

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
 Data File : Be092644.d
 Acq On : 11 Jan 2017 17:30
 Operator : UM/SJ
 Sample : I1100-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 11 18:33:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

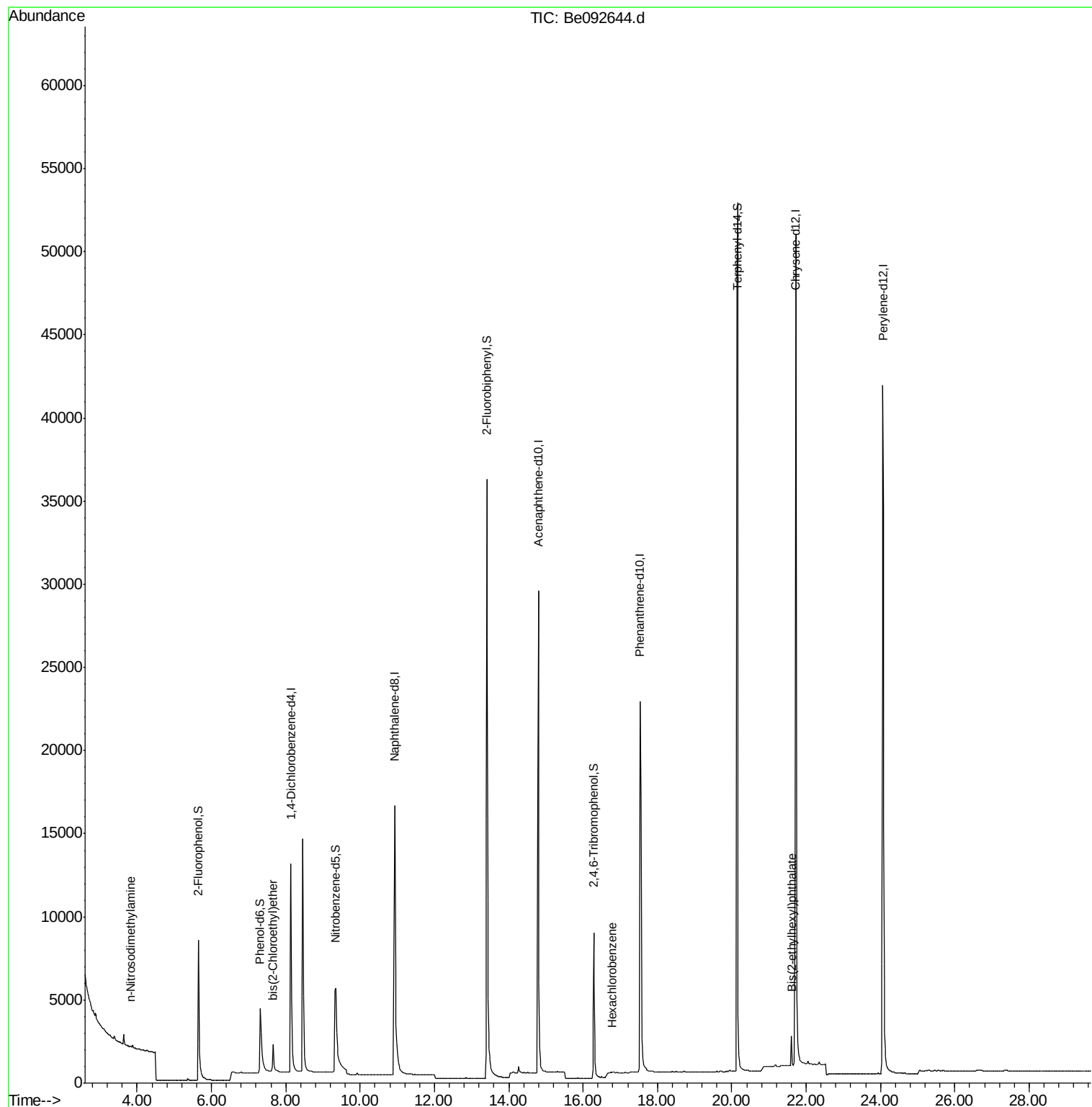
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8266	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	35892	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	22809	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	47747	5.00	ng	-0.02
24) Chrysene-d12	21.72	240	66178	5.00	ng	0.00
31) Perylene-d12	24.07	264	65183	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	9381	5.90	ng	-0.03
5) Phenol-d6	7.31	99	7554	3.22	ng	-0.07
8) Nitrobenzene-d5	9.34	82	12155	4.90	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	6699	10.12	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	47401	8.69	ng	-0.02
26) Terphenyl-d14	20.16	244	89773	11.06	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.39	88	158	Below Cal	#	47
3) n-Nitrosodimethylamine	3.83	42	60	0.24 ng	#	6
6) bis(2-Chloroethyl)ether	7.66	93	18	0.11 ng	#	1
19) Hexachlorobenzene	16.77	284	552	0.27 ng	#	39
29) Bis(2-ethylhexyl)phthalate	21.61	149	2027	0.40 ng	#	73

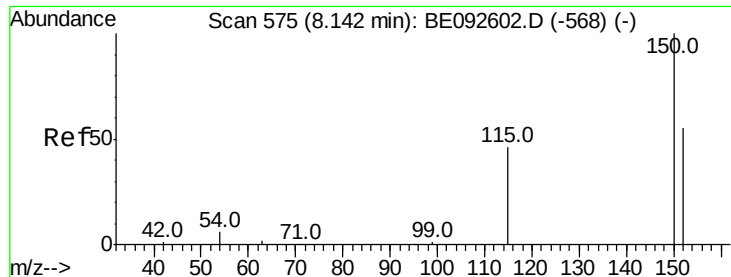
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: Be092644.d

Acq: 11 Jan 2017 17:30

Instrument :

BNA_E

ClientSampleId :

