

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031017\
 Data File : BE092812.D
 Acq On : 10 Mar 2017 17:58
 Operator : SJ/MA
 Sample : PB97503BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97503BL

Quant Time: Mar 10 21:55:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

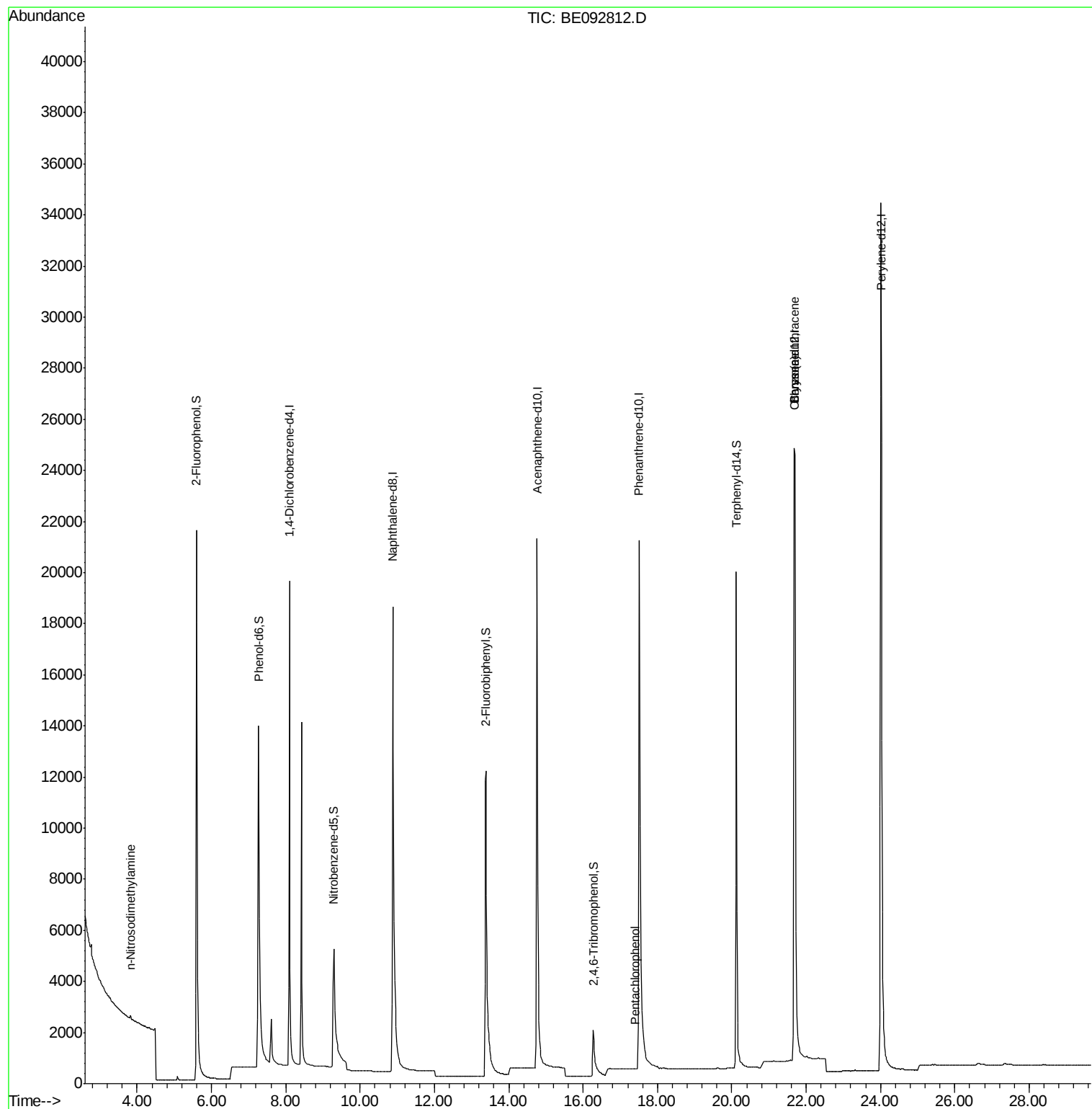
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	11777	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	45425	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	22331	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	48915	5.00	ng	0.00
24) Chrysene-d12	21.70	240	55777	5.00	ng	0.00
31) Perylene-d12	24.02	264	62255	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	21246	8.53	ng	-0.03
5) Phenol-d6	7.27	99	23762	8.01	ng	-0.05
8) Nitrobenzene-d5	9.29	82	10580	3.81	ng	-0.02
13) 2,4,6-Tribromophenol	16.27	330	3468	5.90	ng	-0.01
14) 2-Fluorobiphenyl	13.39	172	25445	4.83	ng	-0.01
26) Terphenyl-d14	20.12	244	31279	4.65	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.50	88	8	Below Cal	#	19
3) n-Nitrosodimethylamine	3.83	42	54	0.03 ng	#	3
20) Pentachlorophenol	17.40	266	1	0.08 ng	#	72
27) Benzo(a)anthracene	21.68	228	1008	0.08 ng	#	63
28) Chrysene	21.68	228	1027	0.02 ng	#	74
29) Bis(2-ethylhexyl)phthalate	21.59	149	149	Below Cal	#	67

