

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
 Data File : BE092622.D
 Acq On : 27 Dec 2016 14:20
 Operator : UM/SJ
 Sample : PB95531BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95531BL

Quant Time: Dec 28 01:25:13 2016
 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

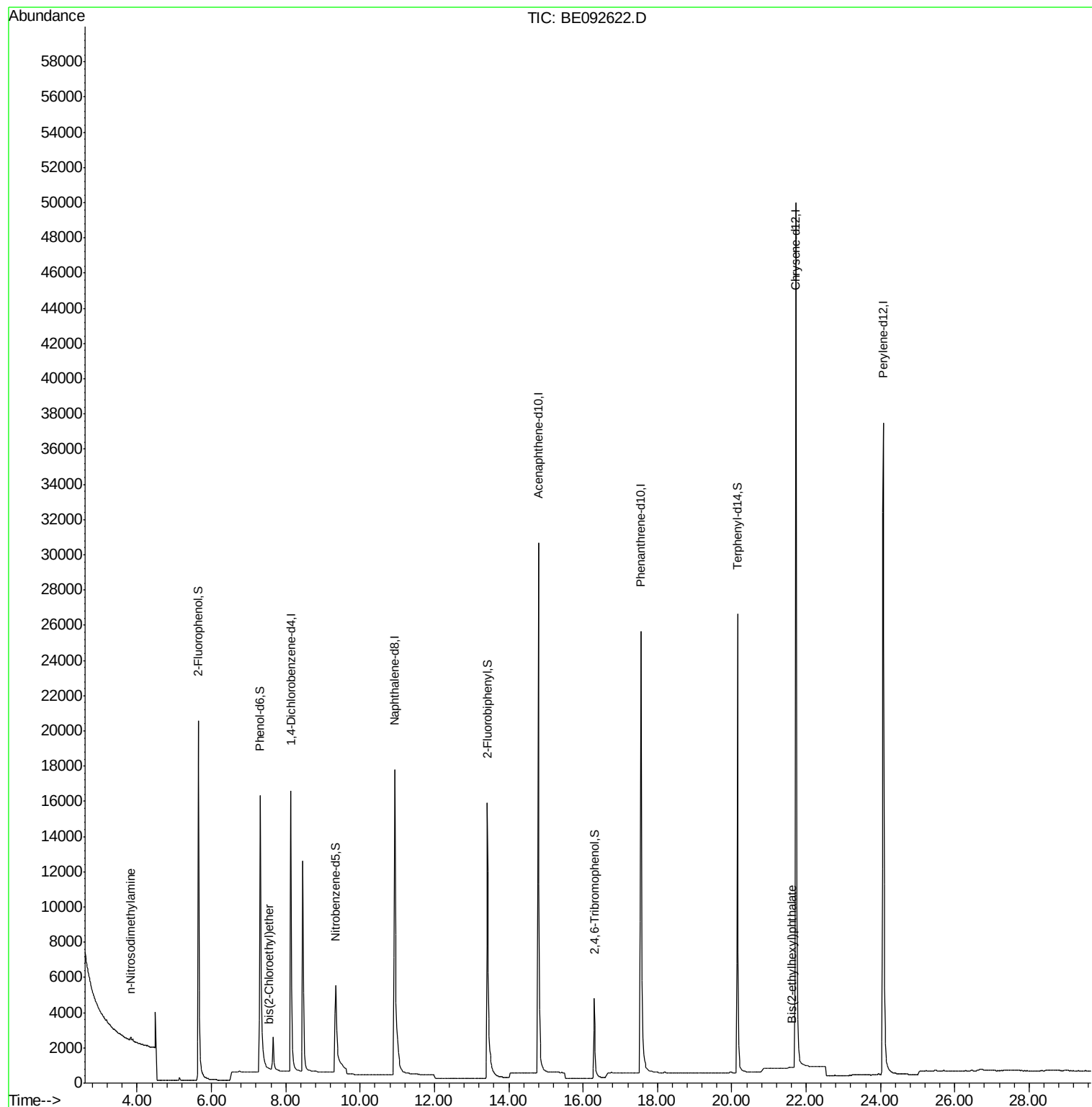
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9974	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	40387	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24342	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	49849	5.00	ng	0.00
24) Chrysene-d12	21.72	240	66484	5.00	ng	0.00
31) Perylene-d12	24.08	264	63491	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	19371	9.99	ng	-0.04
5) Phenol-d6	7.31	99	25307	8.63	ng	-0.07
8) Nitrobenzene-d5	9.34	82	10880	3.93	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	4332	6.20	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	25978	4.46	ng	-0.01
26) Terphenyl-d14	20.16	244	35294	4.33	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.54	88	17	Below Cal	#	19
3) n-Nitrosodimethylamine	3.83	42	34	0.22 ng	#	7
6) bis(2-Chloroethyl)ether	7.54	93	6	0.11 ng	#	15
20) Pentachlorophenol	17.19	266	4	Below Cal	#	72
29) Bis(2-ethylhexyl)phthalate	21.61	149	96	0.07 ng	#	73

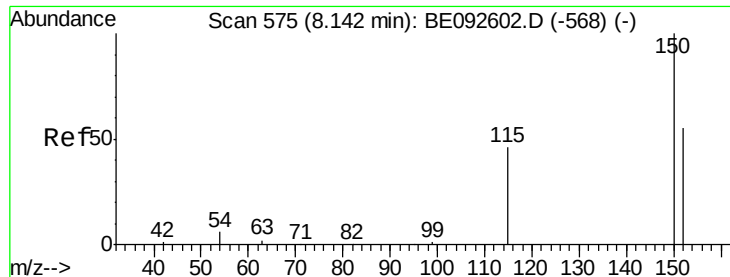
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. 0.00 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

Instrument :

BNA_E

ClientSampleId :

