

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011117\
 Data File : BE092645.D
 Acq On : 11 Jan 2017 18:09
 Operator : UM/SJ
 Sample : I1100-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Jan 12 00:12:15 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

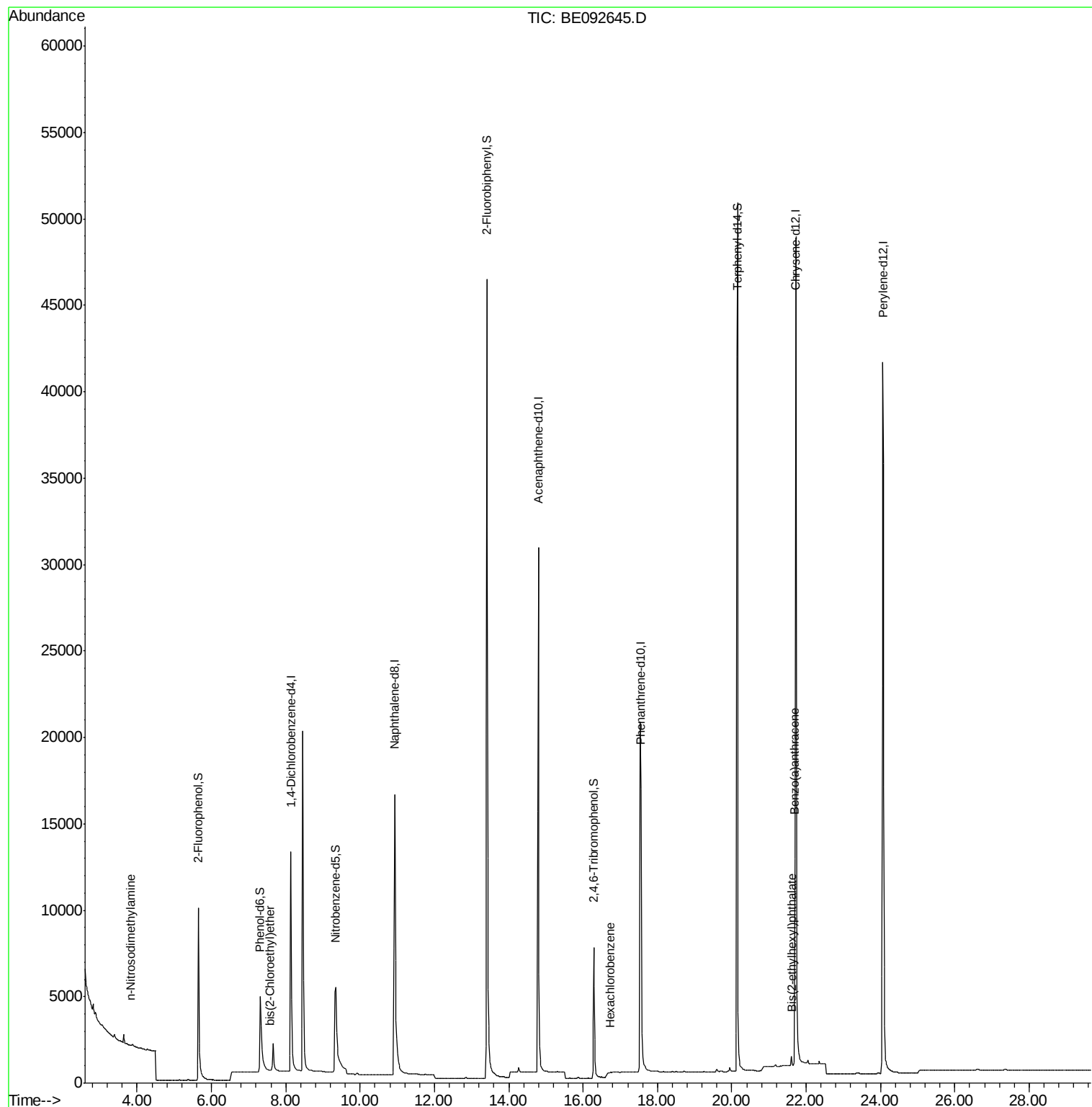
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8237	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	35266	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	22694	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	45565	5.00	ng	0.00
24) Chrysene-d12	21.72	240	64744	5.00	ng	0.00
31) Perylene-d12	24.06	264	65290	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	10450	6.58	ng	-0.04
5) Phenol-d6	7.31	99	8809	3.74	ng	-0.07
8) Nitrobenzene-d5	9.34	82	11627	4.77	ng	-0.02
13) 2,4,6-Tribromophenol	16.28	330	6023	9.16	ng	-0.02
14) 2-Fluorobiphenyl	13.41	172	57766	10.64	ng	-0.02
26) Terphenyl-d14	20.16	244	82821	10.43	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.39	88	144	Below Cal	#	1
3) n-Nitrosodimethylamine	3.83	42	36	0.22 ng	#	2
6) bis(2-Chloroethyl)ether	7.57	93	1	0.11 ng	#	15
19) Hexachlorobenzene	16.73	284	468	0.24 ng	#	39
27) Benzo(a)anthracene	21.70	228	1220	0.02 ng	#	59
29) Bis(2-ethylhexyl)phthalate	21.61	149	792	0.20 ng	#	78

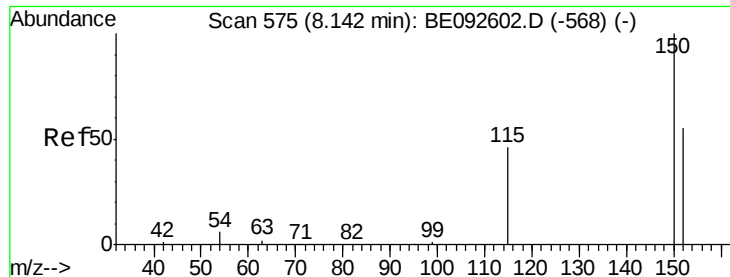
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE092645.D

Acq: 11 Jan 2017 18:09

Instrument :

BNA_E

ClientSampleId :