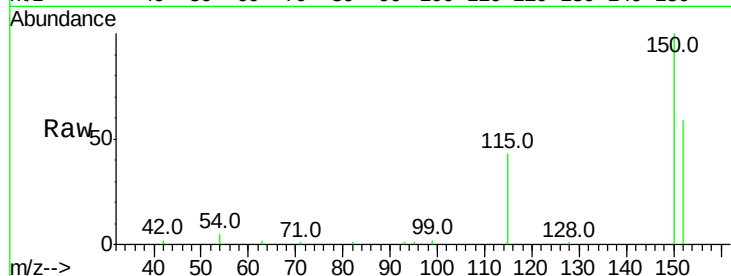
Tot Ion:152 Resp: 8266

Ion Ratio Lower Upper

152 100

150 169.2 106.0 159.0#

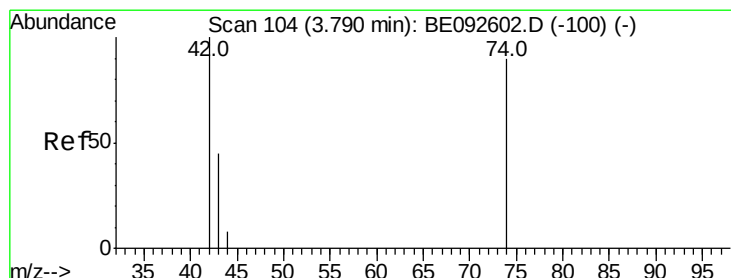
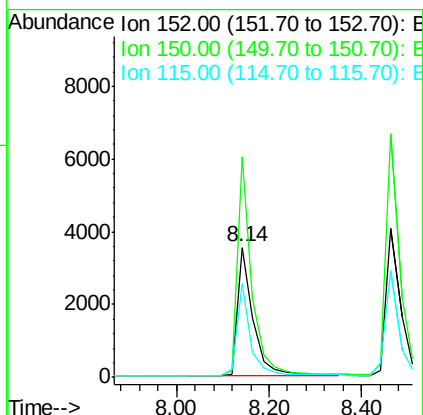
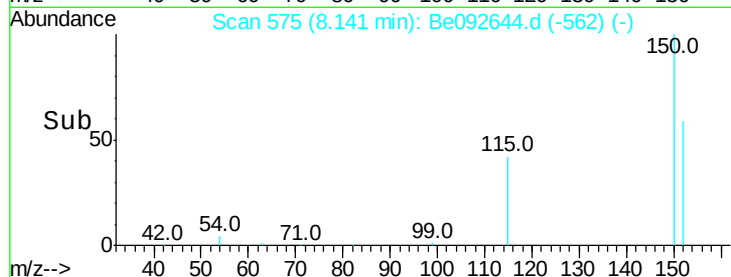
115 72.6 31.2 46.8#



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: 0.24 ng

RT: 3.83 min Scan# 107

Delta R.T. 0.04 min

Lab File: Be092644.d

Acq: 11 Jan 2017 17:30

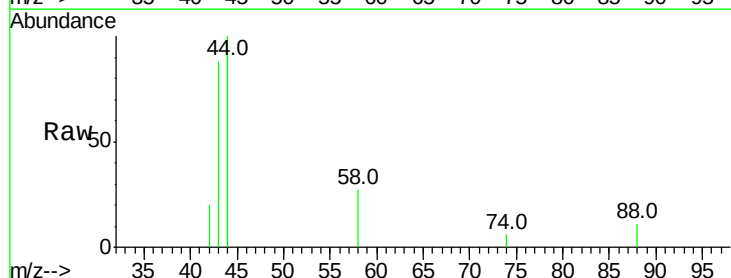
Tgt Ion: 42 Resp: 60

Ion Ratio Lower Upper

42 100

74 5.0 86.0 129.0#

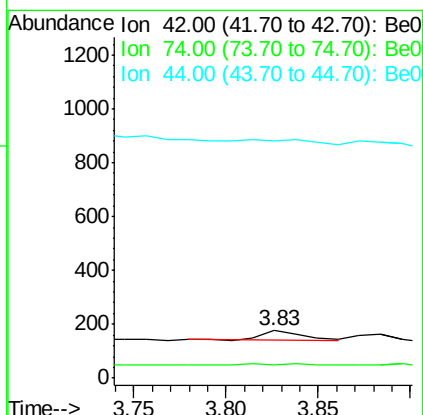
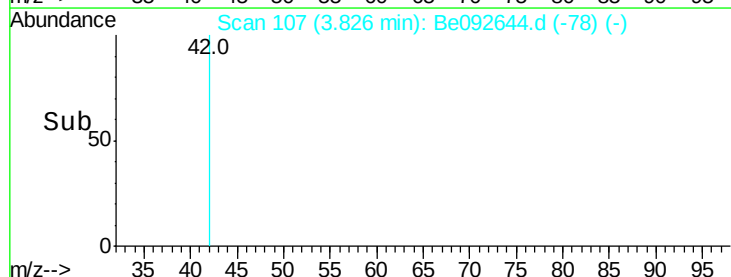
44 0.0 5.1 7.7#

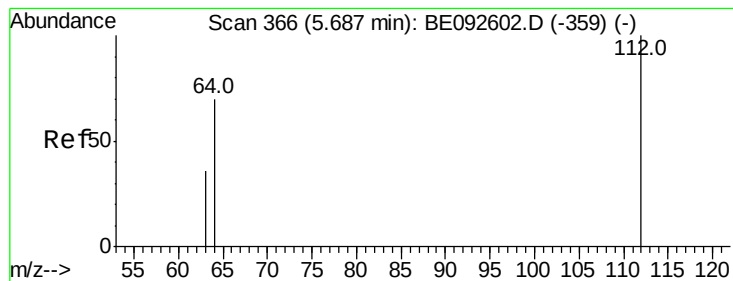


Abundance Ion 42.00 (41.70 to 42.70): Be0

Ion 74.00 (73.70 to 74.70): Be0

Ion 44.00 (43.70 to 44.70): Be0





#4

2-Fluorophenol

Concen: 5.90 ng

RT: 5.65 min Scan# 360

Delta R.T. -0.03 min

Lab File: BE092644.d

Acq: 11 Jan 2017 17:30

Instrument :

BNA_E

ClientSampleId :