PB95531BL

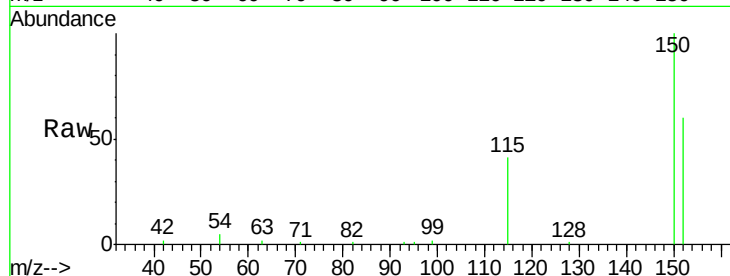
Tgt Ion:152 Resp: 9974

Ion Ratio Lower Upper

152 100

150 167.3 106.0 159.0#

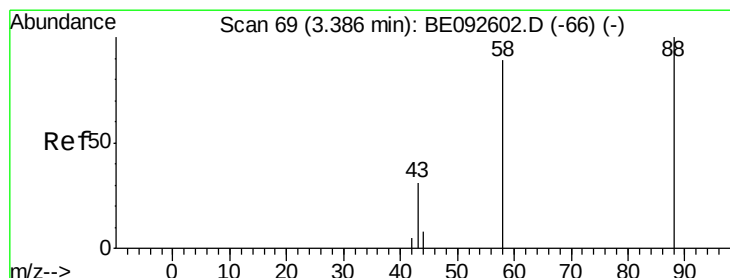
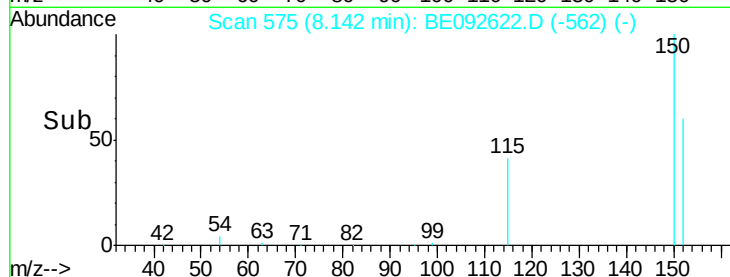
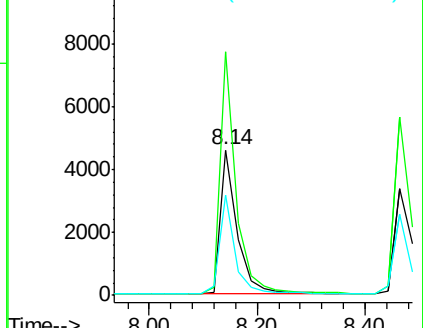
115 69.1 31.2 46.8#



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.54 min Scan# 82

Delta R.T. 0.15 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

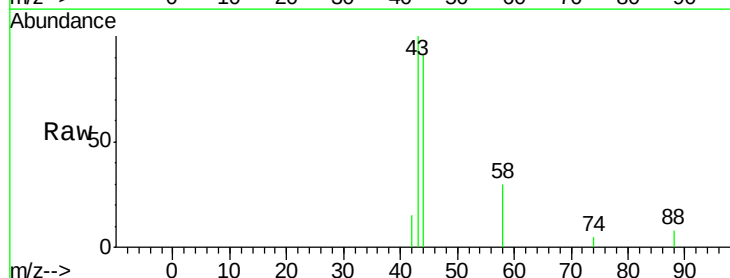
Tgt Ion: 88 Resp: 17

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

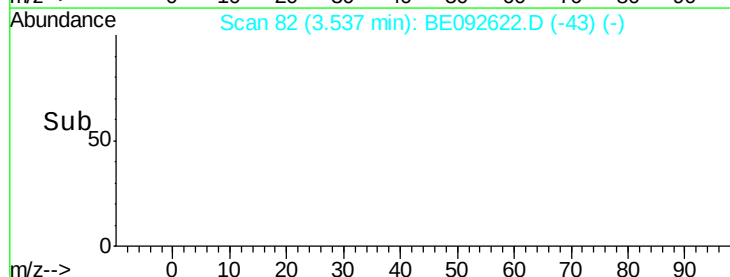
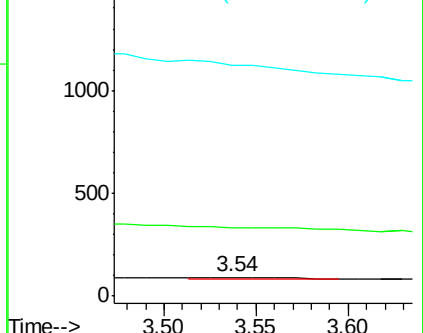
43 0.0 28.0 42.0#

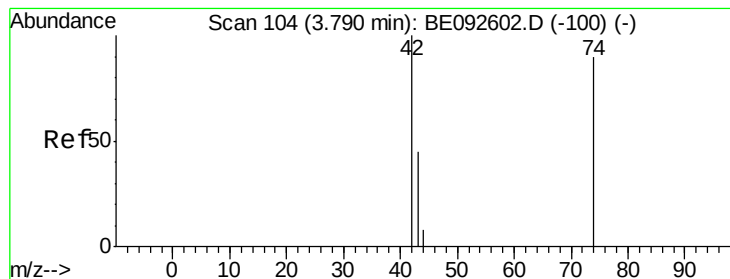


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.22 ng

RT: 3.83 min Scan# 107

Delta R.T. 0.04 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

Instrument :

BNA_E

ClientSampleId :

PB95531BL

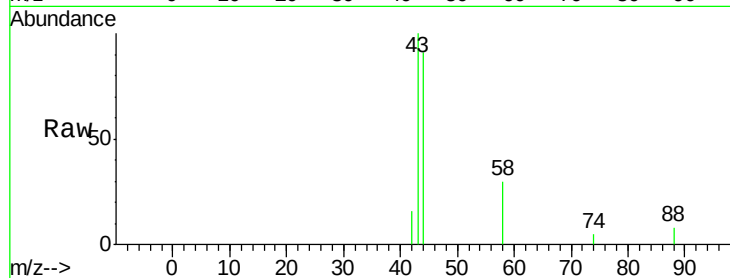
Tgt Ion: 42 Resp: 34

Ion Ratio Lower Upper

42 100

74 5.9 86.0 129.0#

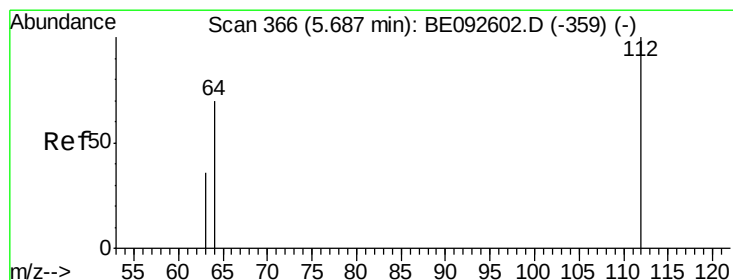
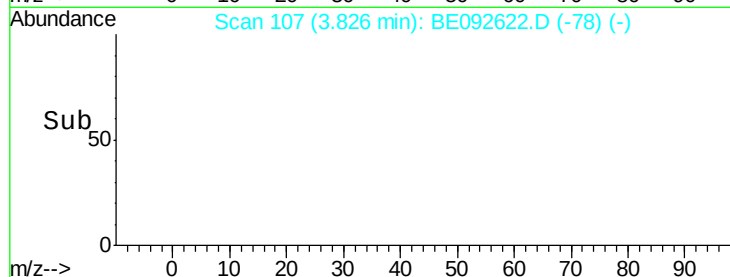
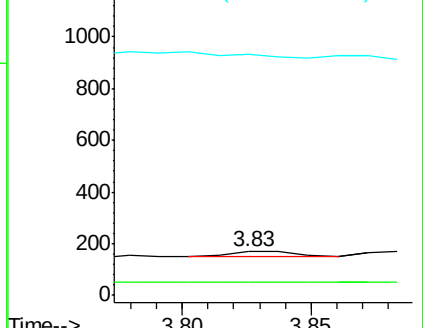
44 0.0 5.1 7.7#