DFTPP

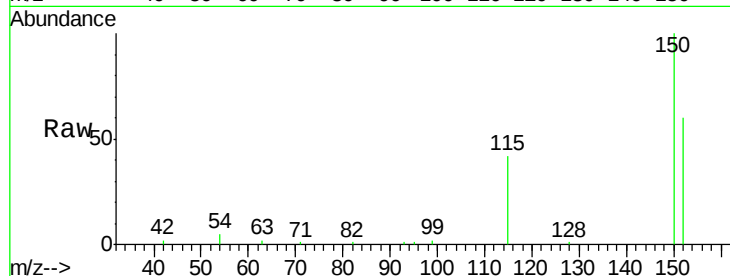
Tgt Ion:152 Resp: 8237

Ion Ratio Lower Upper

152 100

150 167.1 106.0 159.0#

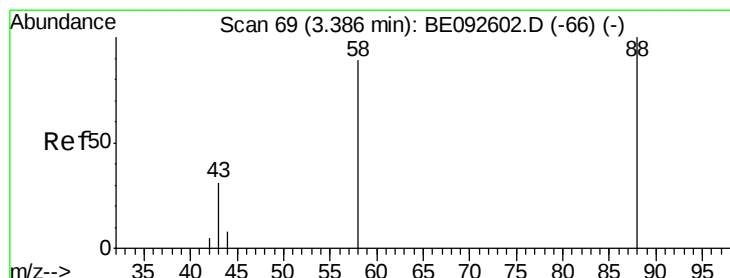
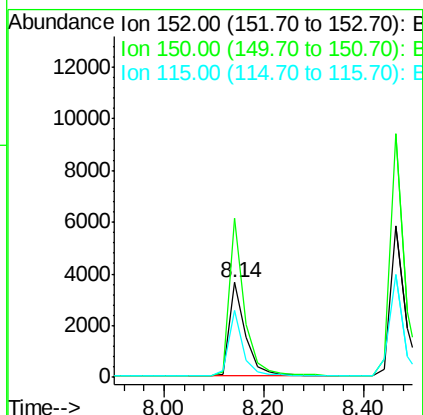
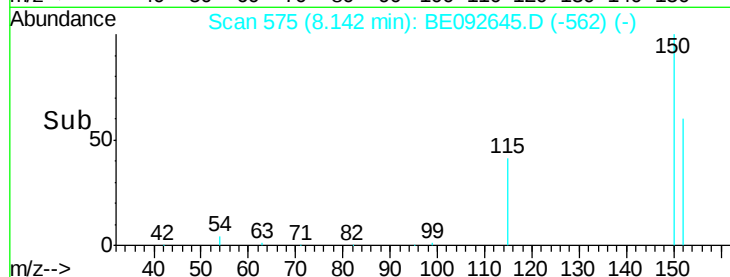
115 70.1 31.2 46.8#



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: 3.39 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

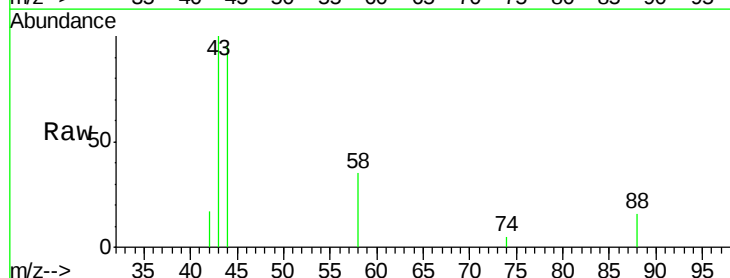
Tgt Ion: 88 Resp: 144

Ion Ratio Lower Upper

88 100

58 220.8 63.6 95.4#

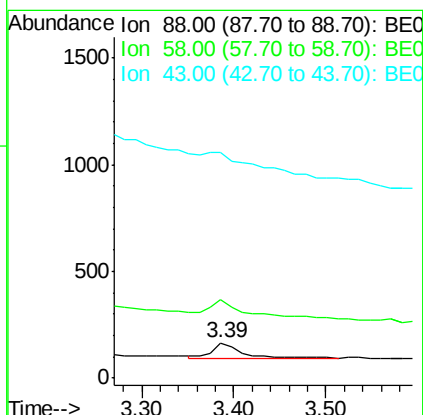
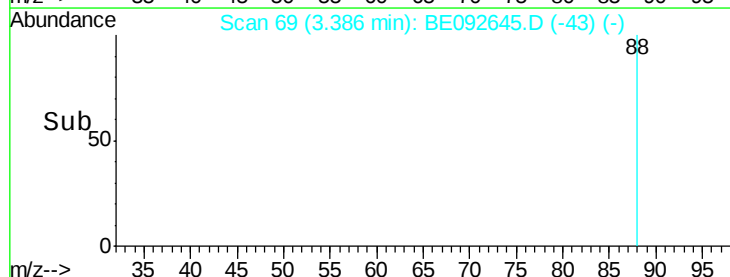
43 0.0 28.0 42.0#

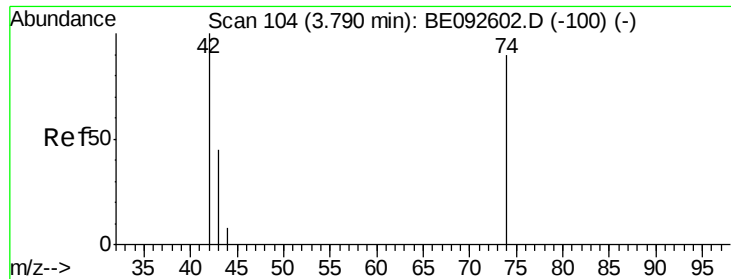


Abundance Ion 88.00 (87.70 to 88.70): BE0

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: BE092645.D

Acq: 11 Jan 2017 18:09

Instrument :

BNA_E

ClientSampleId :