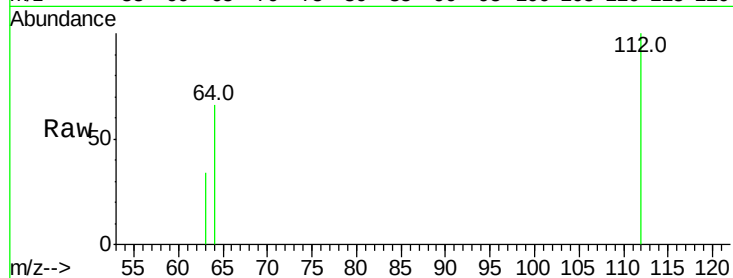
Tot Ion:112 Resp: 9381

Ion Ratio Lower Upper

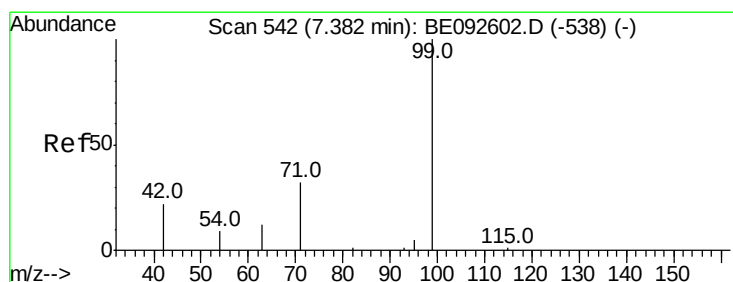
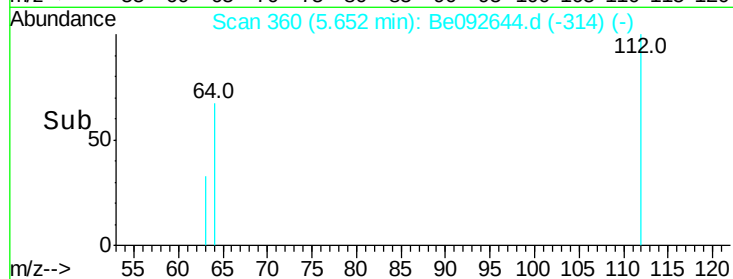
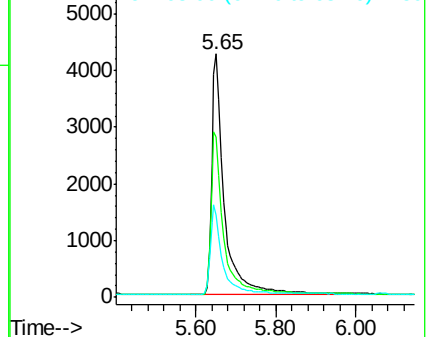
112 100

64 68.7 53.5 80.3

63 36.7 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: 3.22 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092644.d

Acq: 11 Jan 2017 17:30

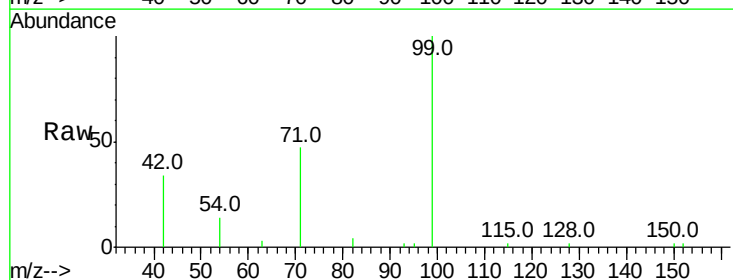
Tgt Ion: 99 Resp: 7554

Ion Ratio Lower Upper

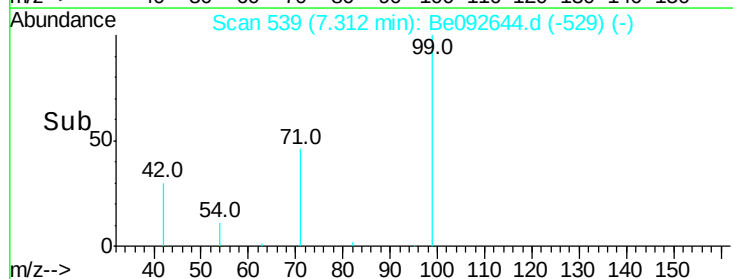
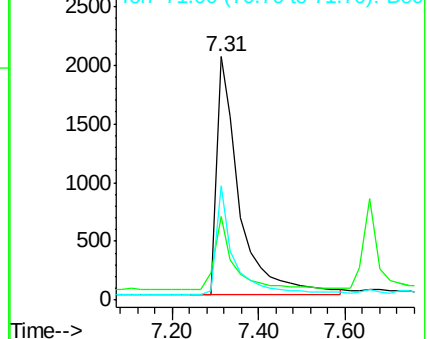
99 100

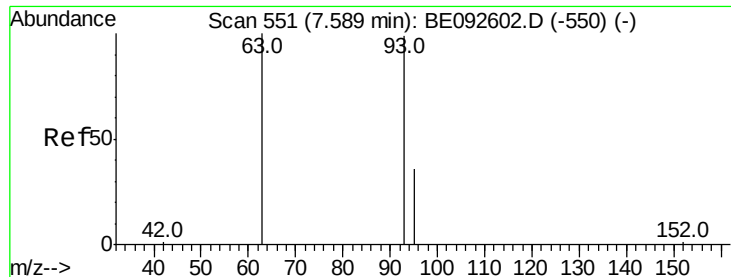
42 25.0 16.0 24.0#

71 35.6 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): Be0
Ion 42.00 (41.70 to 42.70): Be0
Ion 71.00 (70.70 to 71.70): Be0





#6

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.66 min Scan# 554

Delta R.T. 0.07 min

Lab File: BE092644.d

Acq: 11 Jan 2017 17:30

Instrument :

BNA_E

ClientSampleId :