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: 9.99 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.04 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

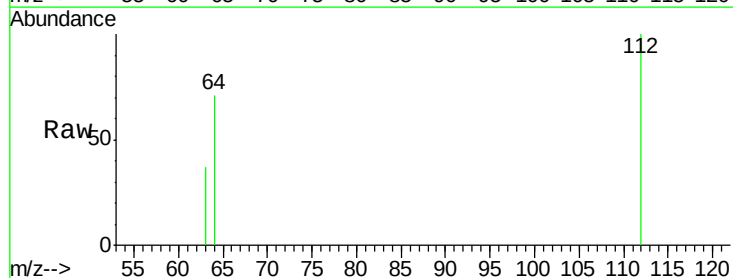
Tgt Ion: 112 Resp: 19371

Ion Ratio Lower Upper

112 100

64 68.9 53.5 80.3

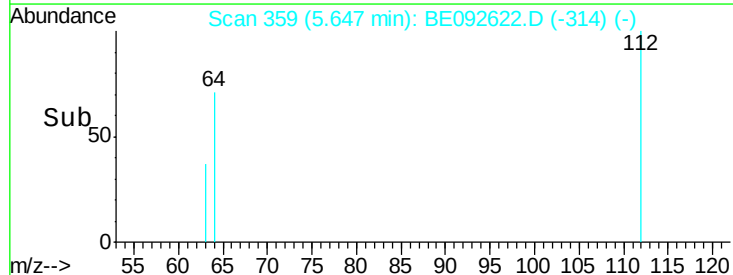
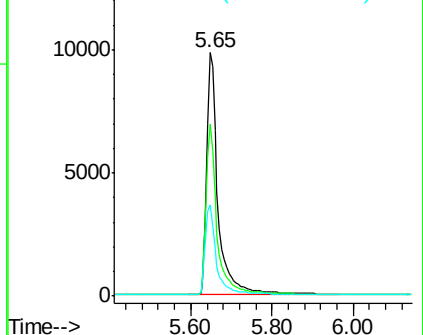
63 36.9 27.9 41.9

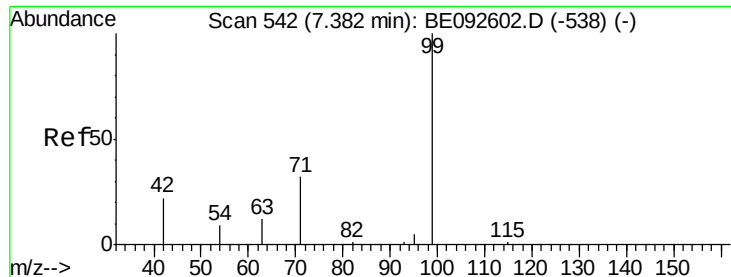


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.63 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

Instrument :

BNA_E

ClientSampleId :

PB95531BL

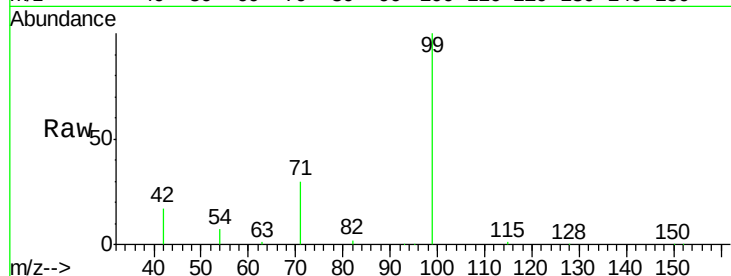
Tgt Ion: 99 Resp: 25307

Ion Ratio Lower Upper

99 100

42 24.3 16.0 24.0#

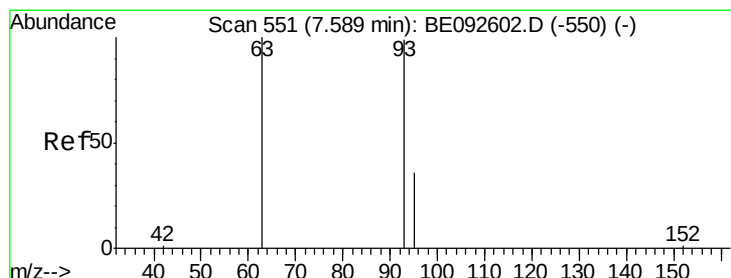
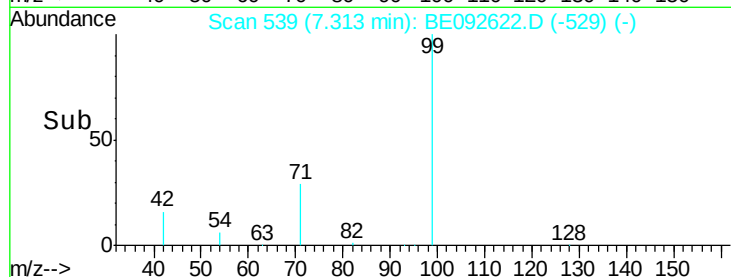
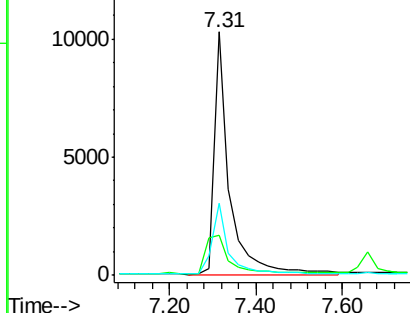
71 32.5 30.6 45.8