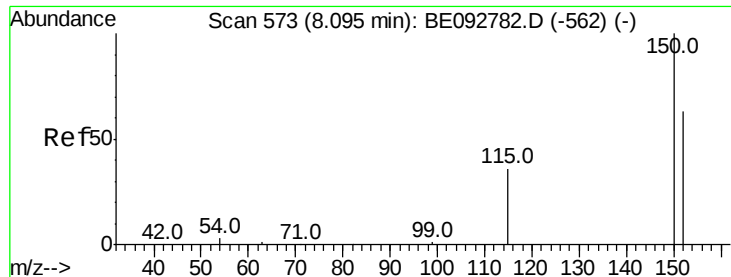
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.10 min Scan# 573

Delta R.T. -0.02 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Instrument :

BNA_E

ClientSampleId :

PB97503BL

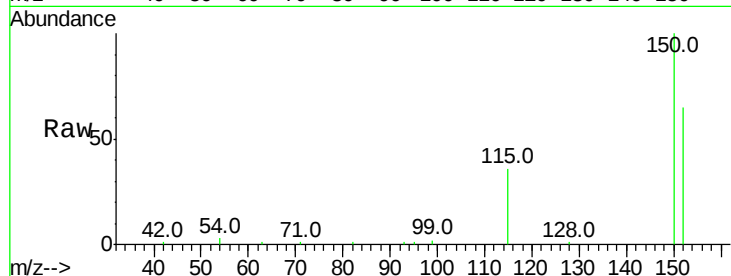
Tot Ion:152 Resp: 11777

Ion Ratio Lower Upper

152 100

150 153.2 106.0 159.0

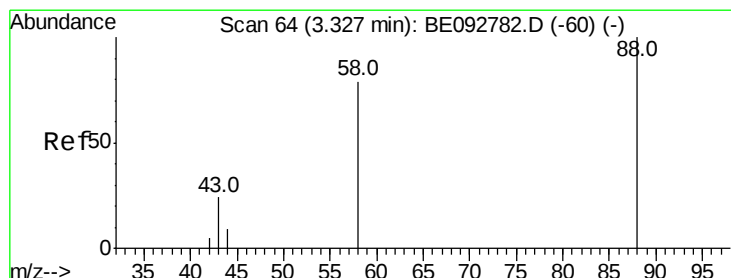
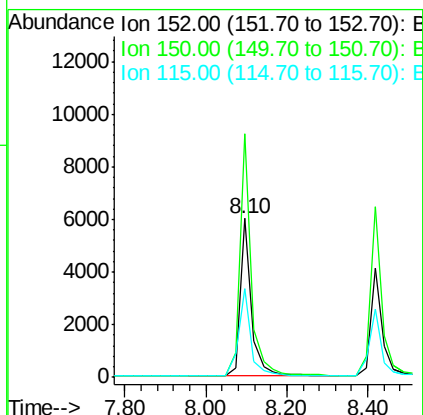
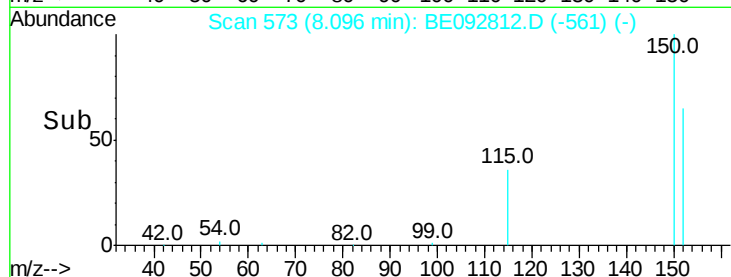
115 55.9 31.2 46.8#