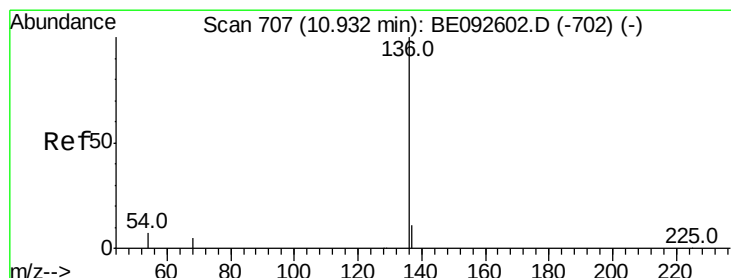
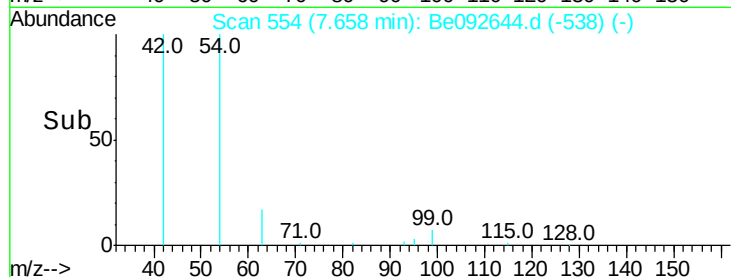
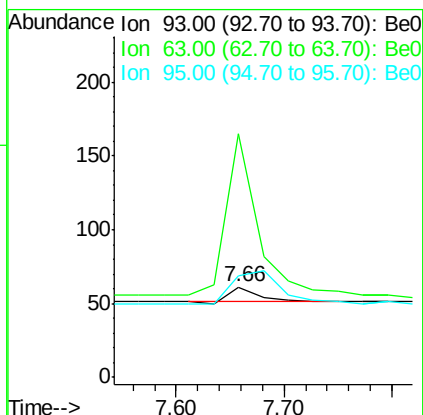
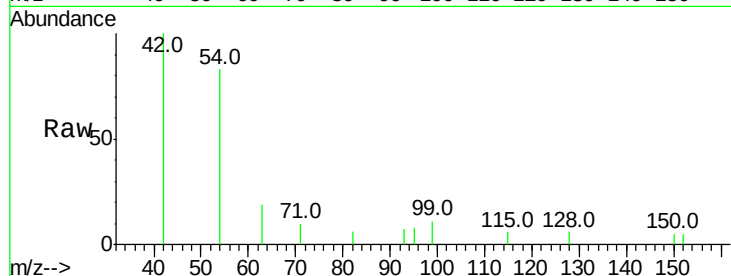
Tot Ion: 93 Resp: 18

Ion Ratio Lower Upper

93 100

63 1200.0 71.6 107.4#

95 0.0 24.0 36.0#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092644.d

Acq: 11 Jan 2017 17:30

Tgt Ion: 136 Resp: 35892

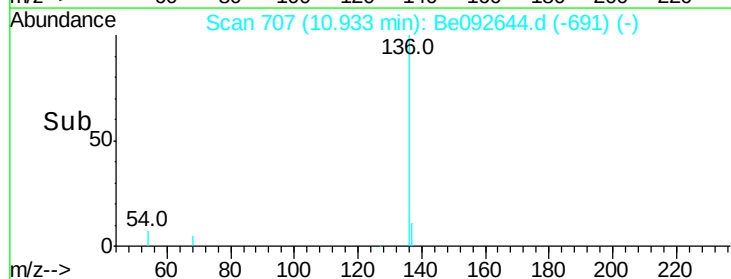
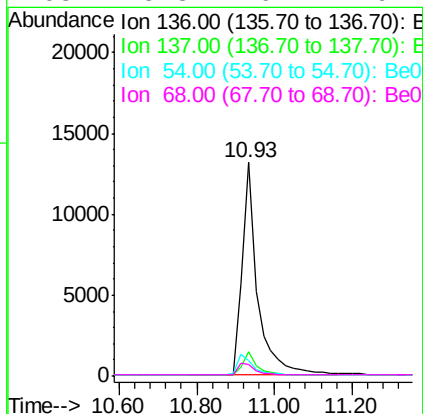
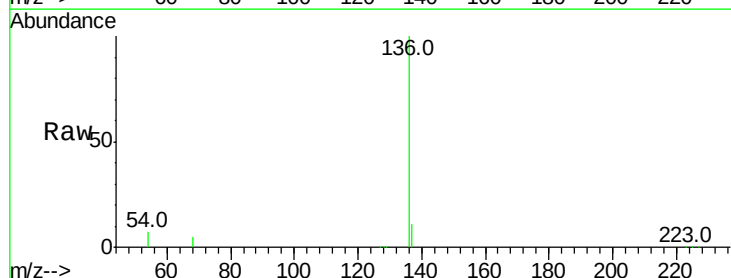
Ion Ratio Lower Upper

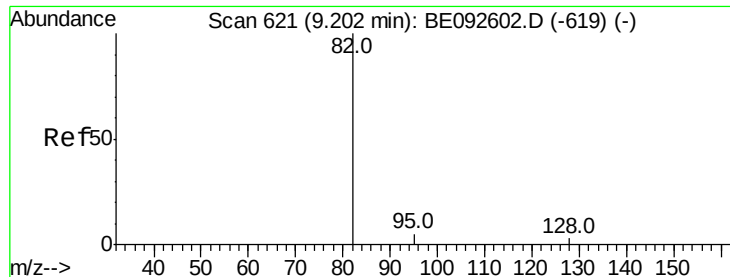
136 100

137 11.4 8.2 12.4

54 7.4 9.6 14.4#

68 5.3 6.7 10.1#

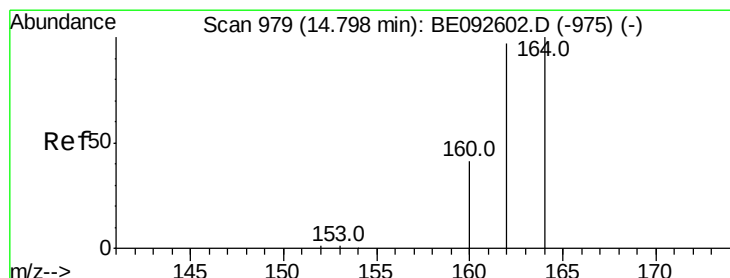
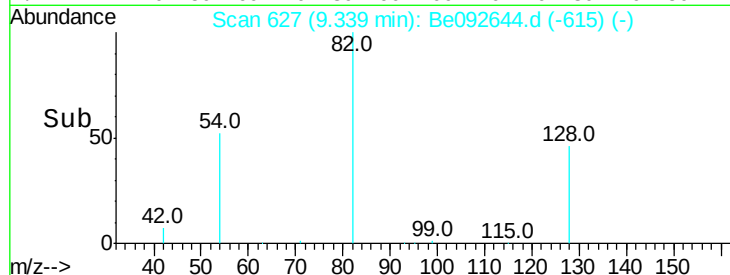
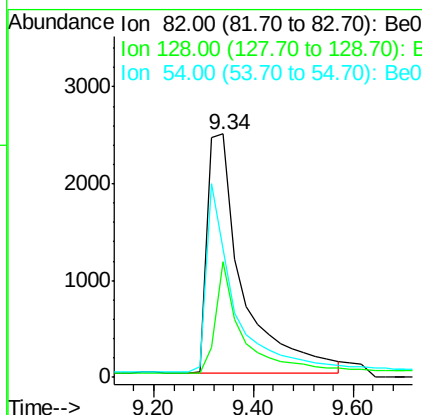
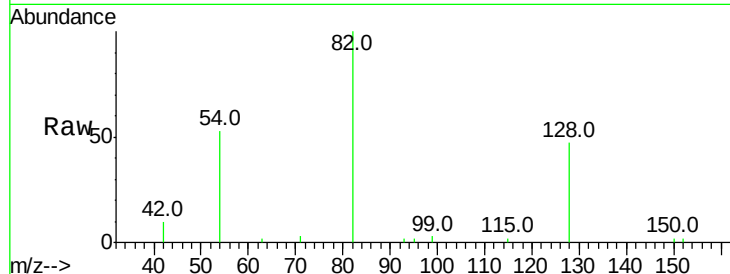