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: 7.54 min Scan# 549

Delta R.T. -0.05 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

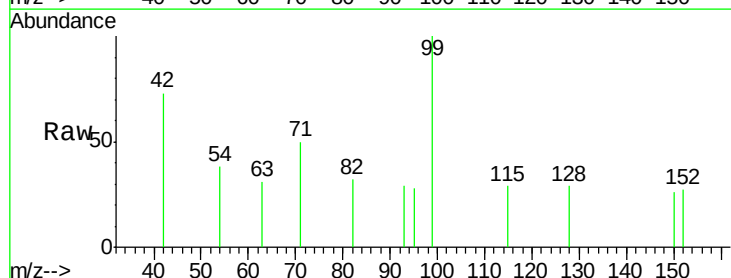
Tgt Ion: 93 Resp: 6

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

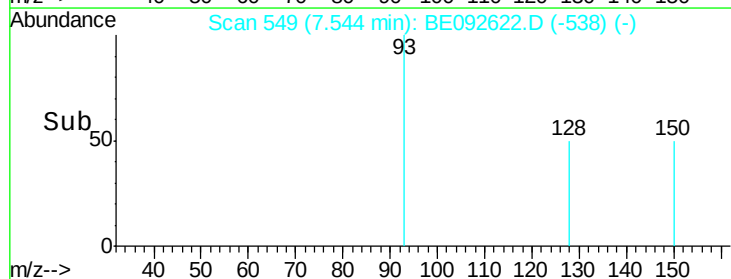
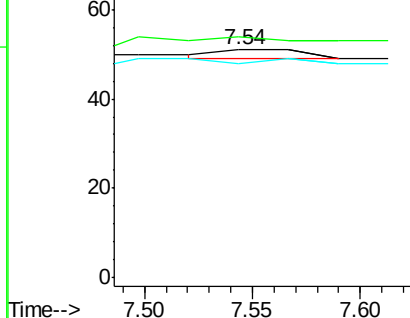
95 0.0 24.0 36.0#

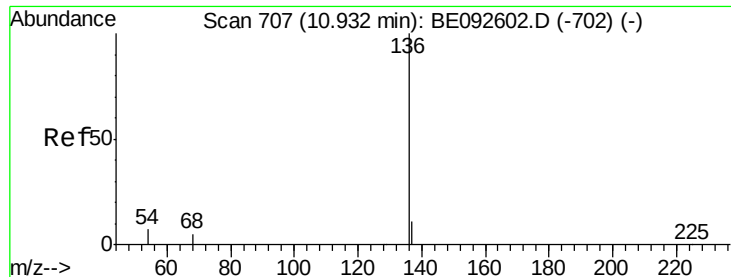


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092622.D

Acq: 27 Dec 2016 14:20

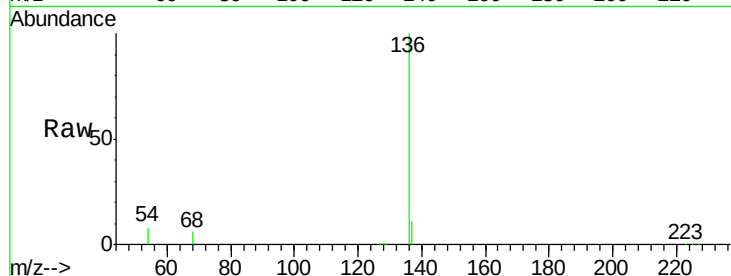
Instrument :

BNA_E

ClientSampleId :

PB95531BL

Tgt Ion:	136	Resp:	40387
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.2	12.4
54	8.4	9.6	14.4#
68	5.9	6.7	10.1#

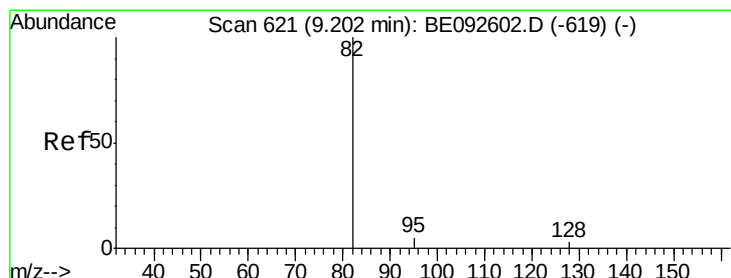
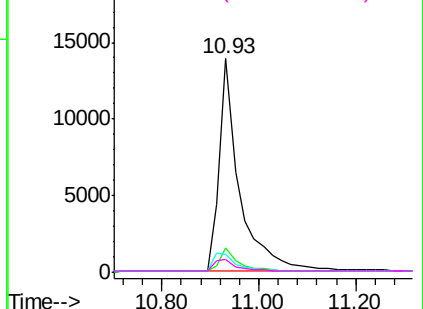
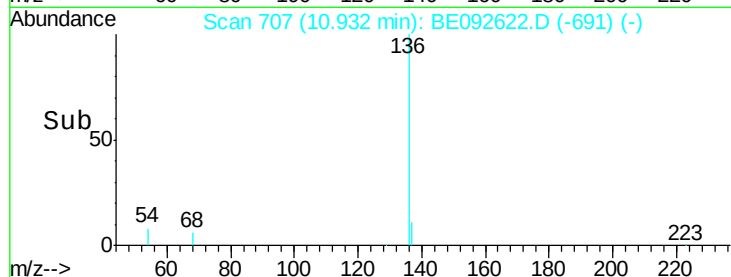


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.93 ng

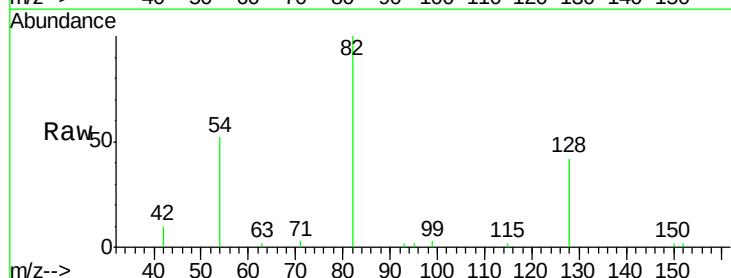
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