DFTPP

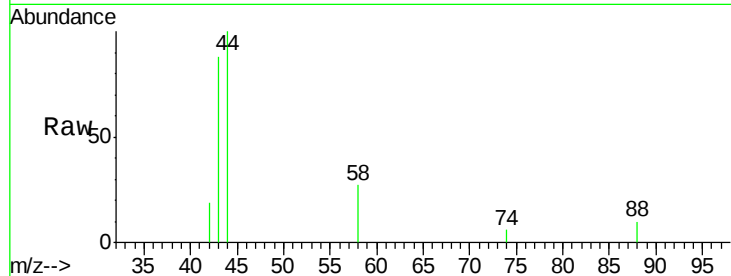
Tgt Ion: 42 Resp: 36

Ion Ratio Lower Upper

42 100

74 0.0 86.0 129.0#

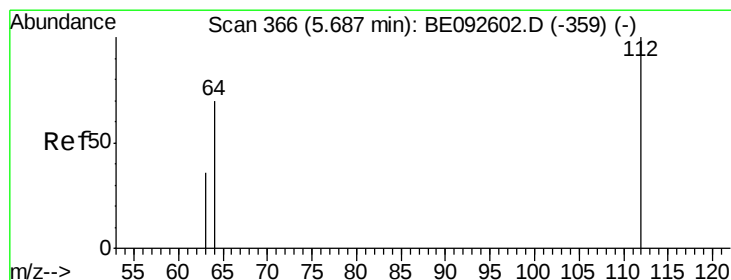
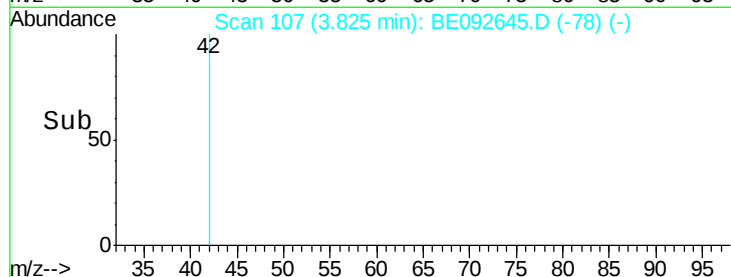
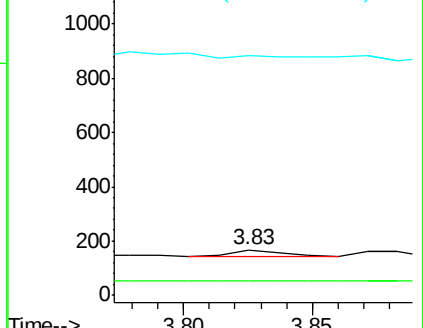
44 0.0 5.1 7.7#



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: 6.58 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.04 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

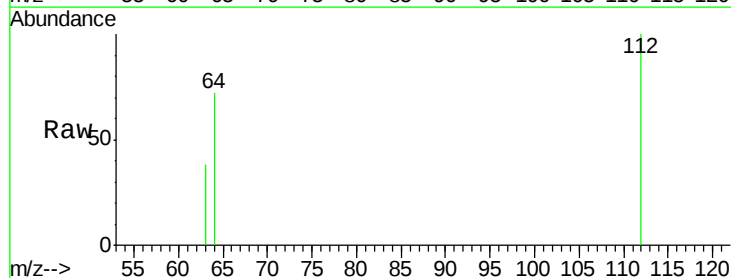
Tgt Ion: 112 Resp: 10450

Ion Ratio Lower Upper

112 100

64 68.1 53.5 80.3

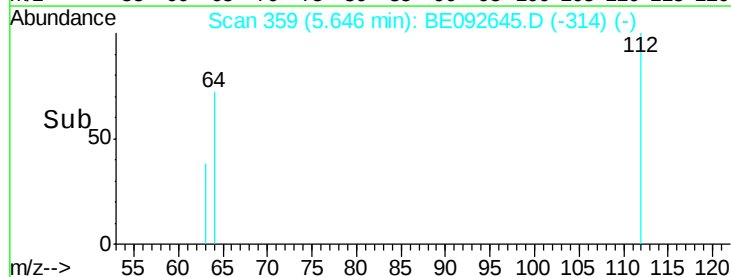
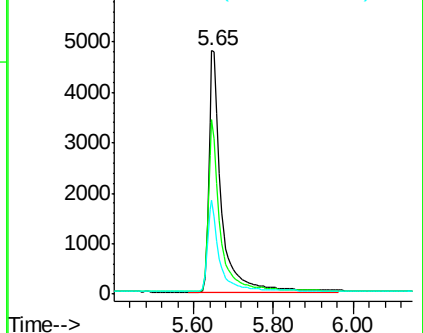
63 36.7 27.9 41.9

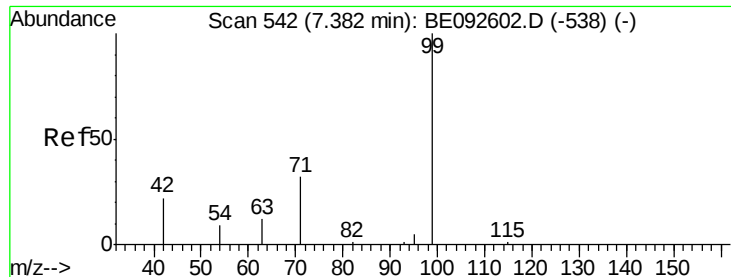


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.74 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

Instrument :

BNA_E

ClientSampleId :

DFTPP

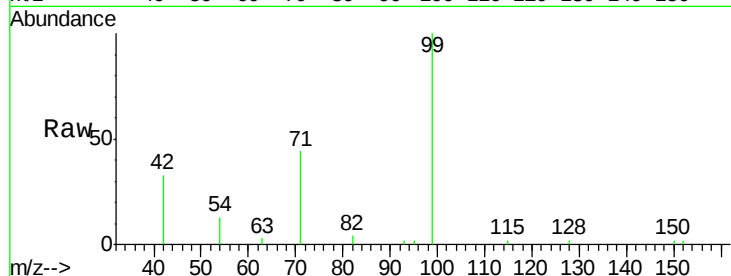
Tgt Ion: 99 Resp: 8809

Ion Ratio Lower Upper

99 100

42 24.6 16.0 24.0#

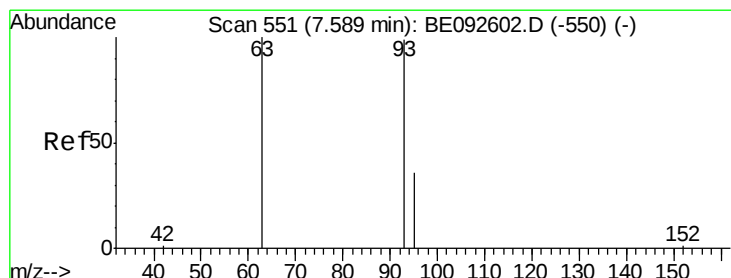
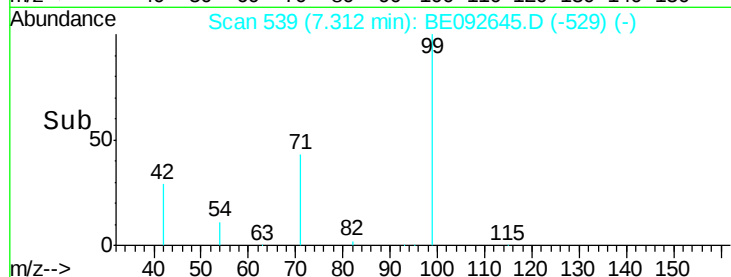
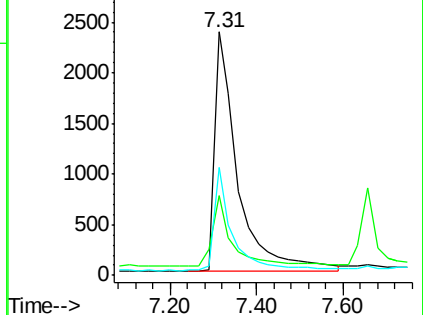
71 34.6 30.6 45.8