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: 3.50 min Scan# 79

Delta R.T. 0.16 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

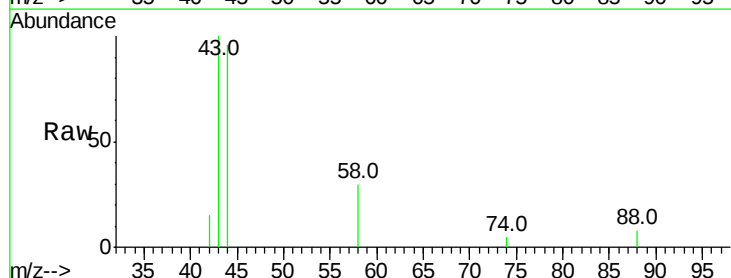
Tgt Ion: 88 Resp: 8

Ion Ratio Lower Upper

88 100

58 0.0 63.6 95.4#

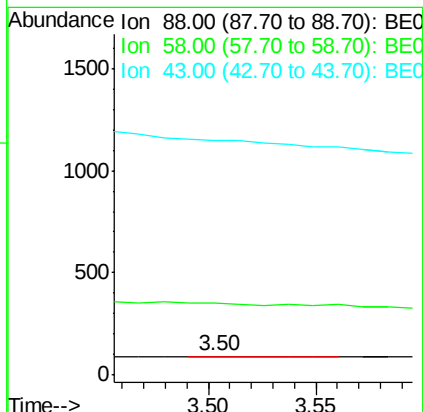
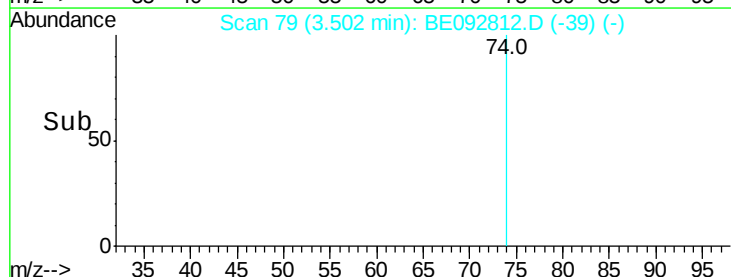
43 0.0 28.0 42.0#