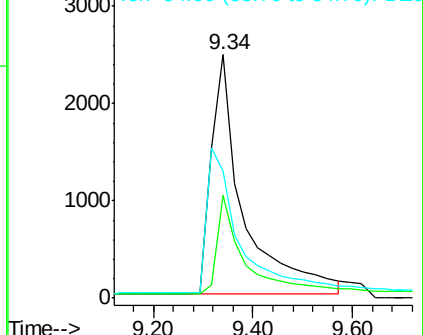
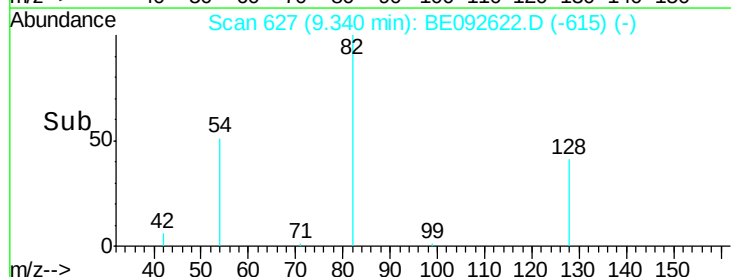
Tgt Ion:	82	Resp:	10880
Ion Ratio	Lower	Upper	
82	100		
128	42.5	39.0	58.4
54	52.1	44.8	67.2

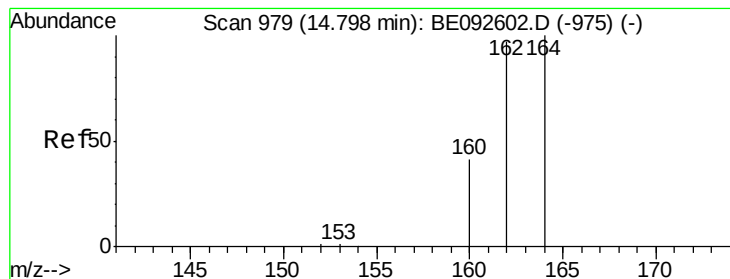


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

Instrument :

BNA_E

ClientSampleId :

PB95531BL

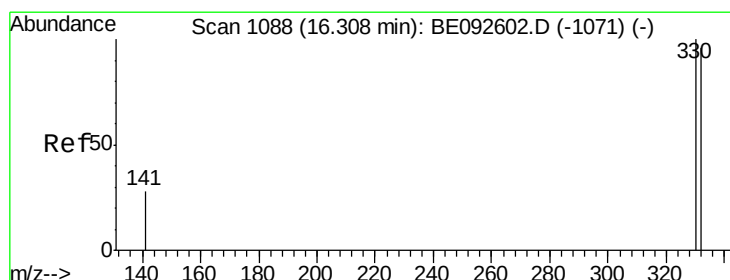
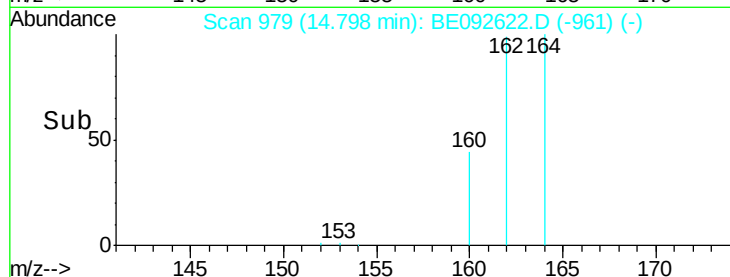
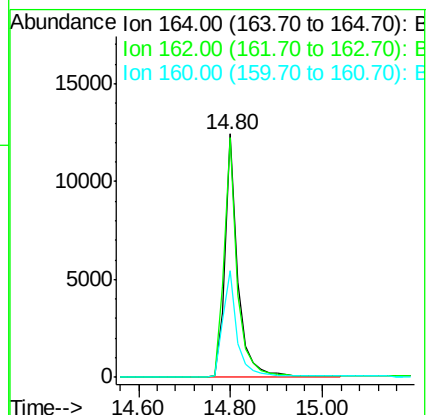
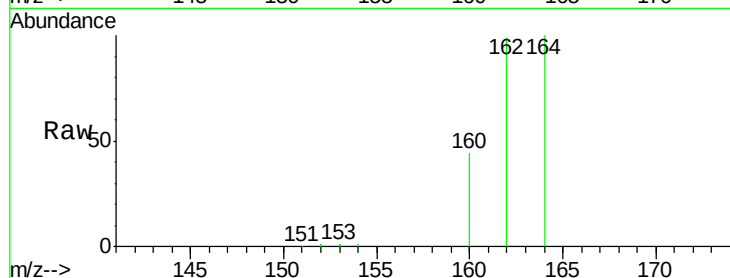
Tgt Ion:164 Resp: 24342

Ion Ratio Lower Upper

164 100

162 98.7 71.4 107.0

160 43.9 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 6.20 ng

RT: 16.30 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

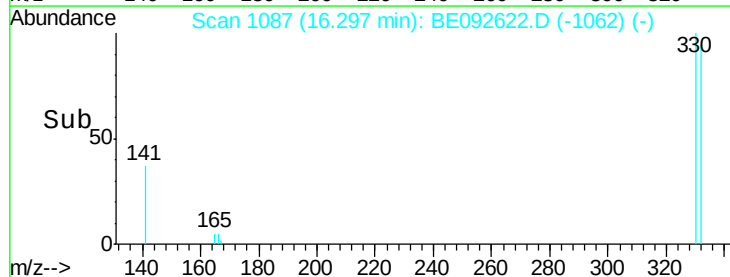
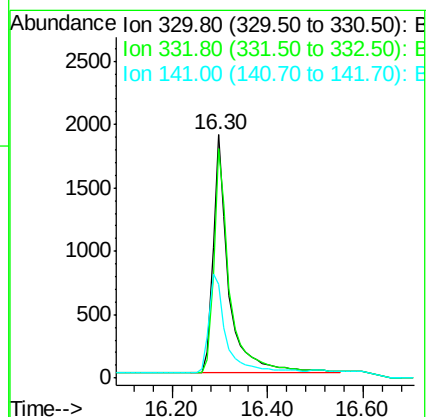
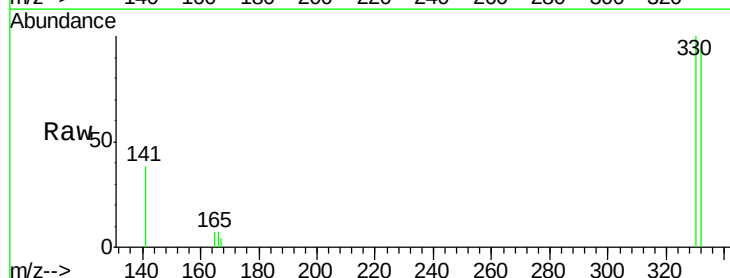
Tgt Ion:330 Resp: 4332

