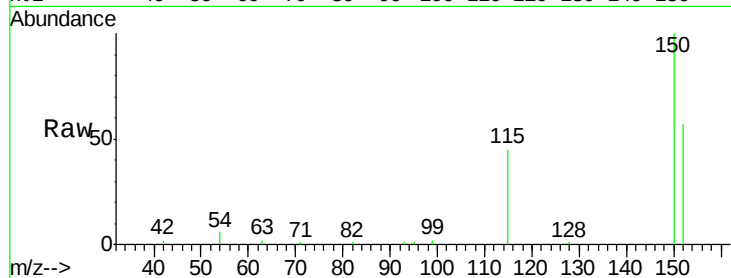
Tot Ion:152 Resp: 8980

Ion Ratio Lower Upper

152 100

150 174.9 106.0 159.0#

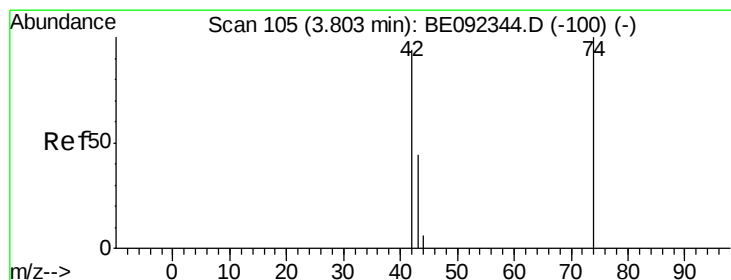
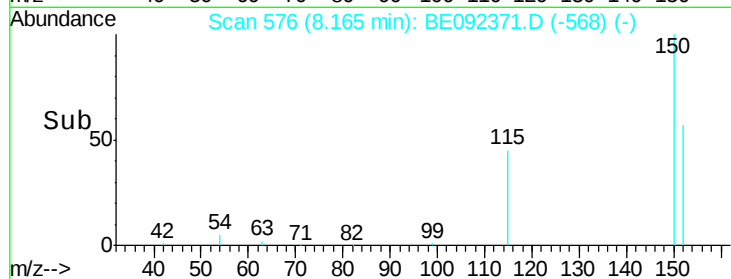
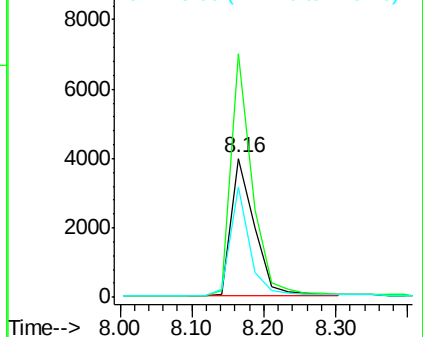
115 79.1 31.2 46.8#



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: 0.08 ng

RT: 3.77 min Scan# 102

Delta R.T. -0.03 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

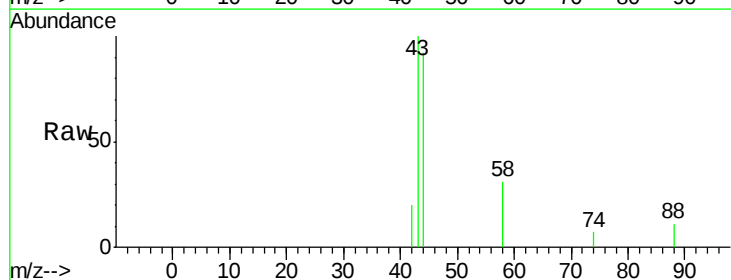
Tgt Ion: 42 Resp: 8

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

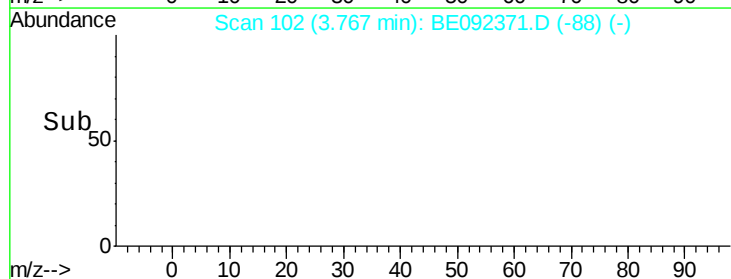
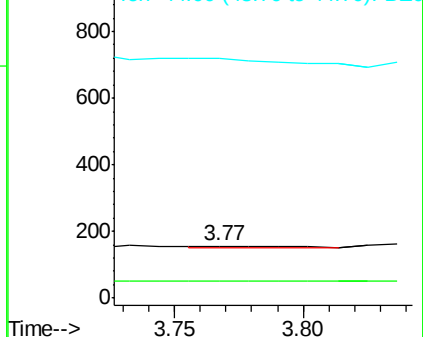
44 0.0 5.1 7.7#