#8
 Nitrobenzene-d5
 Concen: 4.90 ng
 RT: 9.34 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: Be092644.d
 Acq: 11 Jan 2017 17:30

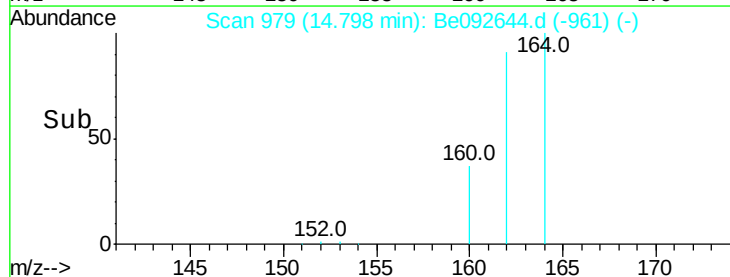
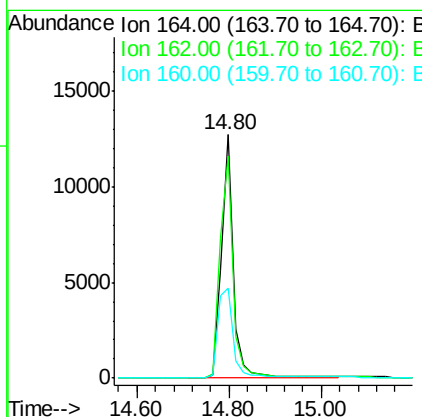
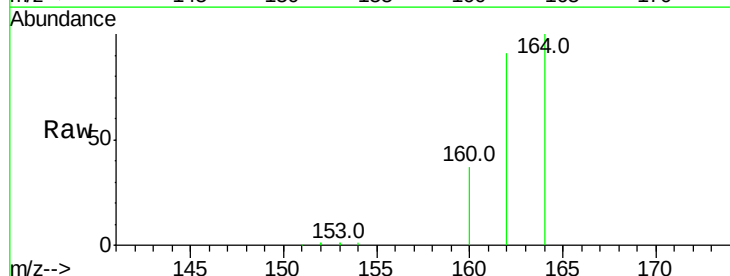
Instrument :
 BNA_E
 ClientSampleId :

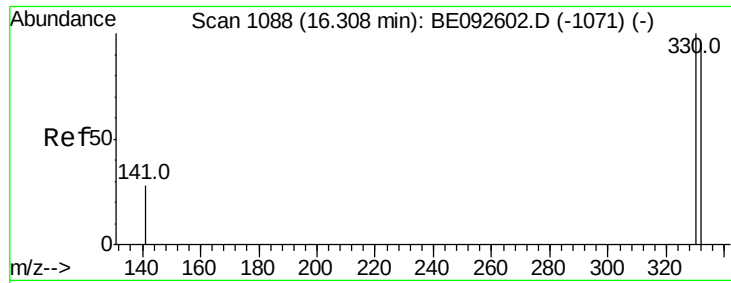
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	39.0	58.4
54	52.6	44.8	67.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.80 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: Be092644.d
 Acq: 11 Jan 2017 17:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.1	71.4	107.0
160	37.2	27.4	41.2

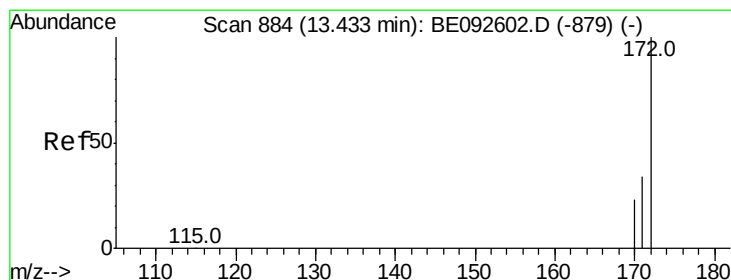
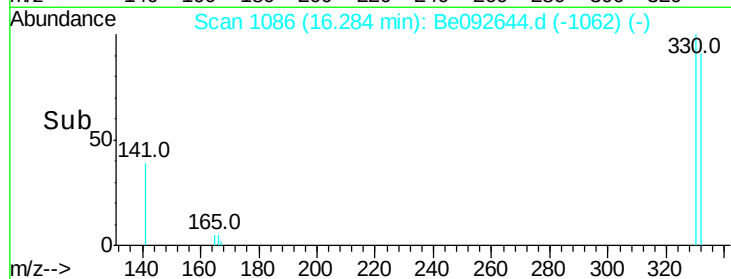
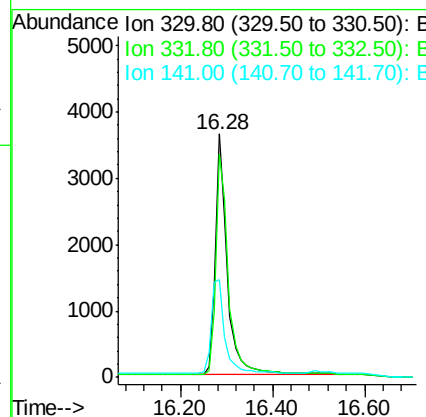
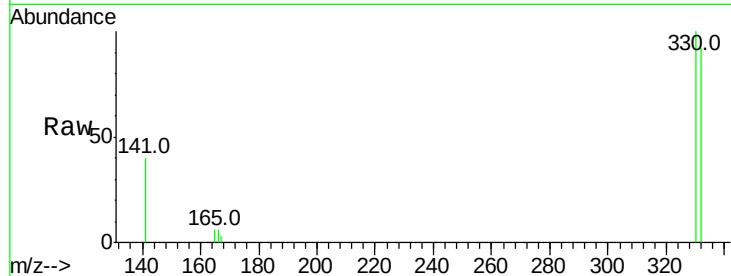