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: 7.57 min Scan# 550

Delta R.T. -0.02 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

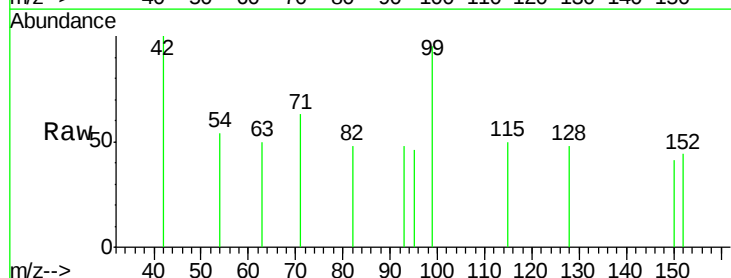
Tgt Ion: 93 Resp: 1

Ion Ratio Lower Upper

93 100

63 0.0 71.6 107.4#

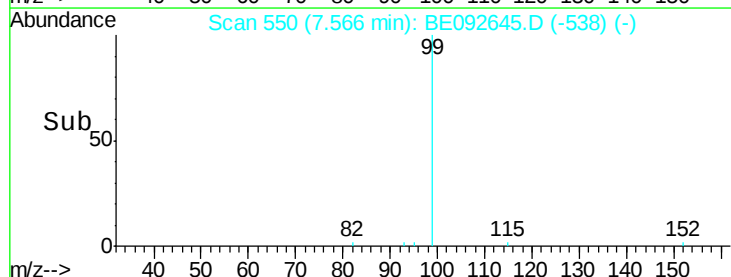
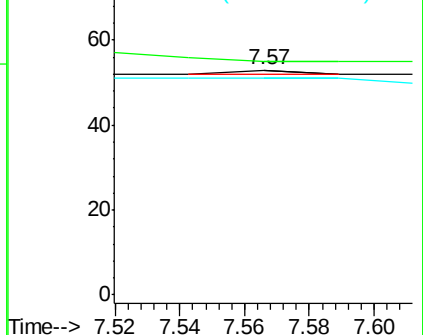
95 0.0 24.0 36.0#

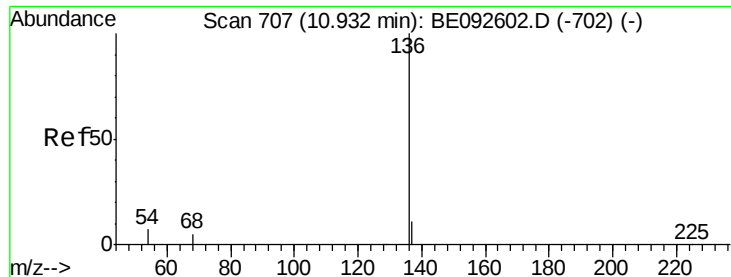


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE092645.D

Acq: 11 Jan 2017 18:09

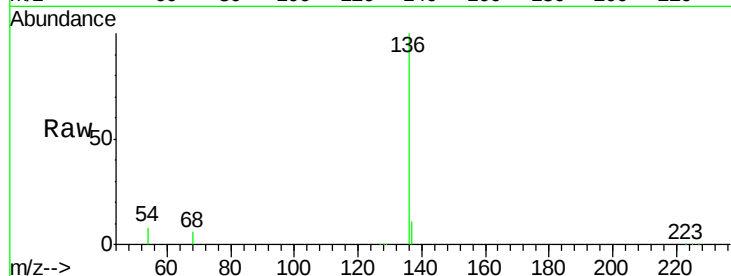
Instrument :

BNA_E

ClientSampleId :

DFTPP

Tgt Ion:	136	Resp:	35266
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	7.8	9.6	14.4#
68	5.6	6.7	10.1#

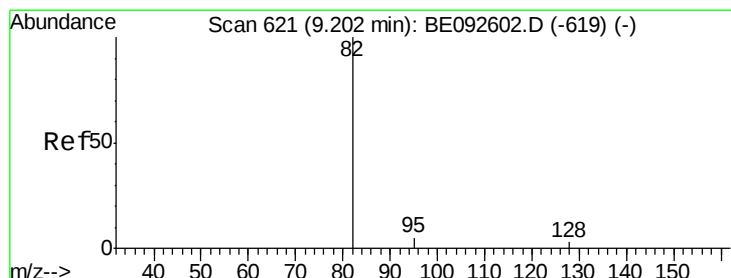
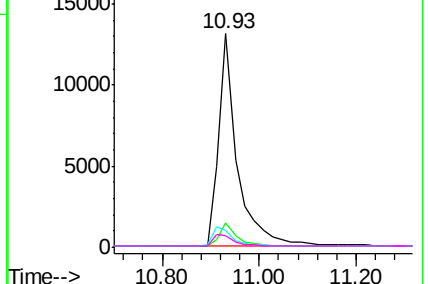
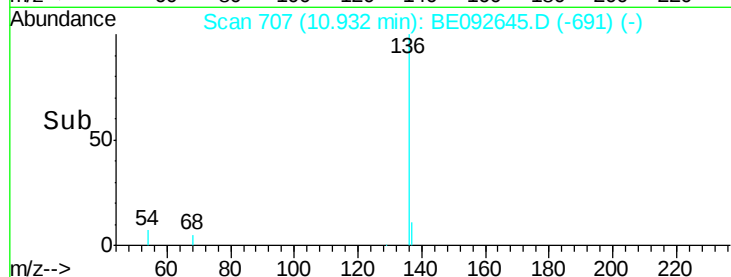


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.77 ng

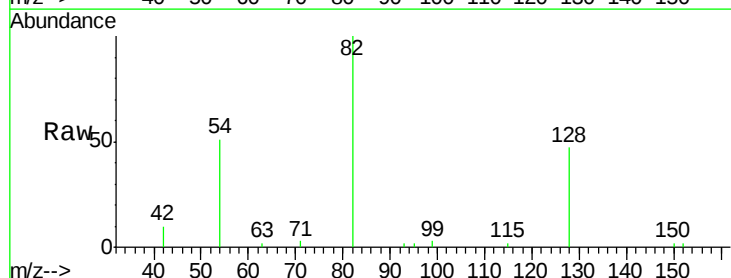
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

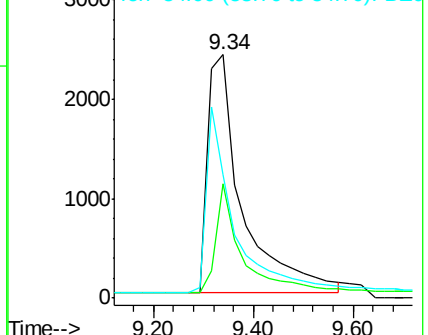
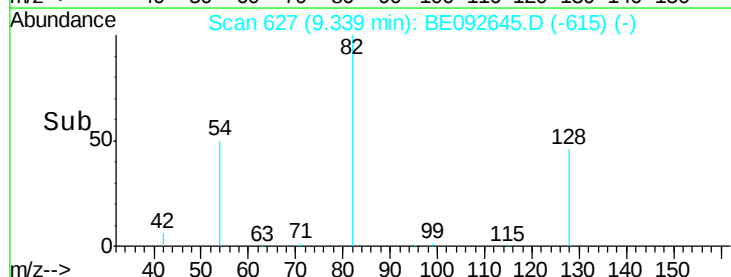
Tgt Ion:	82	Resp:	11627
Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.0	58.4
54	50.8	44.8	67.2