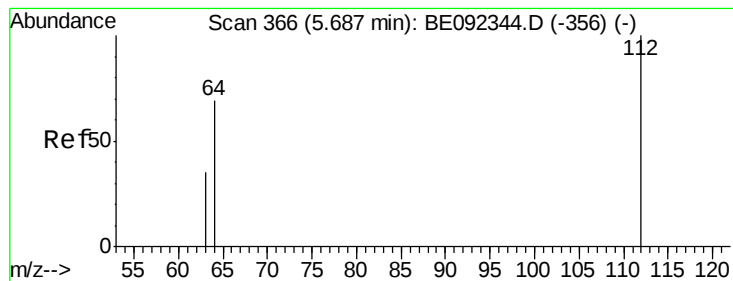


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 3.84 ng

RT: 5.68 min Scan# 364

Delta R.T. -0.01 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

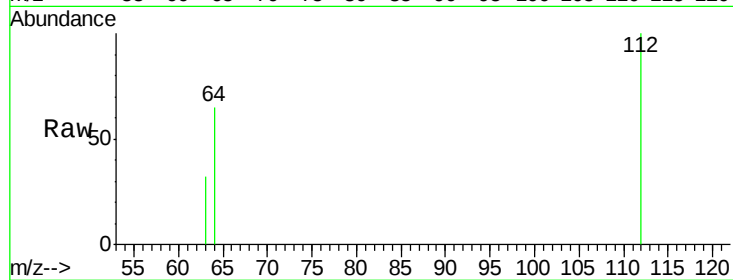
Tot Ion:112 Resp: 8206

Ion Ratio Lower Upper

112 100

64 67.7 53.5 80.3

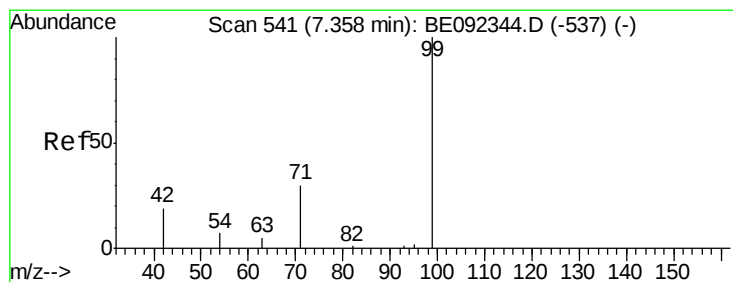
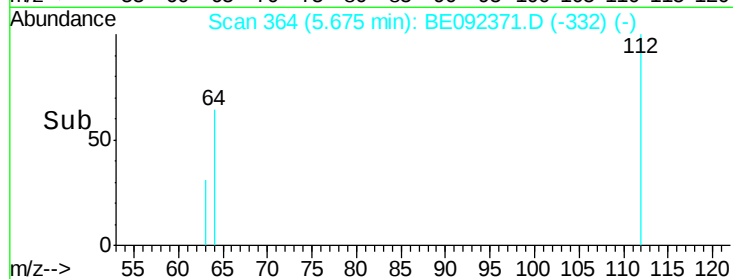
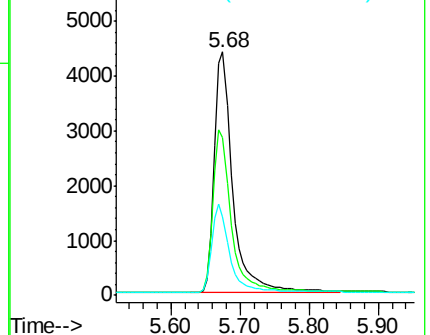
63 36.0 27.9 41.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 3.48 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

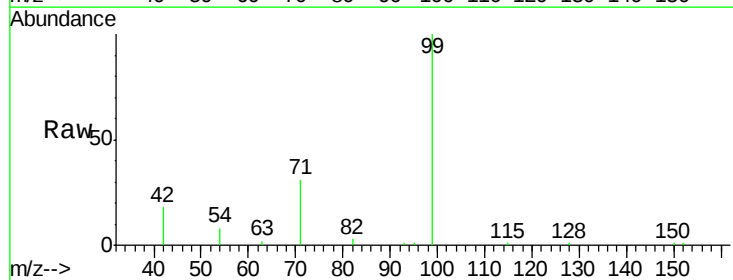
Tgt Ion: 99 Resp: 9910

Ion Ratio Lower Upper

99 100

42 23.6 16.0 24.0

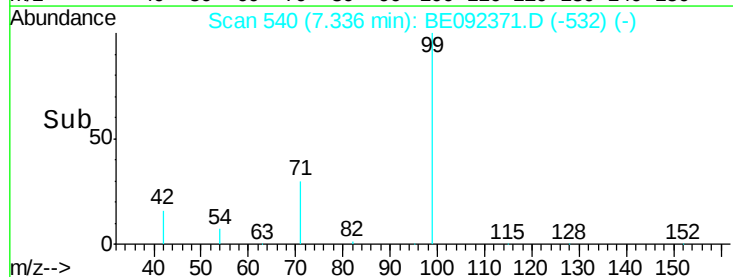
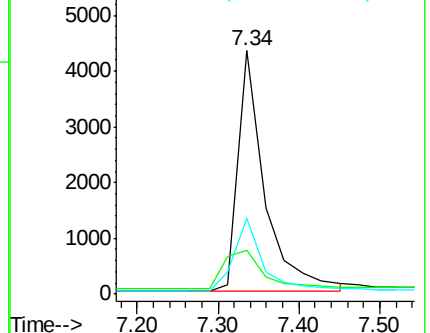
71 32.7 30.6 45.8

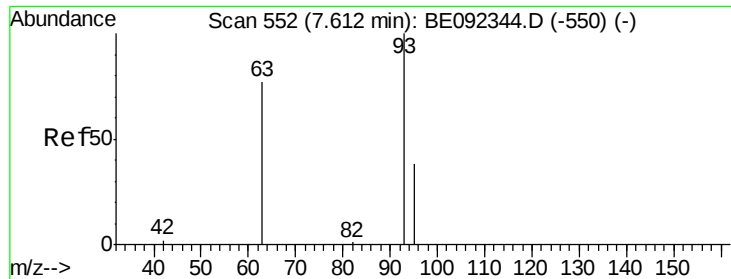


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.07 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.07 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

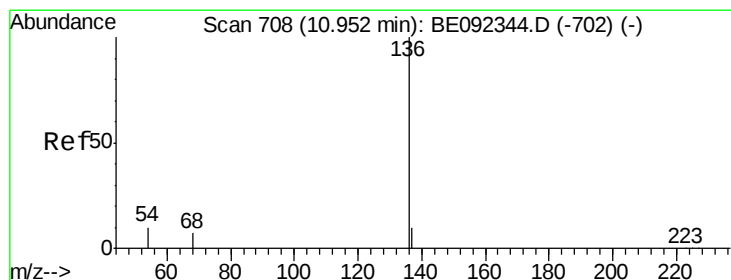
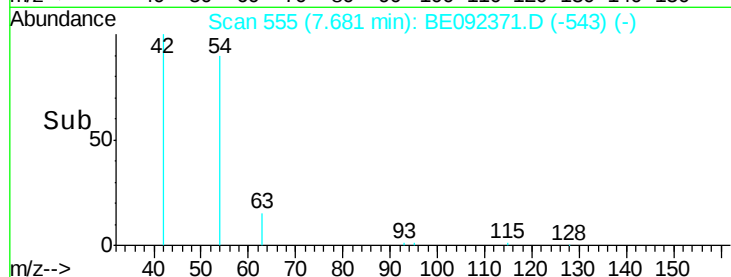
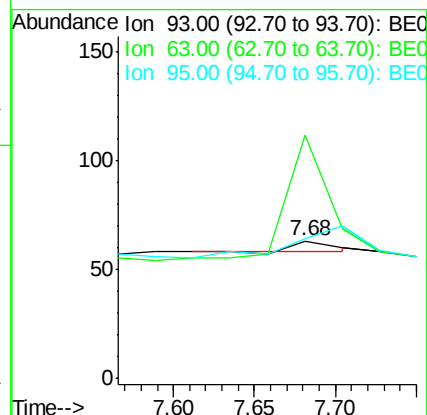
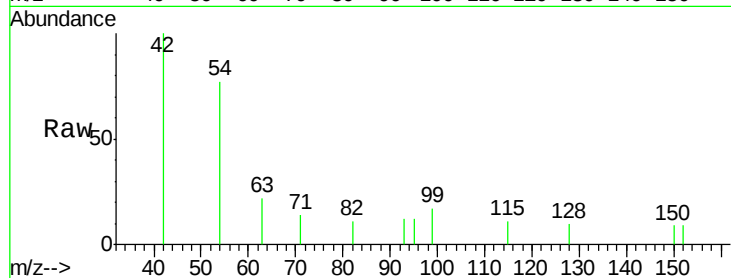
Tot Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