#13
 2,4,6-Tribromophenol
 Concen: 10.12 ng
 RT: 16.28 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BE092644.d
 Acq: 11 Jan 2017 17:30

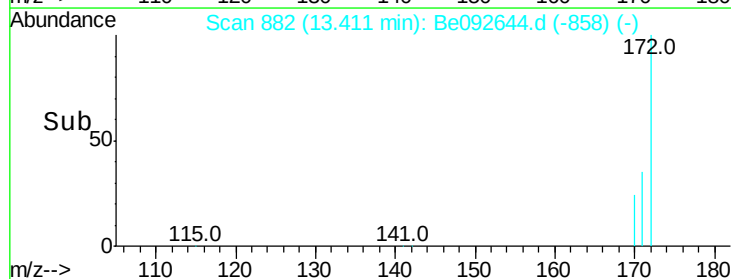
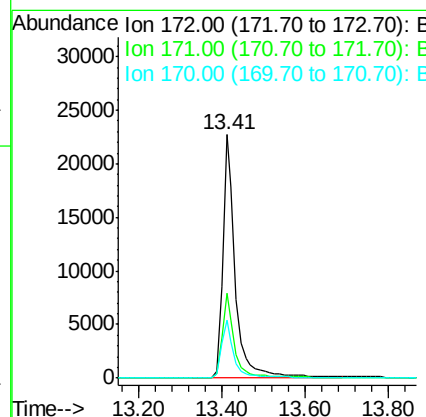
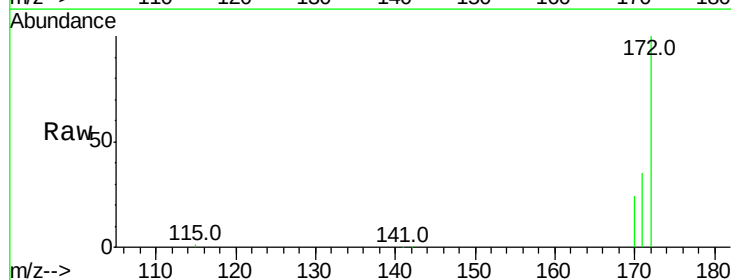
Instrument :
 BNA_E
 ClientSampleId :

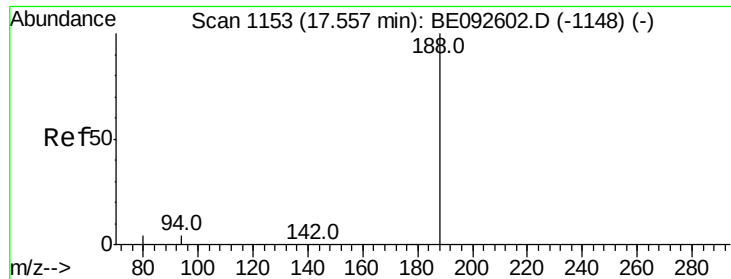
Tot Ion:330 Resp: 6699
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.0
 141 45.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 8.69 ng
 RT: 13.41 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BE092644.d
 Acq: 11 Jan 2017 17:30

Tgt Ion:172 Resp: 47401
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.1 45.1
 170 23.8 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BE092644.d

Acq: 11 Jan 2017 17:30

Instrument :

BNA_E

ClientSampleId :

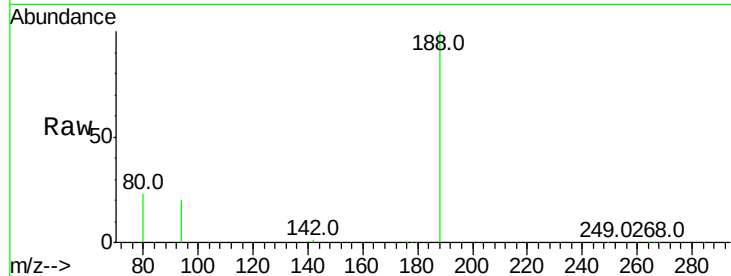
Tot Ion:188 Resp: 47747

Ion Ratio Lower Upper

188 100

94 20.4 3.2 4.8#

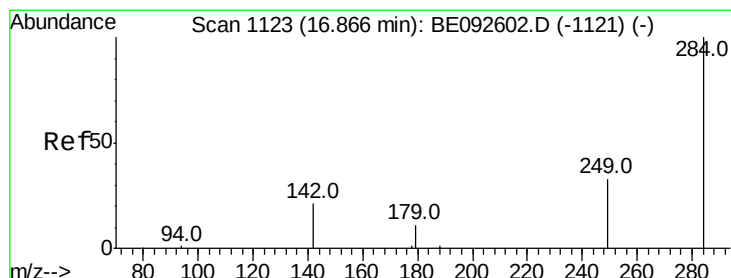
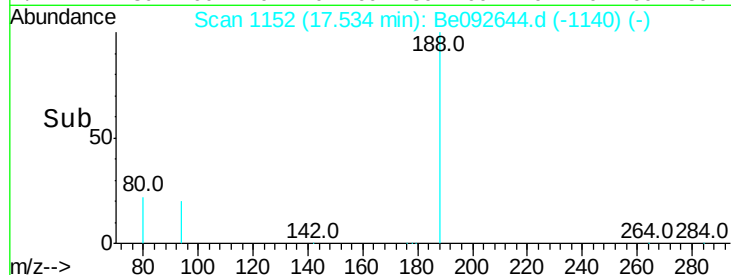
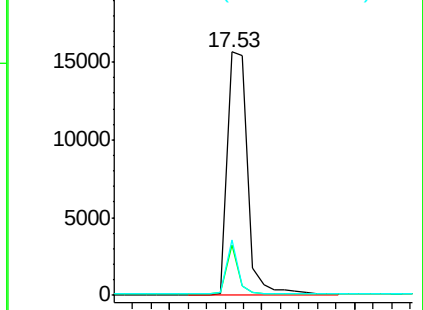
80 22.7 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): Be0