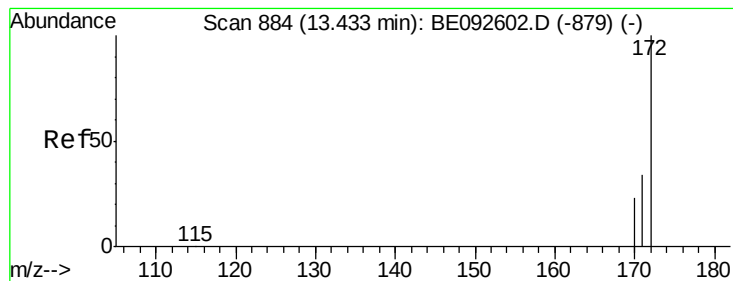
Ion Ratio Lower Upper

330 100

332 96.5 75.4 113.0

141 44.8 31.0 46.6





#14

2-Fluorobiphenyl

Concen: 4.46 ng

RT: 13.42 min Scan# 883

Delta R.T. -0.01 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

Instrument :

BNA_E

ClientSampleId :

PB95531BL

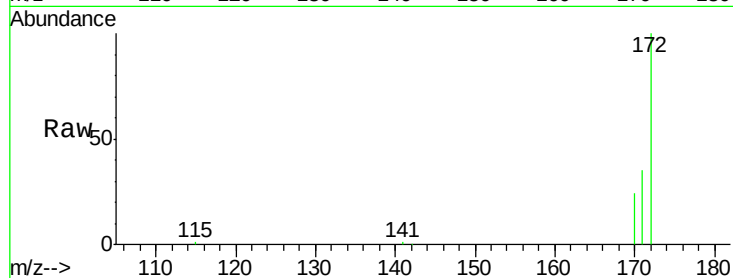
Tgt Ion:172 Resp: 25978

Ion Ratio Lower Upper

172 100

171 34.5 30.1 45.1

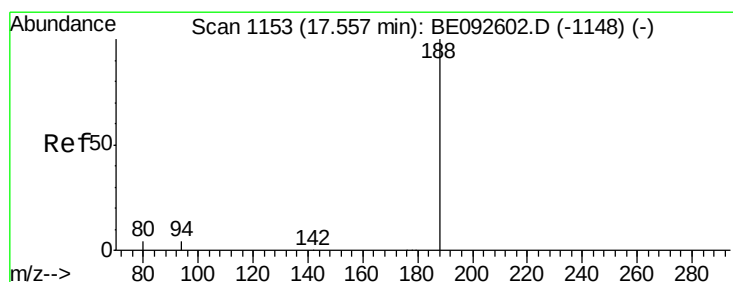
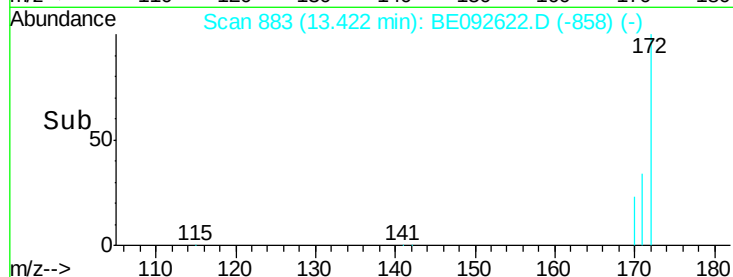
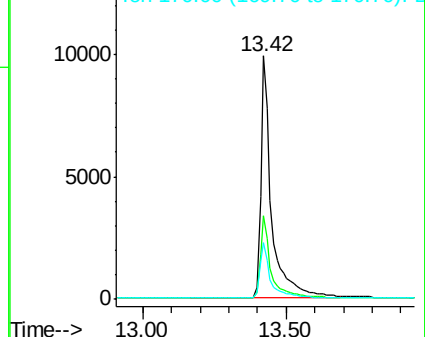
170 23.5 21.8 32.6



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: BE092622.D

Acq: 27 Dec 2016 14:20

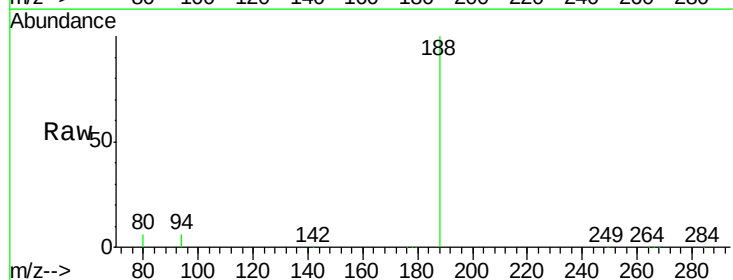
Tgt Ion:188 Resp: 49849

Ion Ratio Lower Upper

188 100

94 5.9 3.2 4.8#

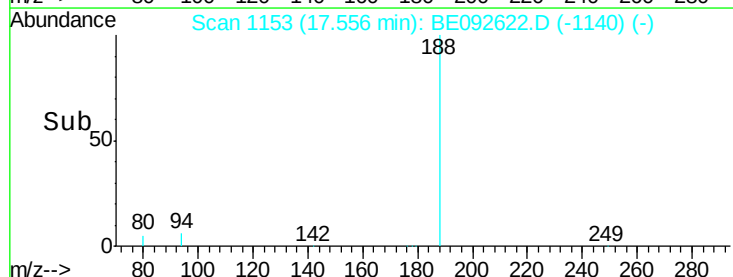
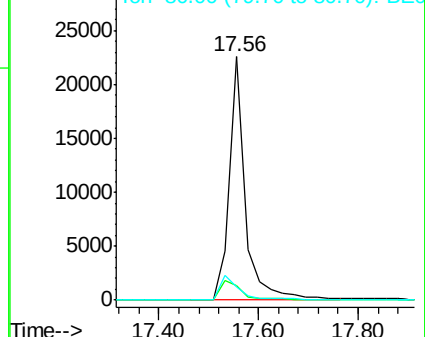
80 5.6 2.6 3.8#