63 1350.0 71.6 107.4#

95 0.0 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: BE092371.D

Acq: 12 Sep 2016 12:52

Tgt Ion: 136 Resp: 39352

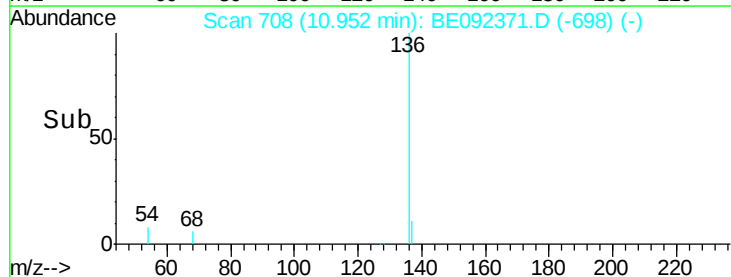
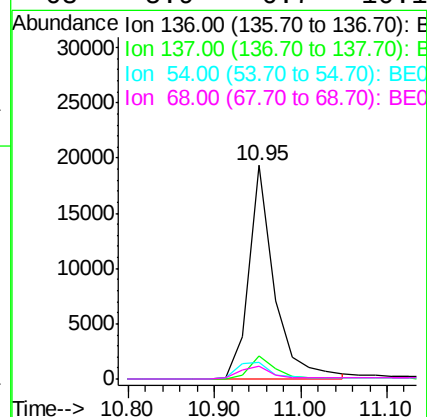
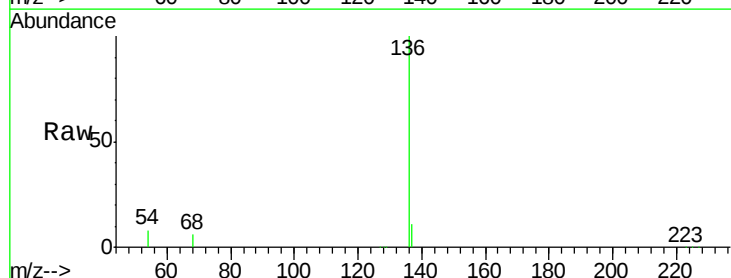
Ion Ratio Lower Upper

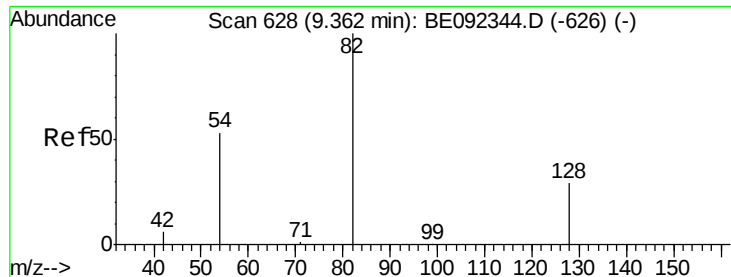
136 100

137 11.1 8.2 12.4

54 7.9 9.6 14.4#

68 5.9 6.7 10.1#





#8

Nitrobenzene-d5

Concen: 1.39 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

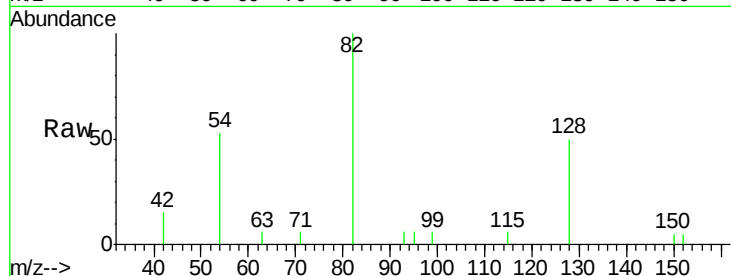
Tot Ion: 82 Resp: 3930

Ion Ratio Lower Upper

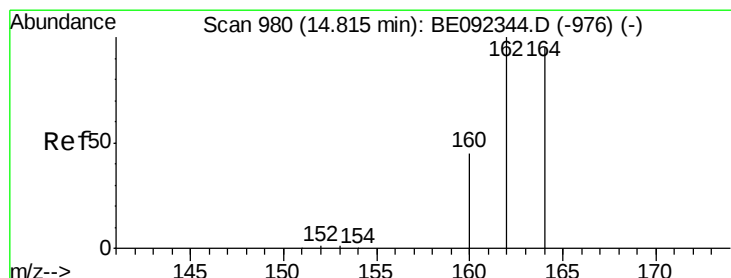
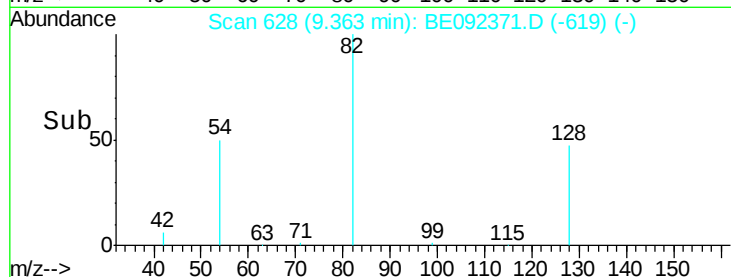
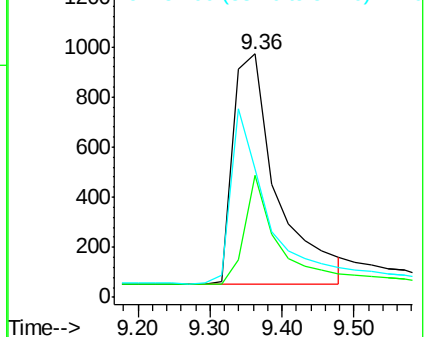
82 100