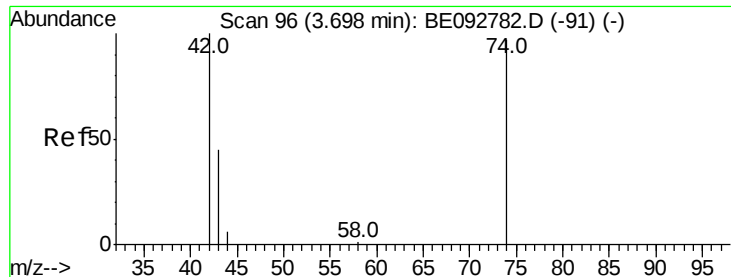


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



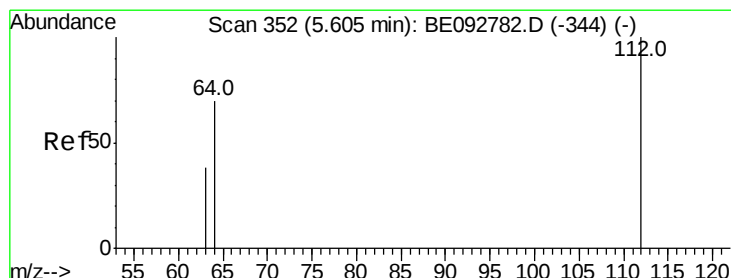
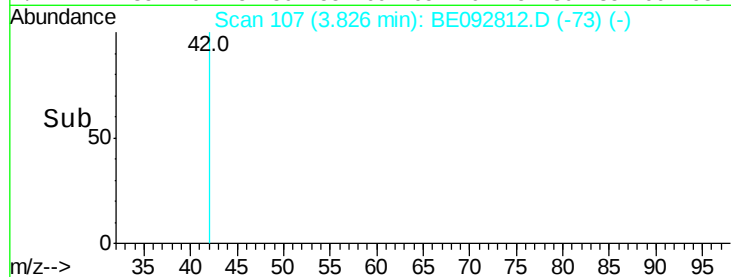
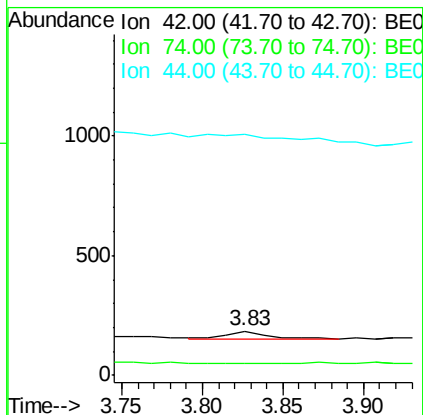
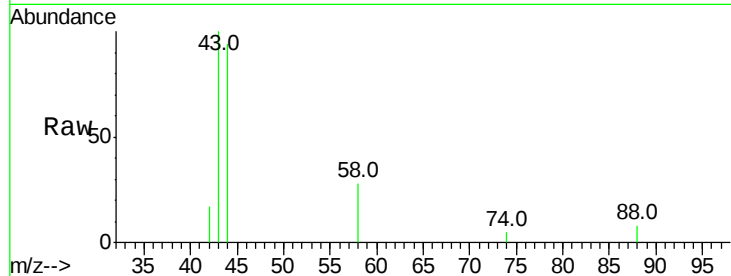


#3

n-Nitrosodimethylamine
 Concen: 0.03 ng
 RT: 3.83 min Scan# 107
 Delta R.T. 0.09 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Instrument :
 BNA_E
 ClientSampleId :
 PB97503BL

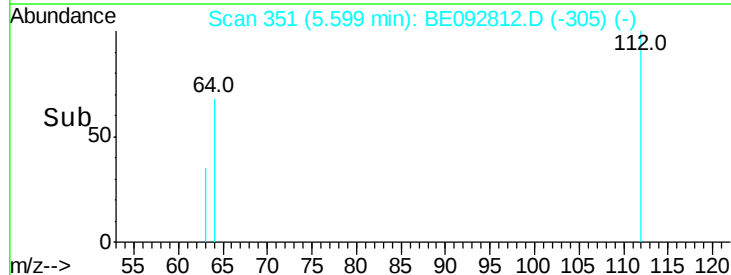
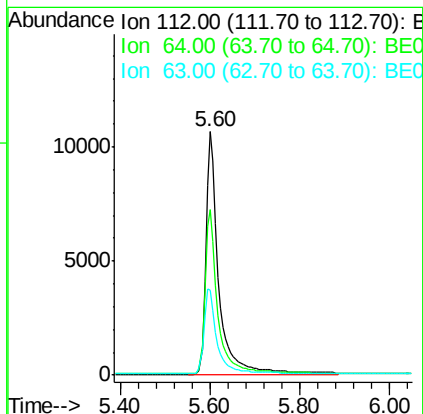
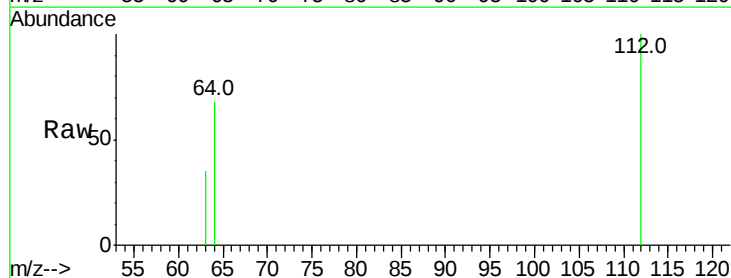
Tot Ion: 42 Resp: 54
 Ion Ratio Lower Upper
 42 100
 74 1.9 86.0 129.0#
 44 0.0 5.1 7.7#