Ion 80.00 (79.70 to 80.70): Be0



#19

Hexachlorobenzene

Concen: 0.27 ng

RT: 16.77 min Scan# 1119

Delta R.T. -0.09 min

Lab File: BE092644.d

Acq: 11 Jan 2017 17:30

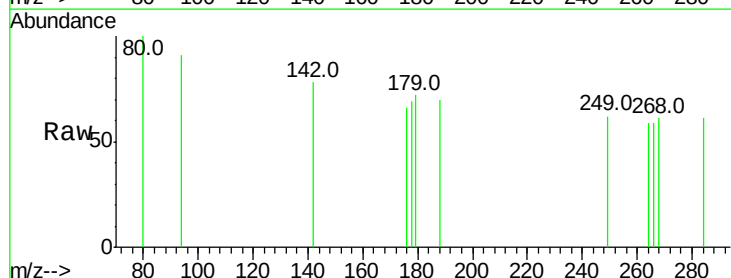
Tgt Ion:284 Resp: 552

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

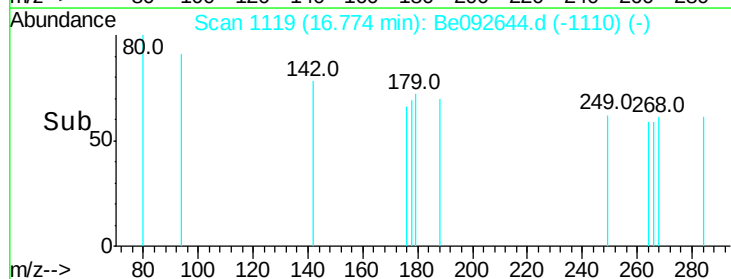
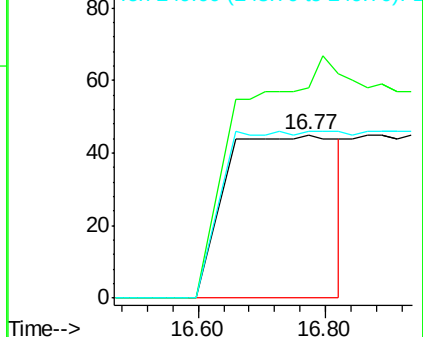
249 0.0 27.9 41.9#

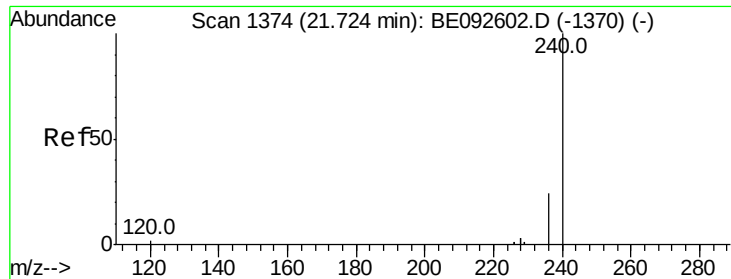


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092644.d

Acq: 11 Jan 2017 17:30

Instrument :

BNA_E

ClientSampled :

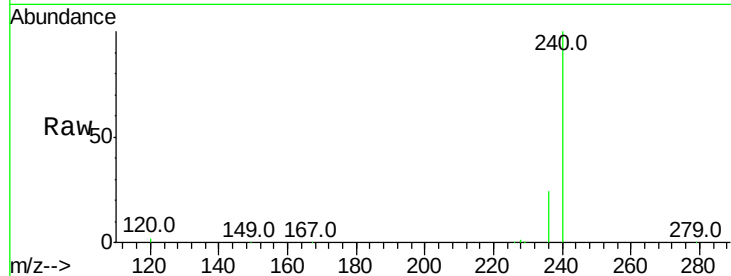
Tot Ion:240 Resp: 66178

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

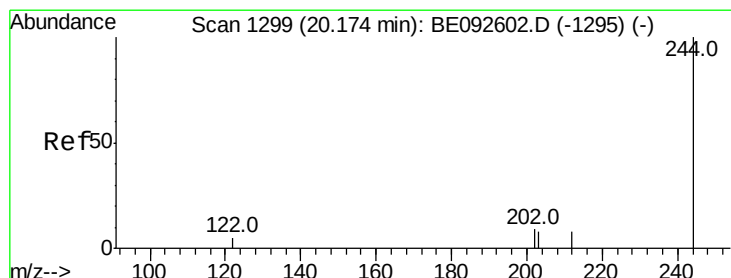
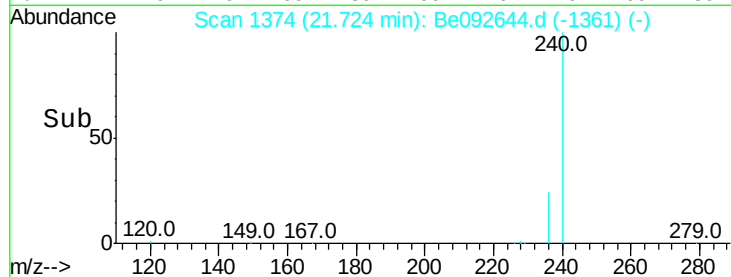
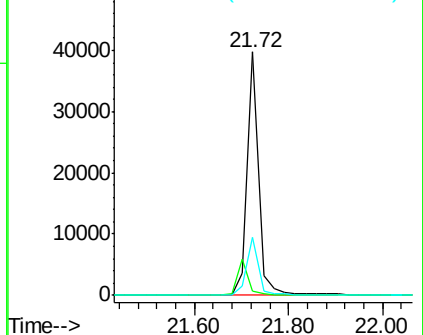
236 23.8 24.6 37.0#



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: 11.06 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092644.d