128 50.3 39.0 58.4

54 52.7 44.8 67.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.81 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

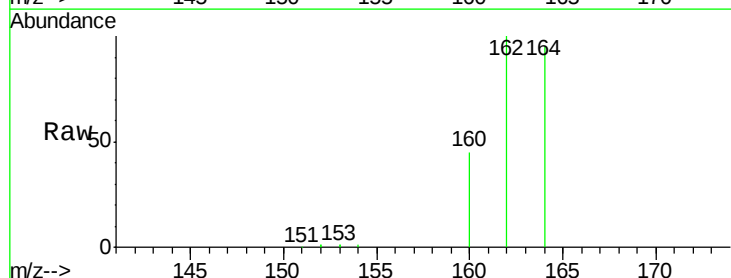
Tgt Ion: 164 Resp: 23758

Ion Ratio Lower Upper

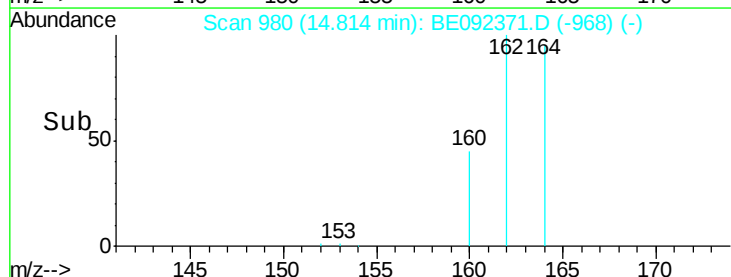
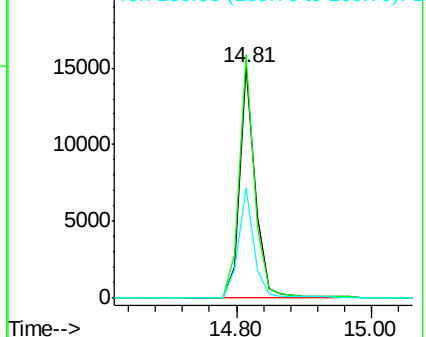
164 100

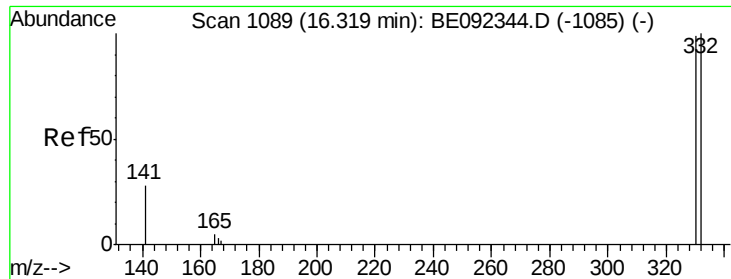
162 105.7 71.4 107.0

160 47.9 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

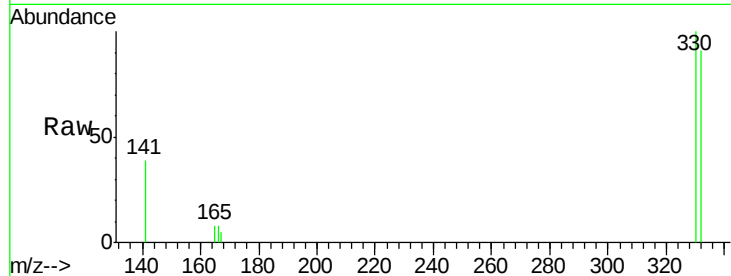




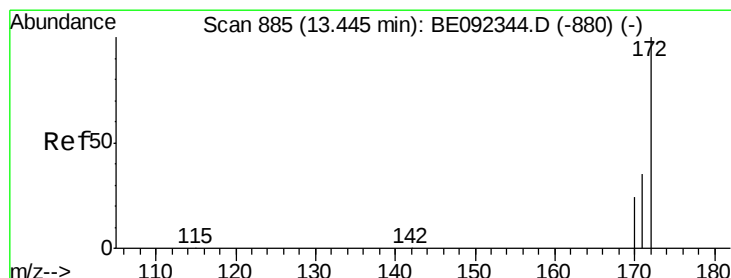
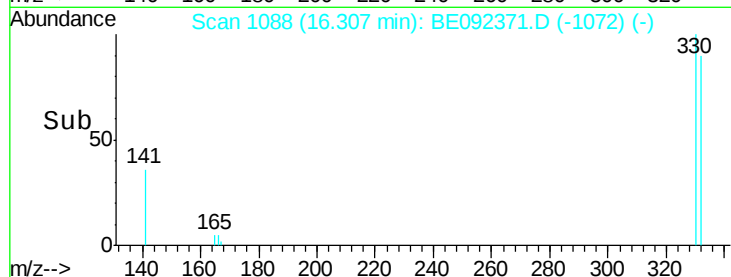
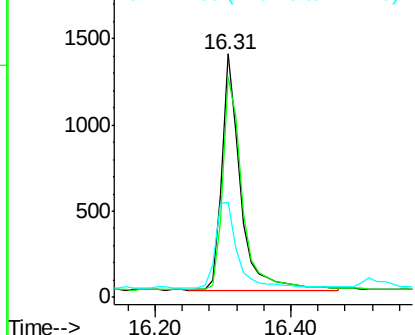
#13
 2,4,6-Tribromophenol
 Concen: 3.61 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092371.D
 Acq: 12 Sep 2016 12:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 2660
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.0
 141 43.0 31.0 46.6

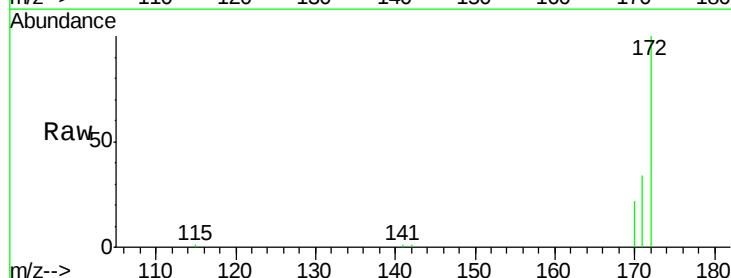


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

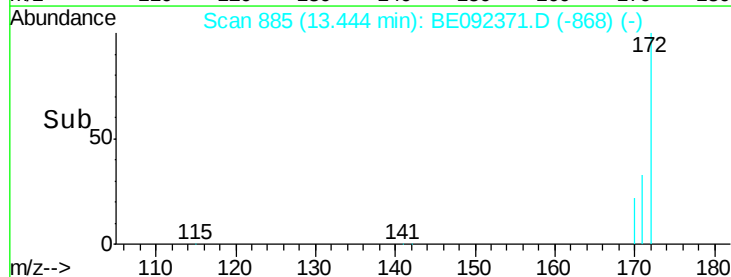
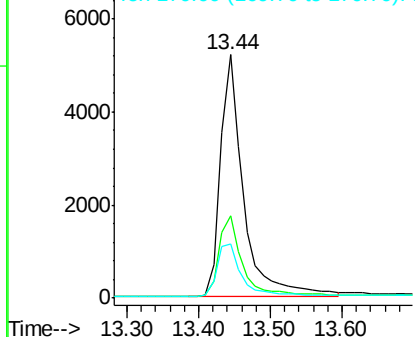