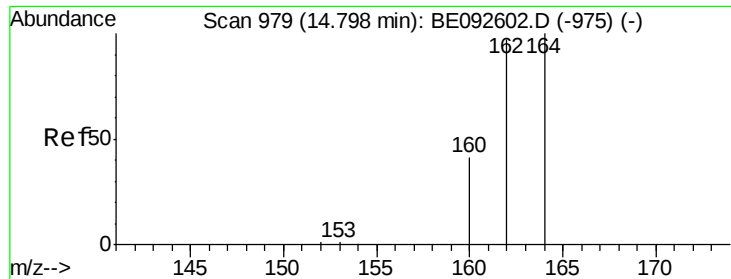


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: BE092645.D

Acq: 11 Jan 2017 18:09

Instrument :

BNA_E

ClientSampleId :

DFTPP

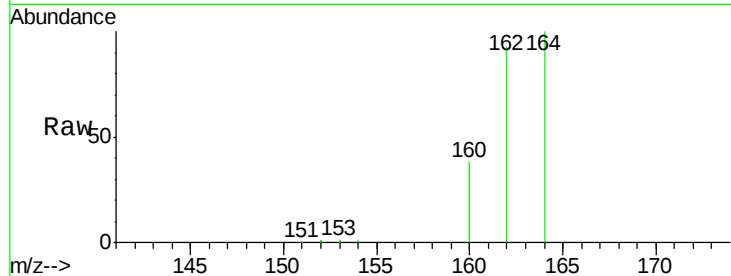
Tgt Ion:164 Resp: 22694

Ion Ratio Lower Upper

164 100

162 93.1 71.4 107.0

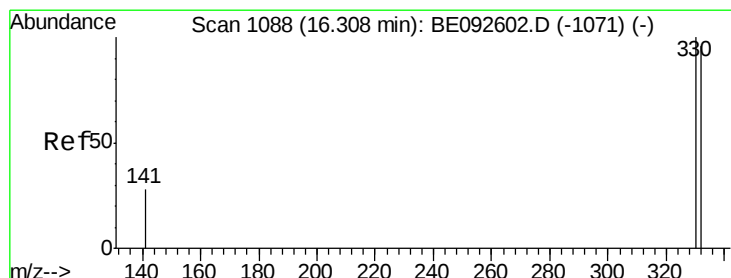
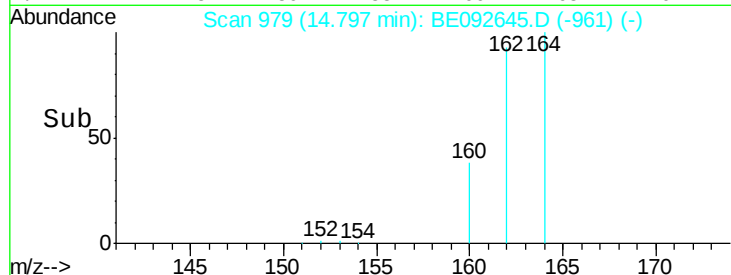
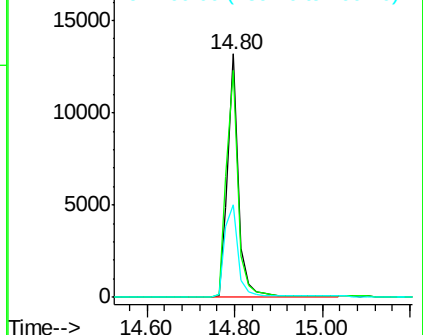
160 37.9 27.4 41.2



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: 9.16 ng

RT: 16.28 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

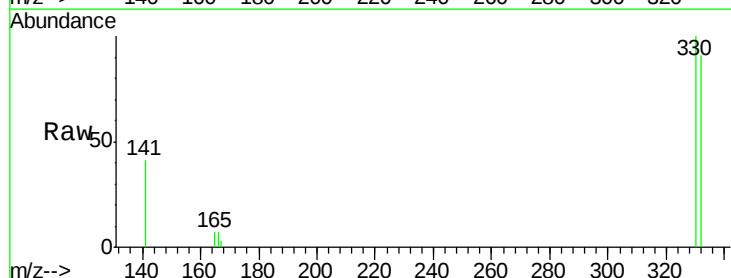
Tgt Ion:330 Resp: 6023

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.0

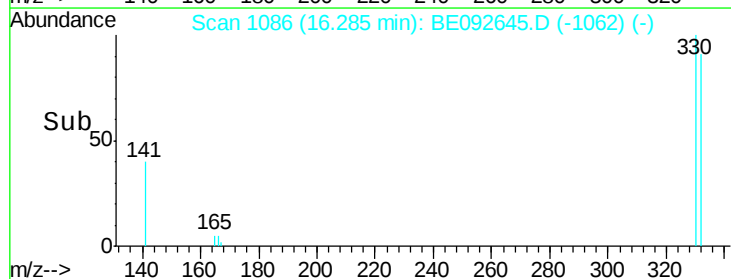
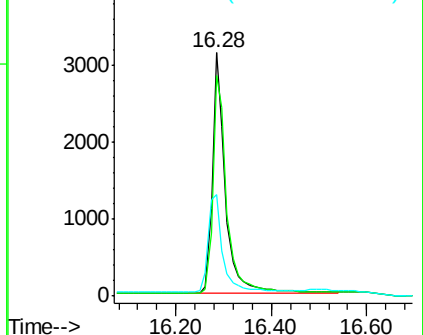
141 45.5 31.0 46.6

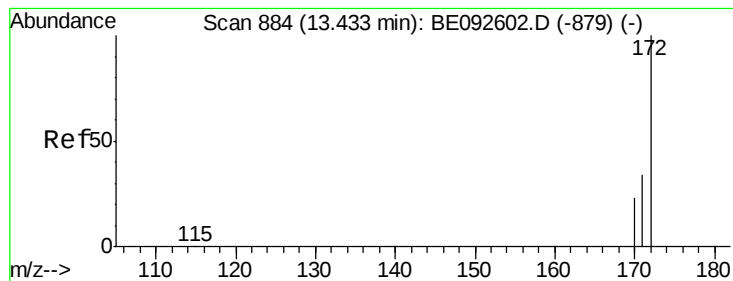


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 10.64 ng

RT: 13.41 min Scan# 882

Delta R.T. -0.02 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

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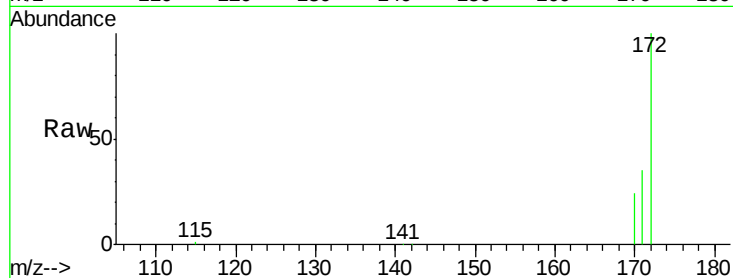
Tgt Ion:172 Resp: 57766