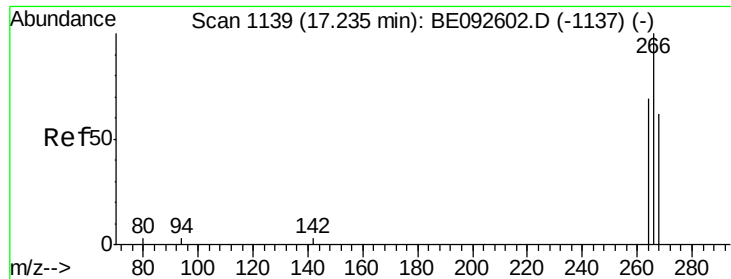


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

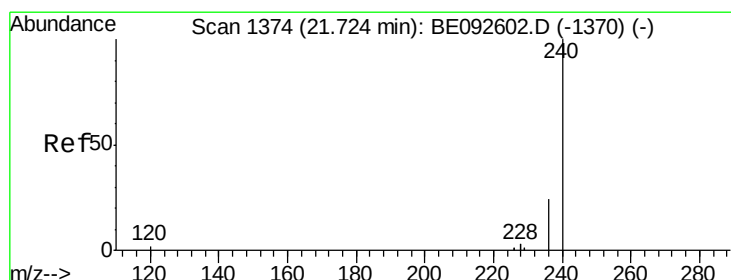
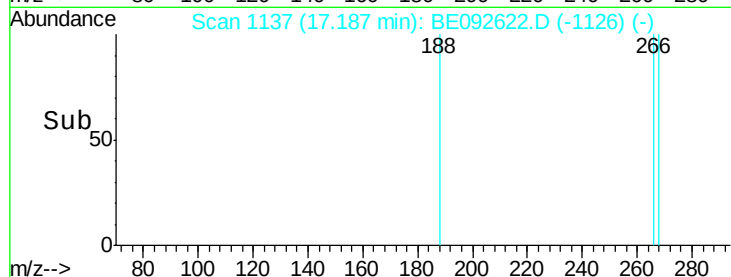
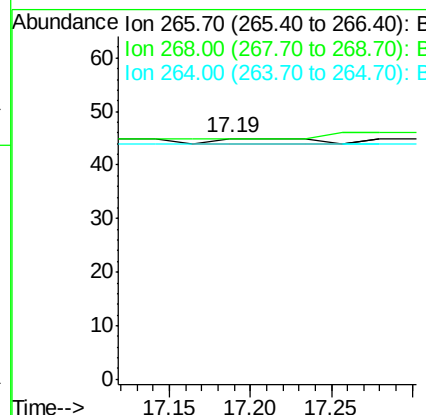
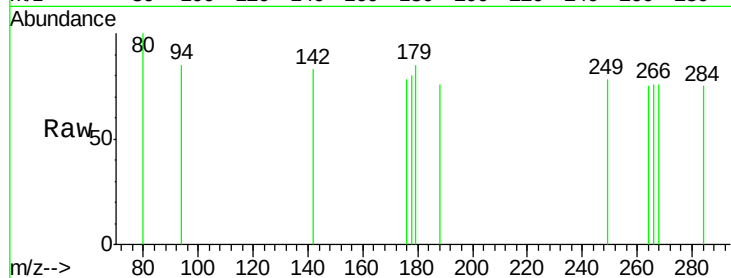




#20
 Pentachlorophenol
 Concen: Below Cal
 RT: 17.19 min Scan# 1137
 Delta R.T. -0.05 min
 Lab File: BE092622.D
 Acq: 27 Dec 2016 14:20

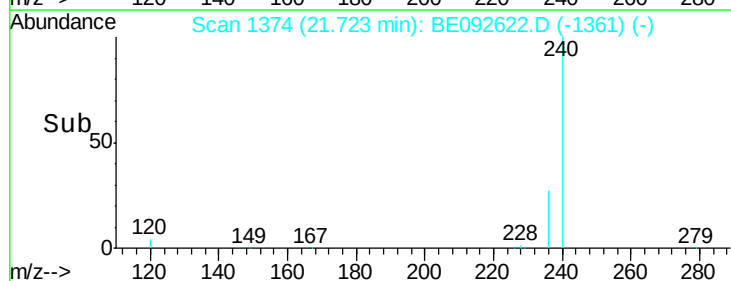
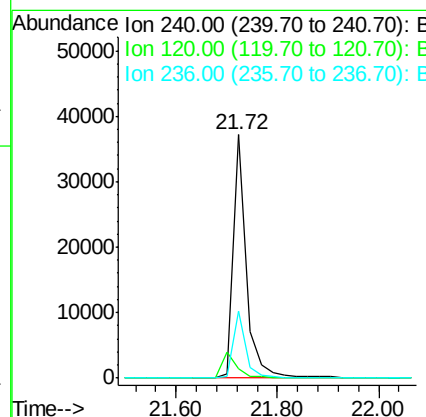
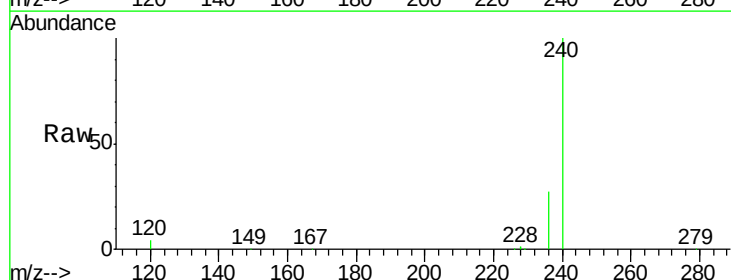
Instrument :
 BNA_E
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 PB95531BL

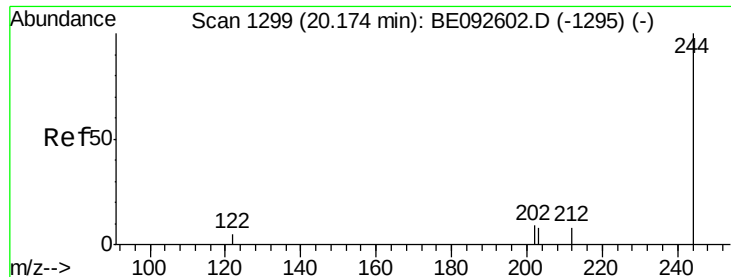
Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 268 100.0 62.5 93.7#
 264 97.8 57.2 85.8#



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.72 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BE092622.D
 Acq: 27 Dec 2016 14:20

Tgt Ion:240 Resp: 66484
 Ion Ratio Lower Upper
 240 100
 120 3.7 2.6 4.0
 236 27.4 24.6 37.0





#26

Terphenyl-d14

Concen: 4.33 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

Instrument :

BNA_E

ClientSampleId :