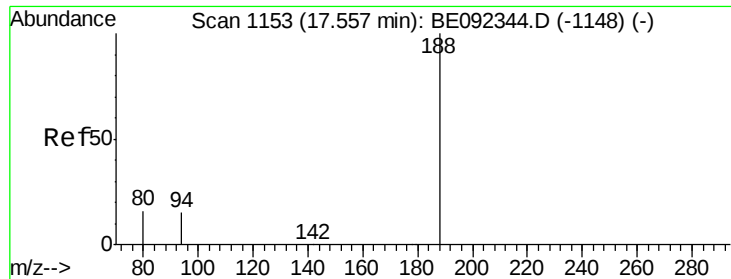
#14
 2-Fluorobiphenyl
 Concen: 1.58 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092371.D
 Acq: 12 Sep 2016 12:52

Tgt Ion:172 Resp: 11525
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.1 45.1
 170 22.3 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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

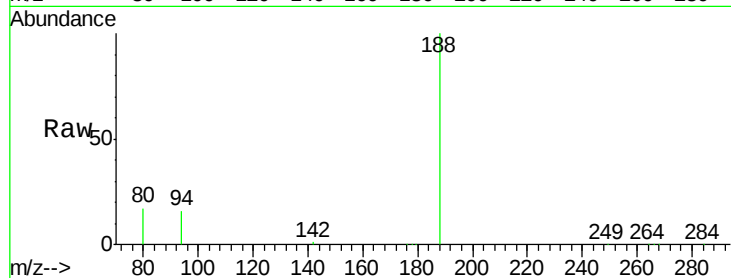
Tot Ion:188 Resp: 53566

Ion Ratio Lower Upper

188 100

94 16.2 3.2 4.8#

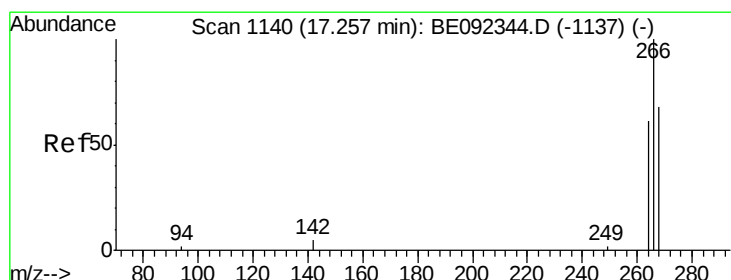
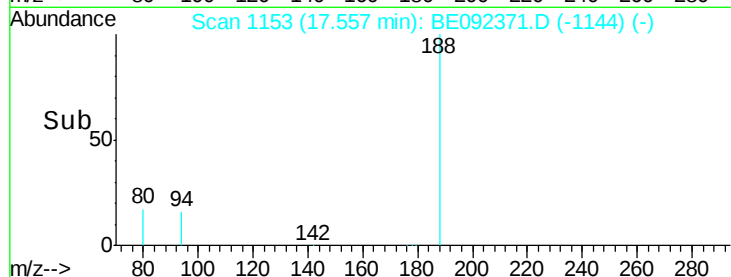
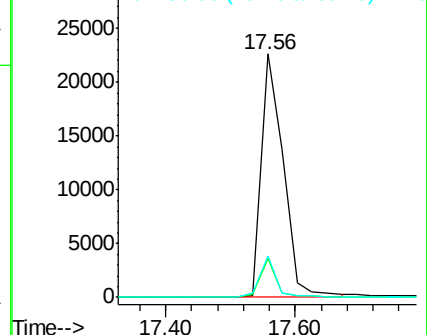
80 17.0 2.6 3.8#



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



#20

Pentachlorophenol

Concen: 0.06 ng

RT: 17.26 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

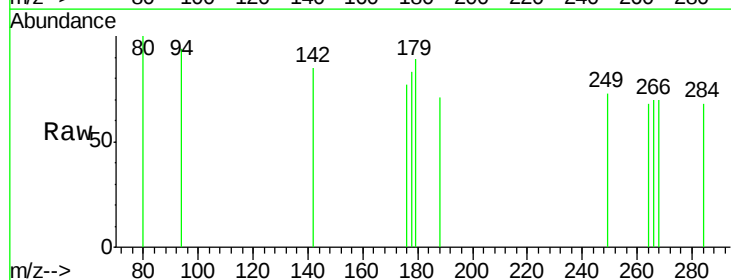
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

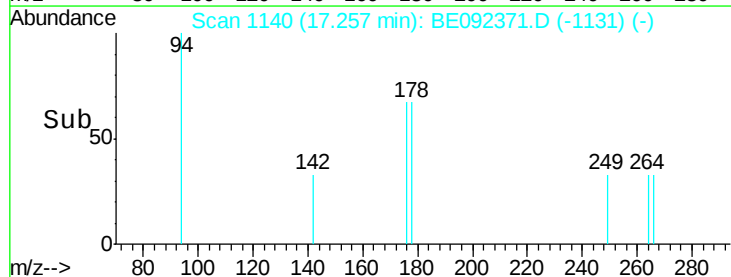
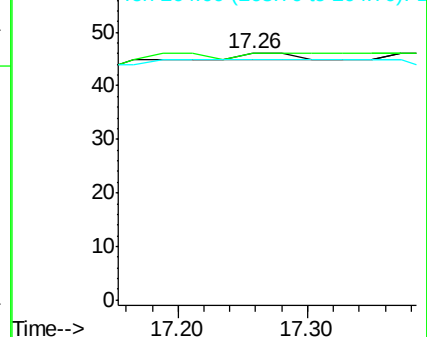
264 97.8 57.2 85.8#