Ion Ratio Lower Upper

172 100

171 34.8 30.1 45.1

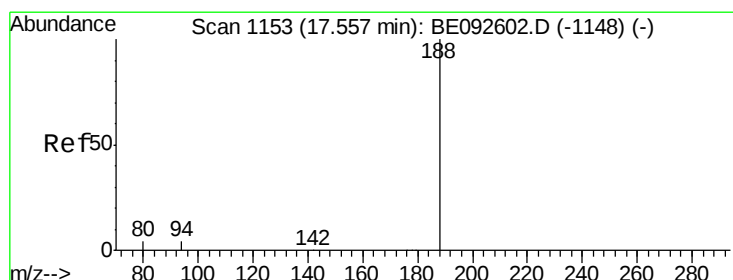
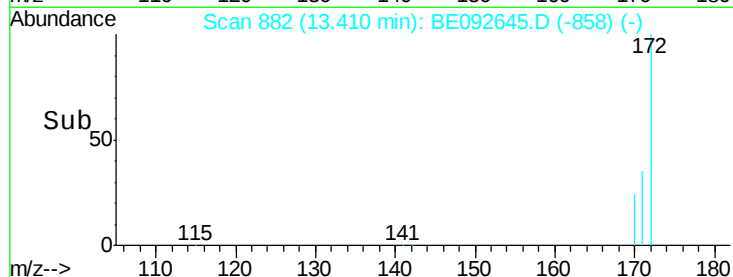
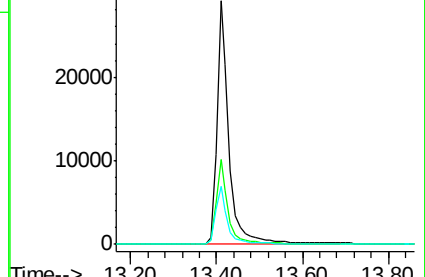
170 23.8 21.8 32.6



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: BE092645.D

Acq: 11 Jan 2017 18:09

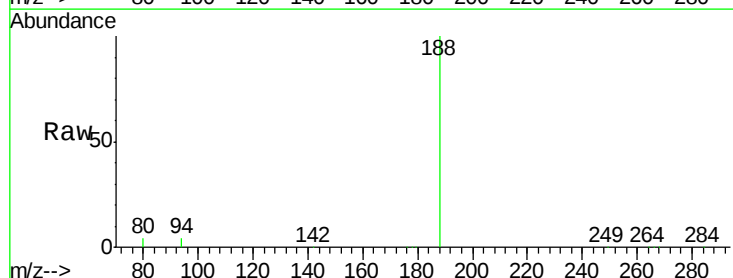
Tgt Ion:188 Resp: 45565

Ion Ratio Lower Upper

188 100

94 4.4 3.2 4.8

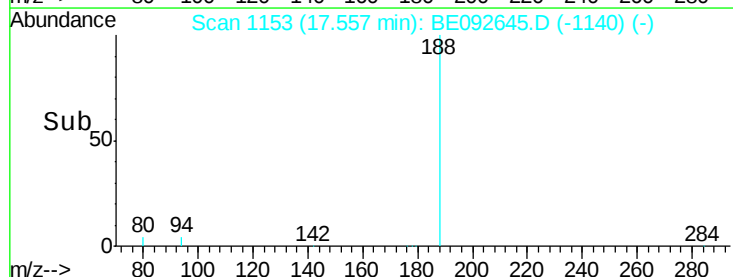
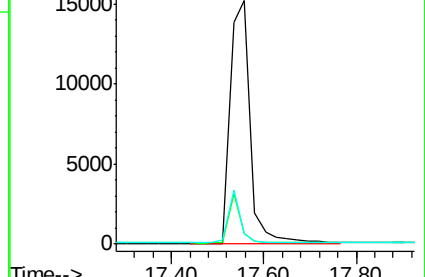
80 4.1 2.6 3.8#

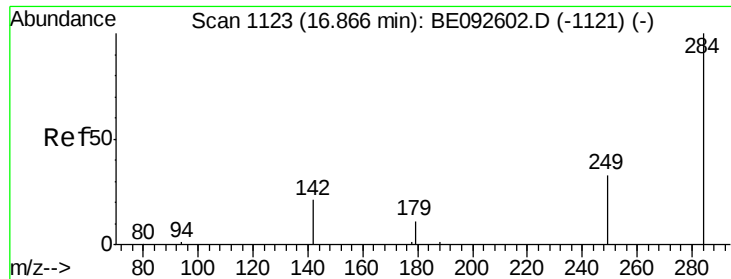


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

Hexachlorobenzene

Concen: 0.24 ng

RT: 16.73 min Scan# 1117

Delta R.T. -0.14 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

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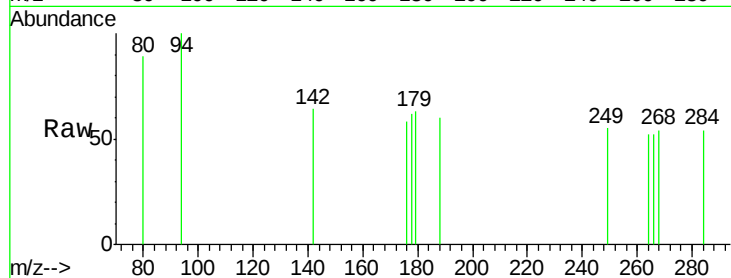
Tgt Ion: 284 Resp: 468