PB95531BL

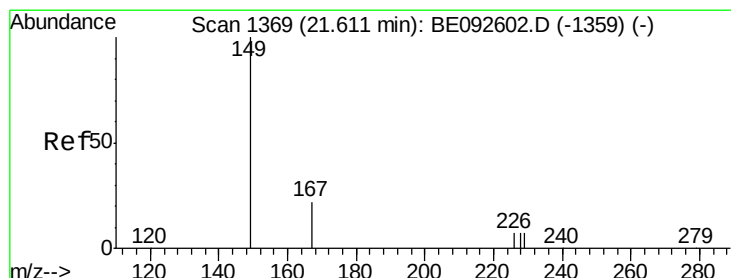
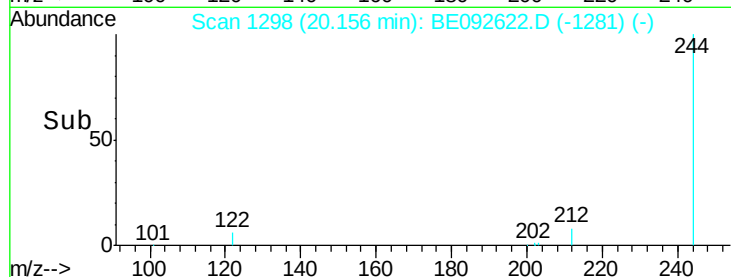
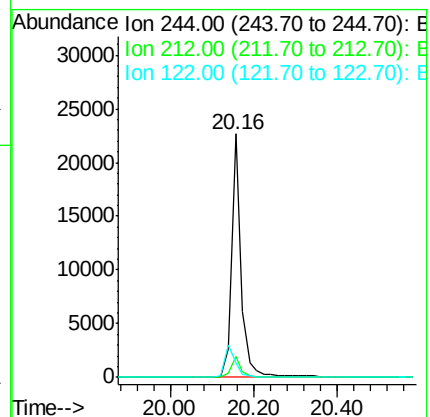
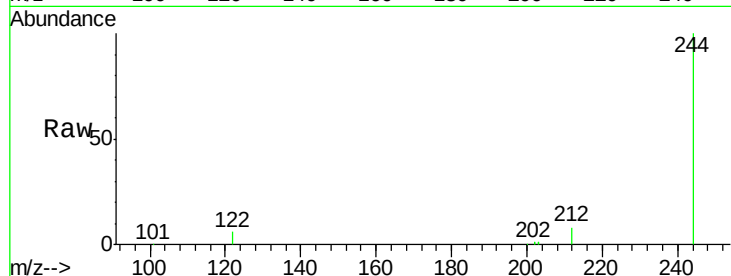
Tgt Ion: 244 Resp: 35294

Ion Ratio Lower Upper

244 100

212 8.4 6.7 10.1

122 5.8 3.6 5.4#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.07 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

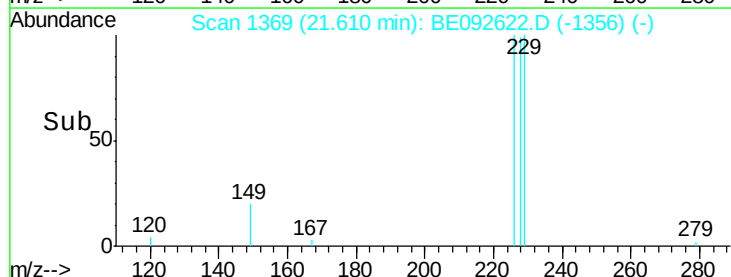
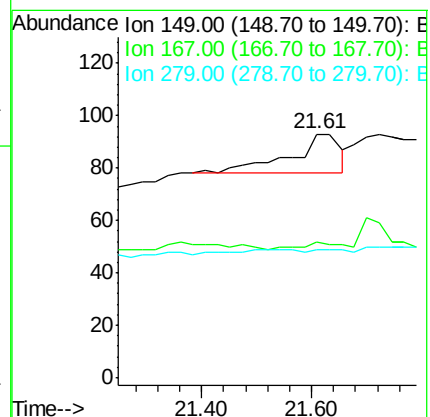
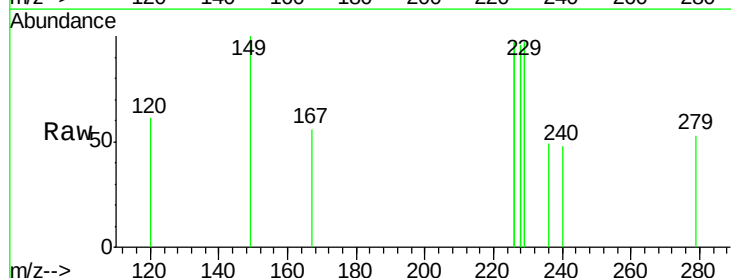
Tgt Ion: 149 Resp: 96

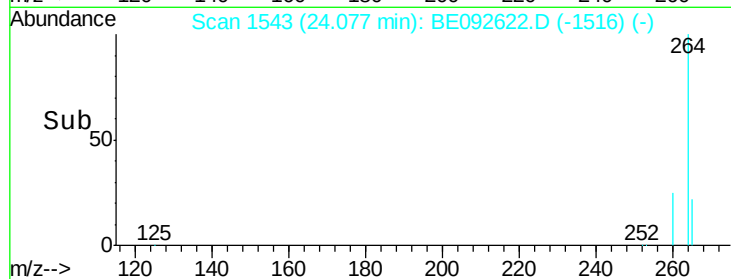
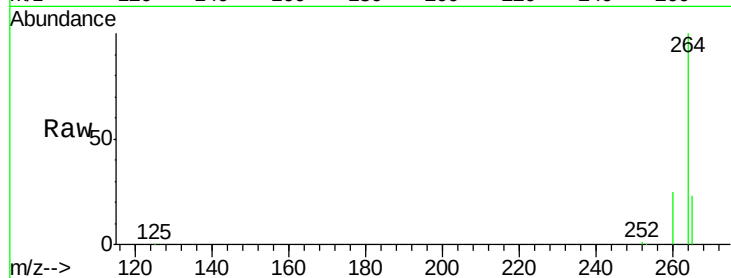
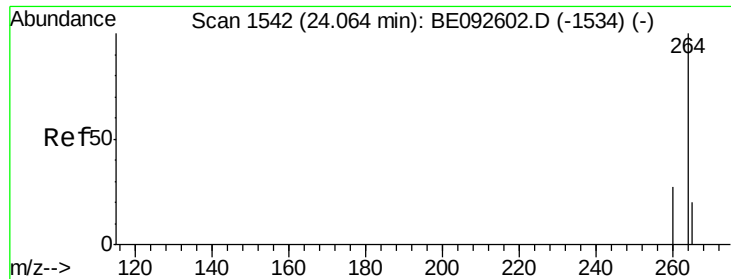
Ion Ratio Lower Upper

149 100

167 11.5 16.0 24.0#

279 4.2 16.0 24.0#





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BE092622.D

Acq: 27 Dec 2016 14:20

Instrument :

BNA_E

ClientSampleId :

PB95531BL

Tgt Ion: 264 Resp: 63491

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.6 17.9 26.9