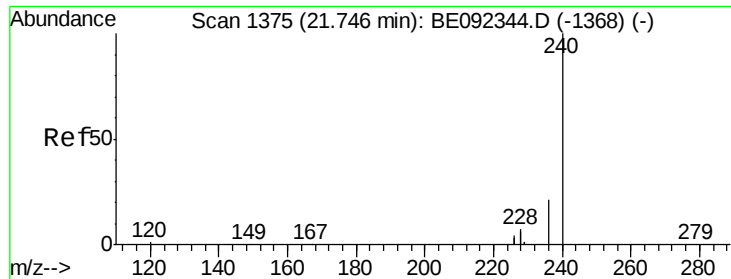


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

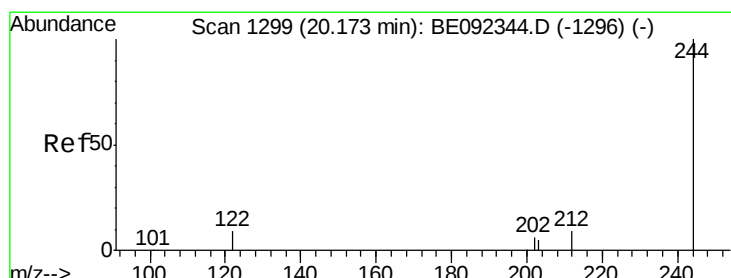
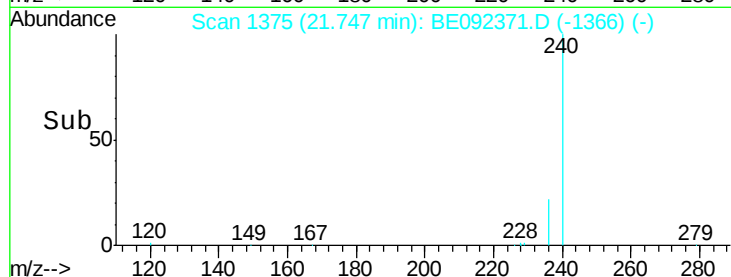
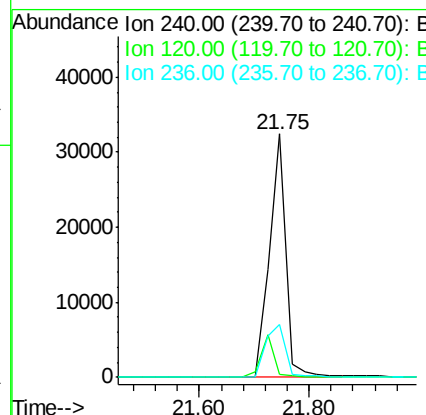
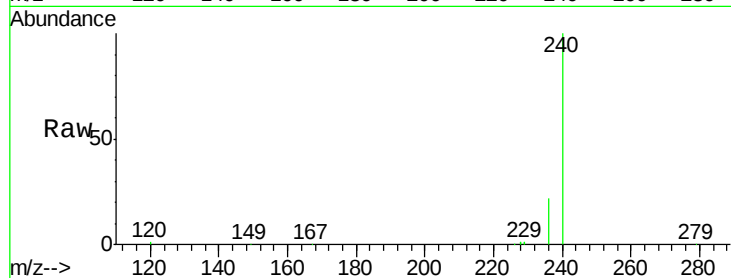




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092371.D
Acq: 12 Sep 2016 12:52

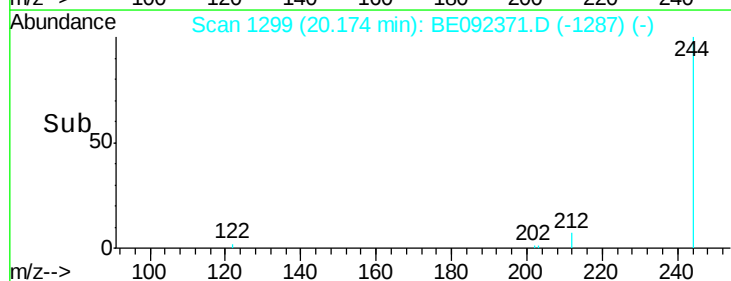
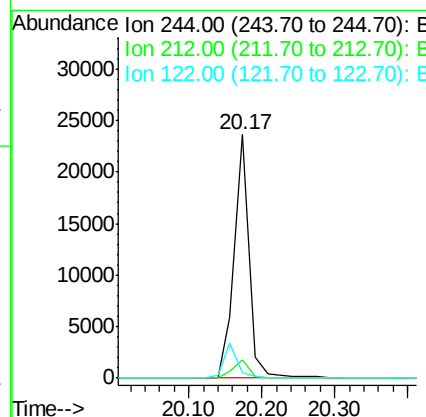
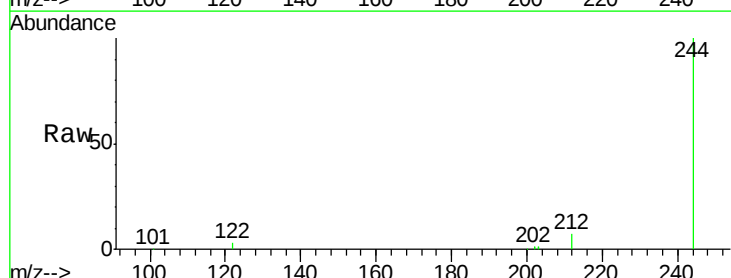
Instrument :
BNA_E
ClientSampleId :

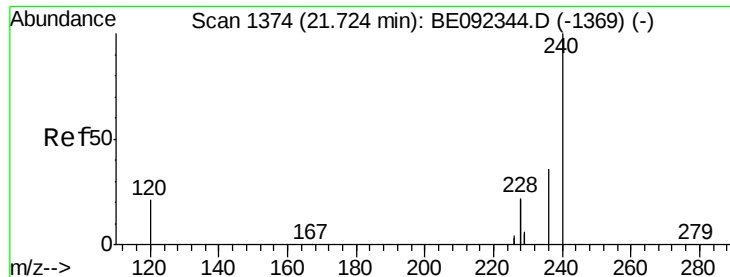
Tot Ion:240 Resp: 67842
Ion Ratio Lower Upper
240 100
120 1.1 2.6 4.0#
236 21.8 24.6 37.0#



#26
Terphenyl-d14
Concen: 3.29 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092371.D
Acq: 12 Sep 2016 12:52