Ion Ratio Lower Upper

284 100

142 0.0 29.1 43.7#

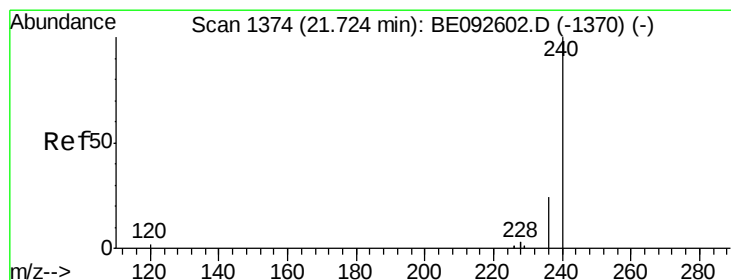
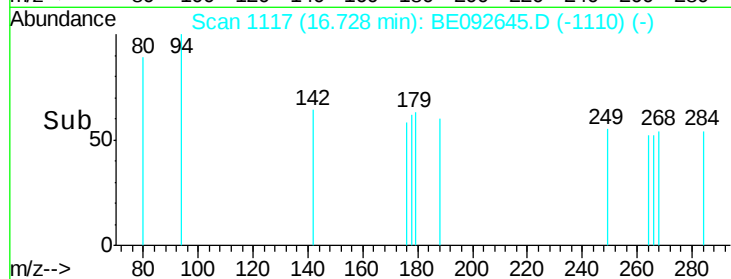
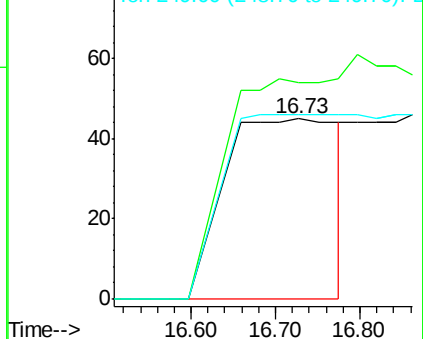
249 0.0 27.9 41.9#



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: BE092645.D

Acq: 11 Jan 2017 18:09

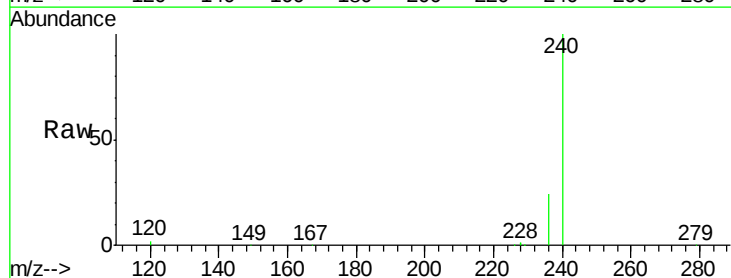
Tgt Ion: 240 Resp: 64744

Ion Ratio Lower Upper

240 100

120 1.6 2.6 4.0#

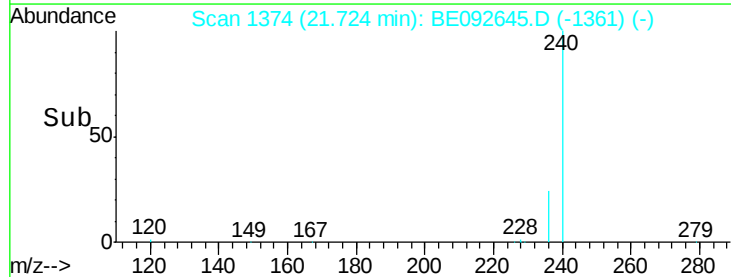
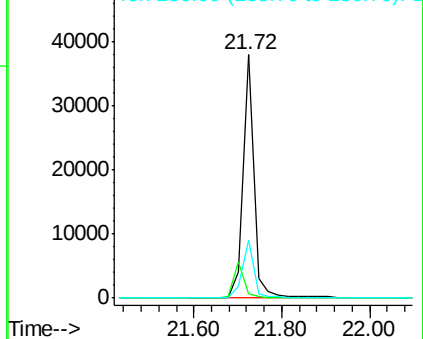
236 23.9 24.6 37.0#

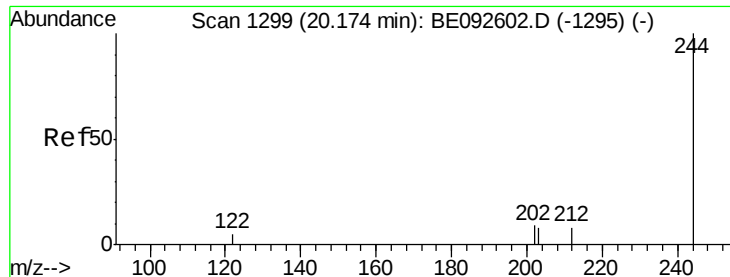


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

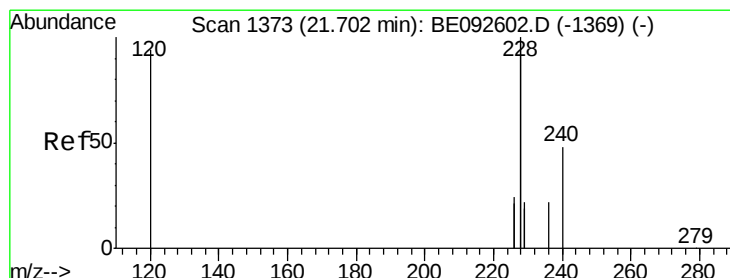
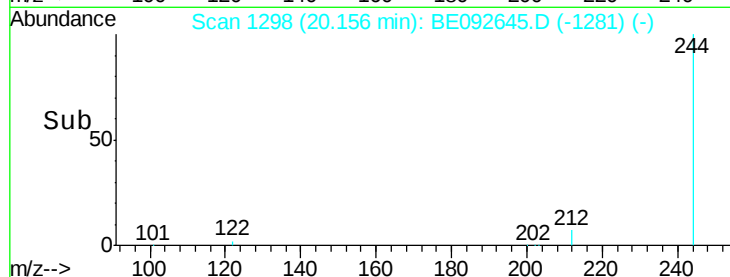
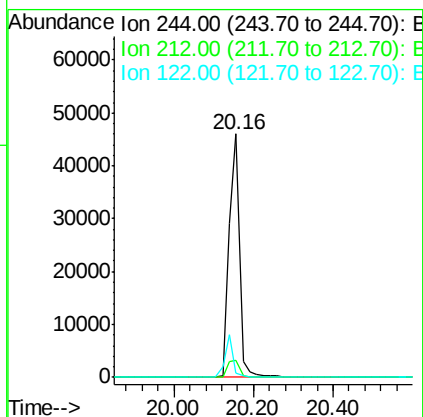
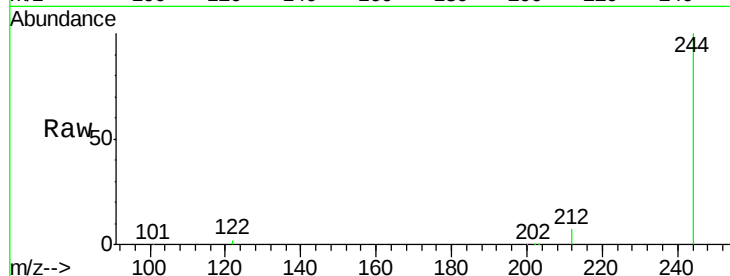