Acq: 11 Jan 2017 17:30

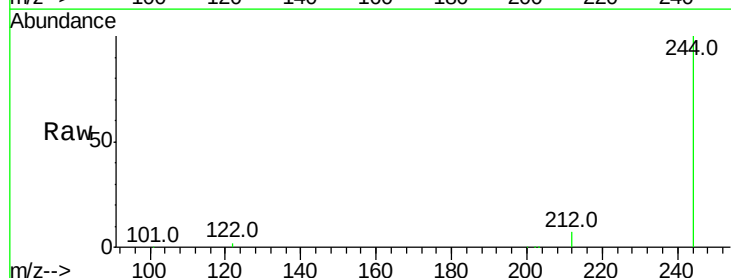
Tgt Ion:244 Resp: 89773

Ion Ratio Lower Upper

244 100

212 6.9 6.7 10.1

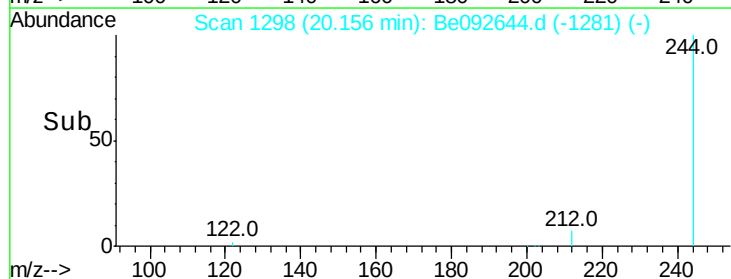
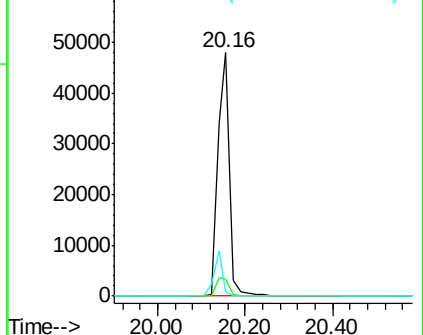
122 1.7 3.6 5.4#

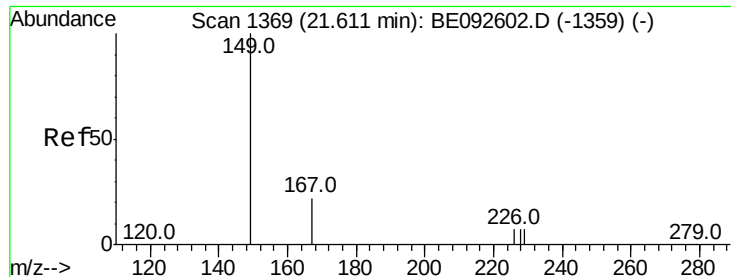


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

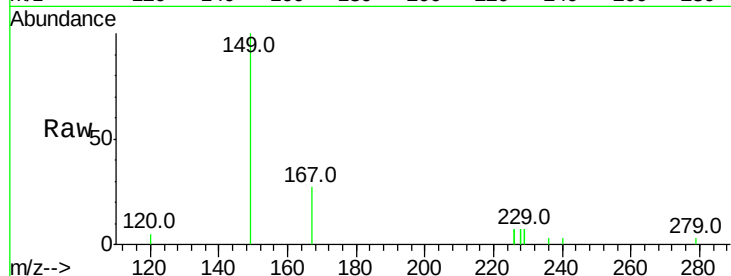




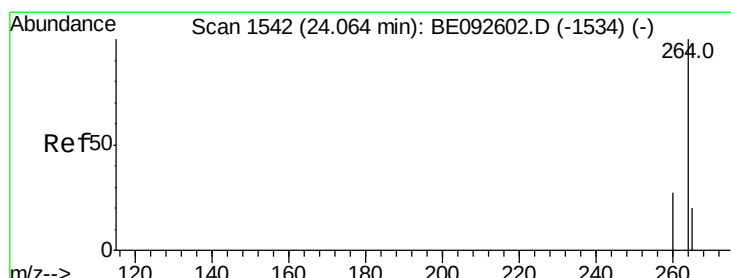
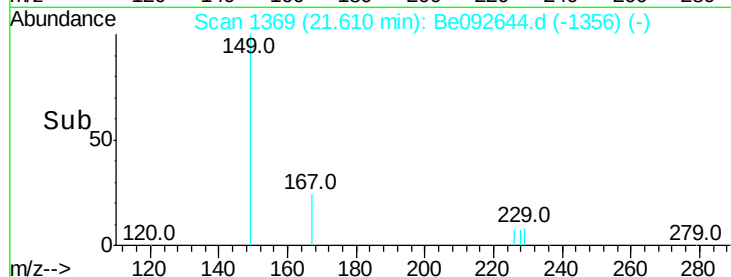
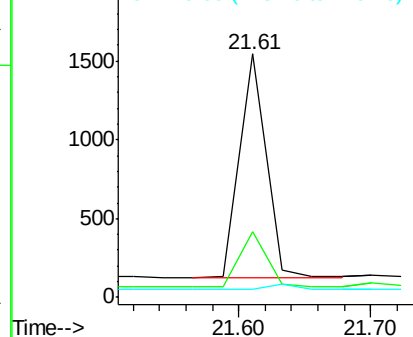
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.40 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE092644.d
 Acq: 11 Jan 2017 17:30

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2027
 Ion Ratio Lower Upper
 149 100
 167 24.4 16.0 24.0#
 279 0.0 16.0 24.0#

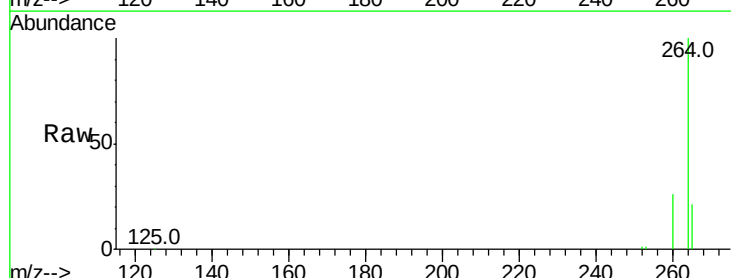


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.07 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BE092644.d
 Acq: 11 Jan 2017 17:30

Tgt Ion:264 Resp: 65183
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.1 30.1
 265 21.5 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