Tgt Ion:244 Resp: 32996
Ion Ratio Lower Upper
244 100
212 7.5 6.7 10.1
122 2.5 3.6 5.4#

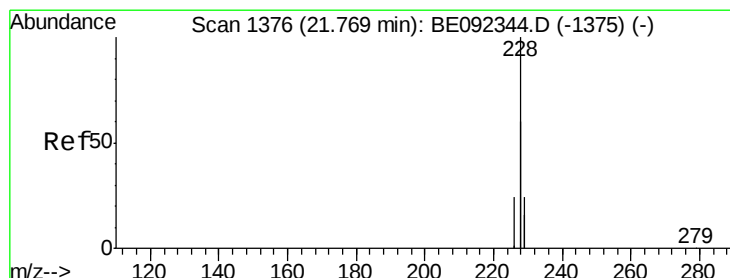
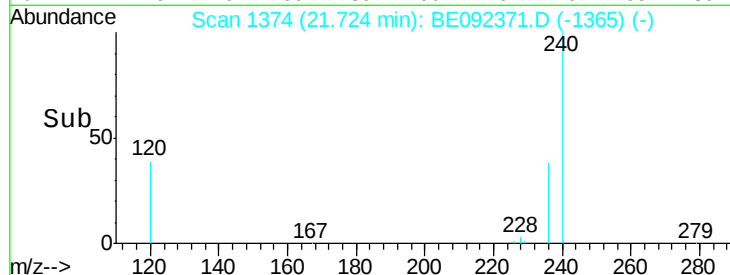
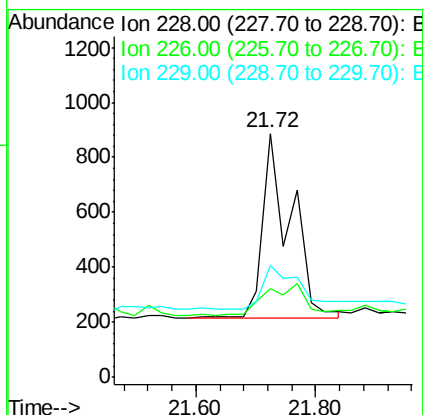
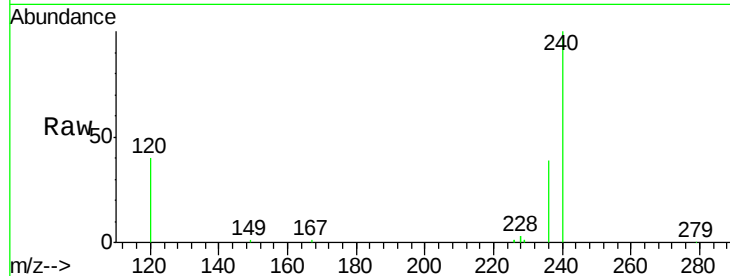




#27
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092371.D
Acq: 12 Sep 2016 12:52

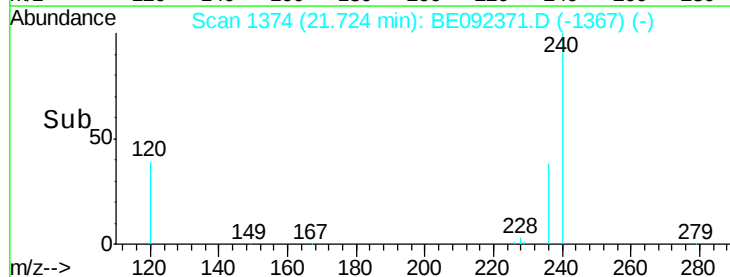
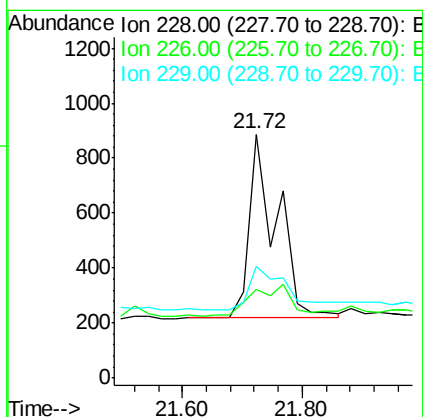
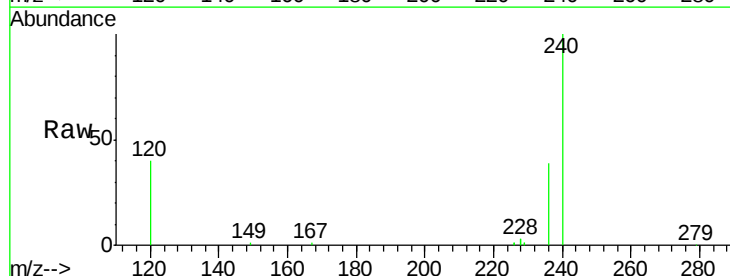
Instrument :
BNA_E
ClientSampleId :

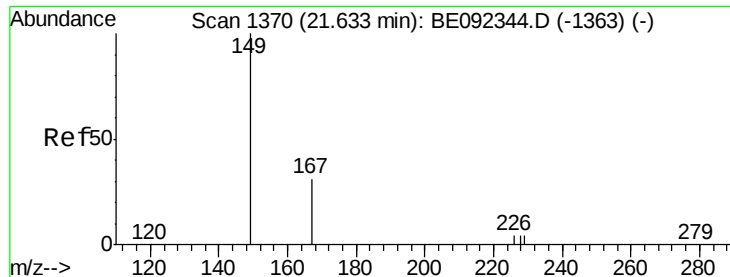
Tot Ion:228 Resp: 2190
Ion Ratio Lower Upper
228 100
226 36.6 23.6 35.4#
229 45.8 13.3 19.9#



#28
Chrysene
Concen: Below Cal
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092371.D
Acq: 12 Sep 2016 12:52

Tgt Ion:228 Resp: 2179
Ion Ratio Lower Upper
228 100
226 36.6 36.3 54.5
229 45.8 10.6 16.0#