#26
 Terphenyl-d14
 Concen: 10.43 ng
 RT: 20.16 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BE092645.D
 Acq: 11 Jan 2017 18:09

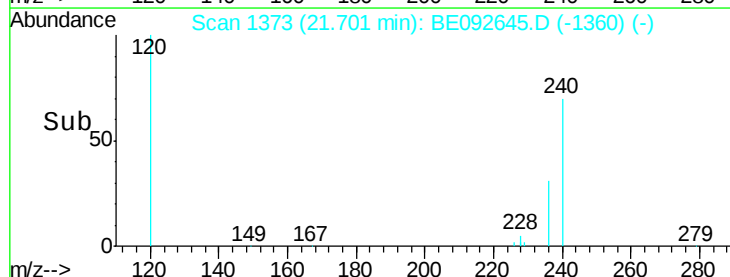
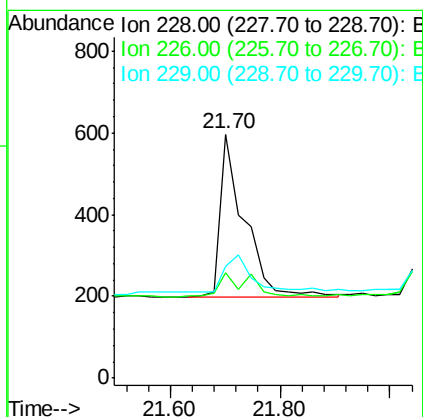
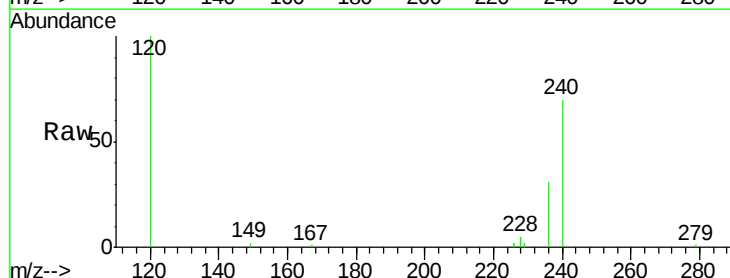
Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

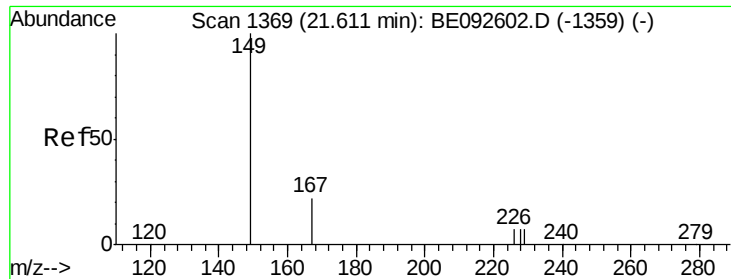
Tgt Ion: 244 Resp: 82821
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.7 10.1
 122 1.8 3.6 5.4#



#27
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.70 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BE092645.D
 Acq: 11 Jan 2017 18:09

Tgt Ion: 228 Resp: 1220
 Ion Ratio Lower Upper
 228 100
 226 43.3 23.6 35.4#
 229 45.6 13.3 19.9#





#29

Bis(2-ethylhexyl)phthalate

Concen: 0.20 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

Instrument :

BNA_E

ClientSampleId :

DFTPP

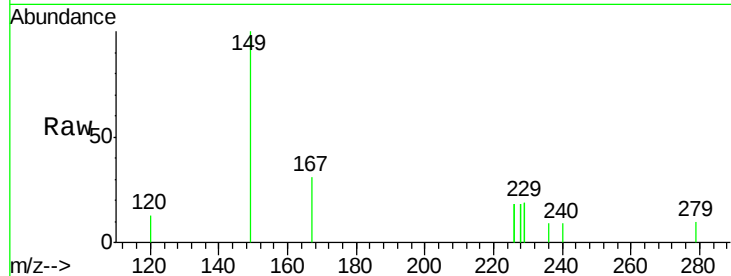
Tgt Ion:149 Resp: 792

Ion Ratio Lower Upper

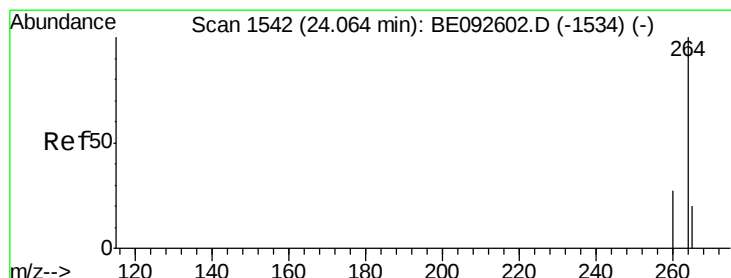
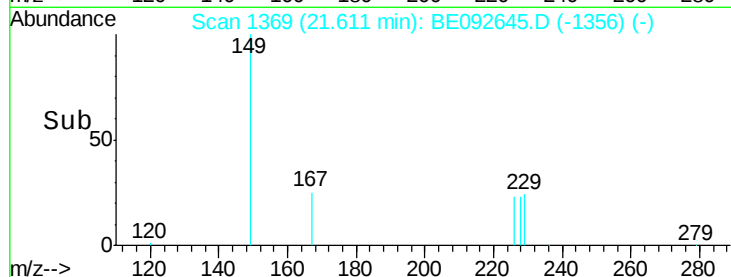
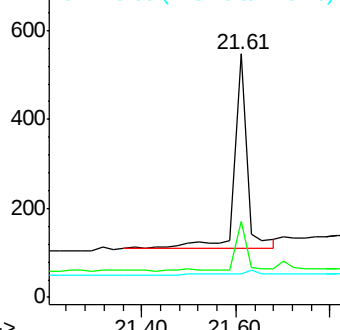
149 100

167 19.7 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: 24.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE092645.D

Acq: 11 Jan 2017 18:09

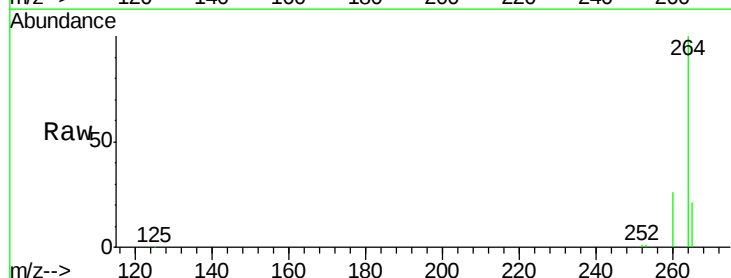
Tgt Ion:264 Resp: 65290

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 21.1 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