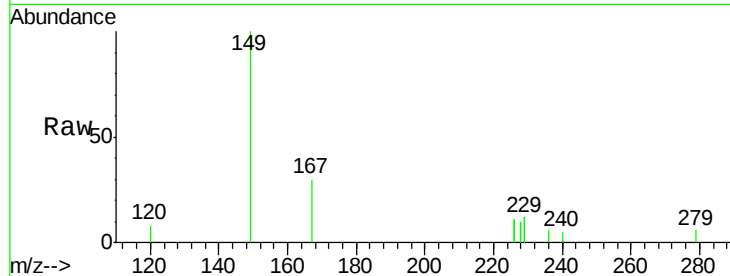




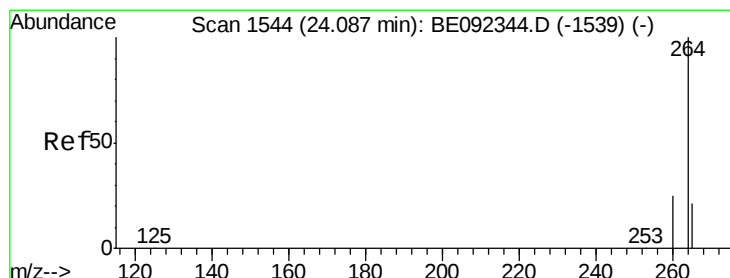
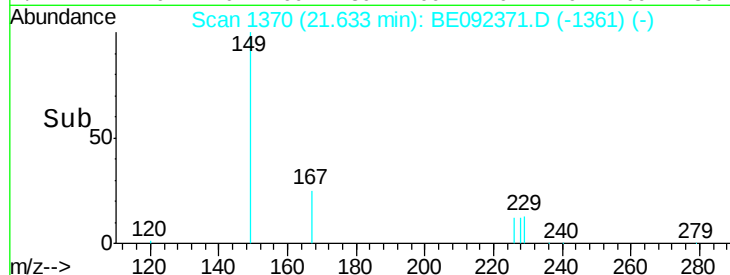
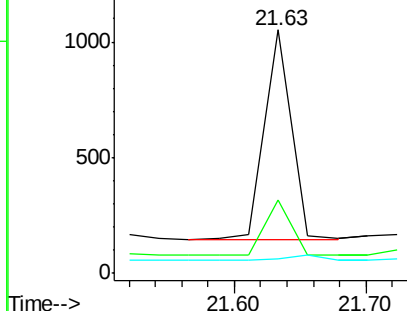
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BE092371.D
 Acq: 12 Sep 2016 12:52

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1292
 Ion Ratio Lower Upper
 149 100
 167 26.0 16.0 24.0#
 279 0.0 16.0 24.0#

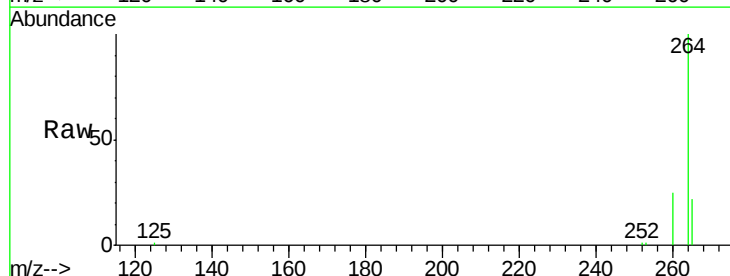


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

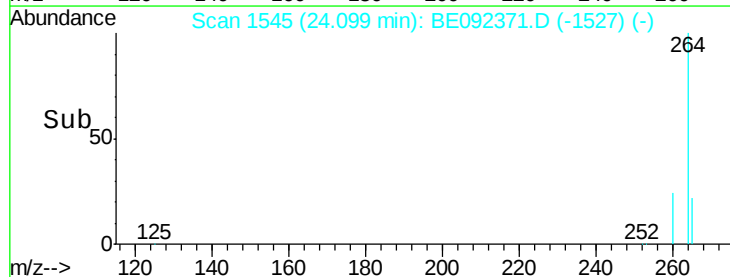
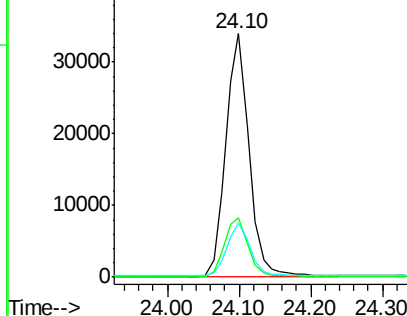


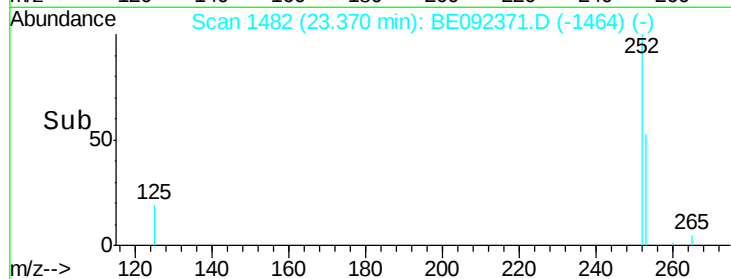
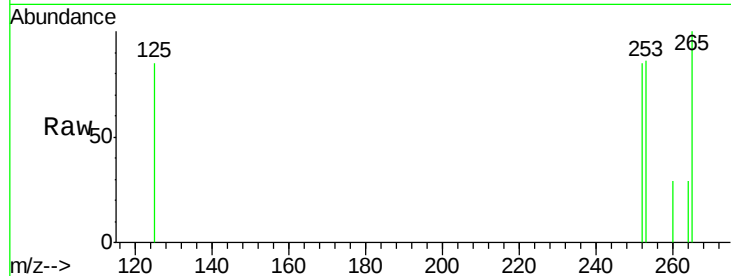
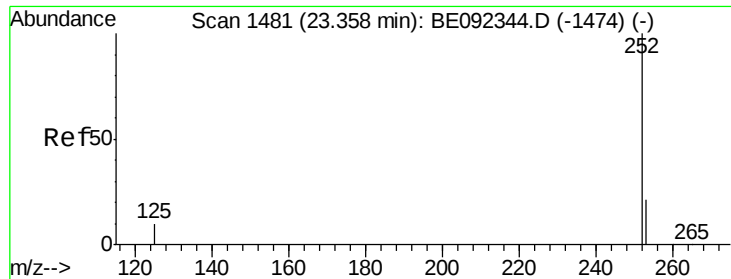
#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.10 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BE092371.D
 Acq: 12 Sep 2016 12:52

Tgt Ion:264 Resp: 76504
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.1 30.1
 265 22.1 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





#32

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 23.37 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE092371.D

Acq: 12 Sep 2016 12:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 410

Ion Ratio Lower Upper

252 100

253 101.7 18.7 28.1#

125 100.6 10.5 15.7#