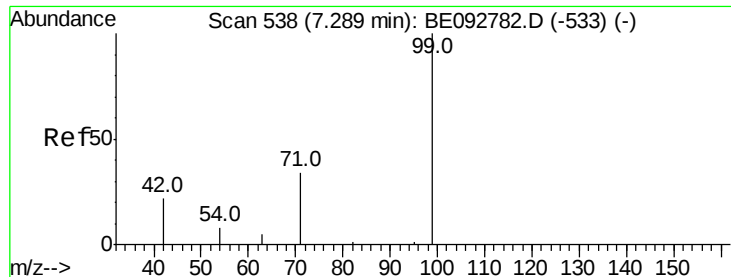


#4

2-Fluorophenol
 Concen: 8.53 ng
 RT: 5.60 min Scan# 351
 Delta R.T. -0.03 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Tgt Ion: 112 Resp: 21246
 Ion Ratio Lower Upper
 112 100
 64 68.4 53.5 80.3
 63 36.4 27.9 41.9





#5

Phenol-d6

Concen: 8.01 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Instrument :

BNA_E

ClientSampleId :

PB97503BL

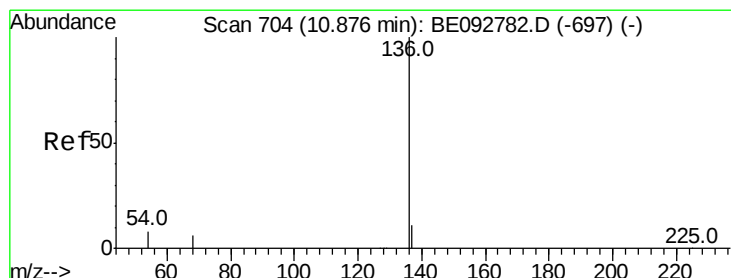
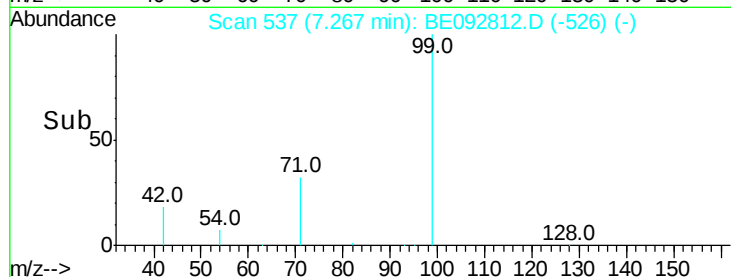
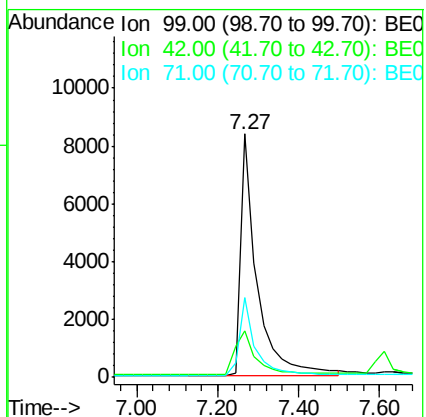
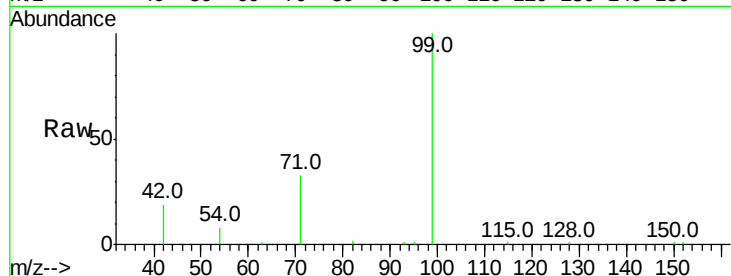
Tot Ion: 99 Resp: 23762

Ion Ratio Lower Upper

99 100

42 23.6 16.0 24.0

71 32.7 30.6 45.8



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Tgt Ion: 136 Resp: 45425

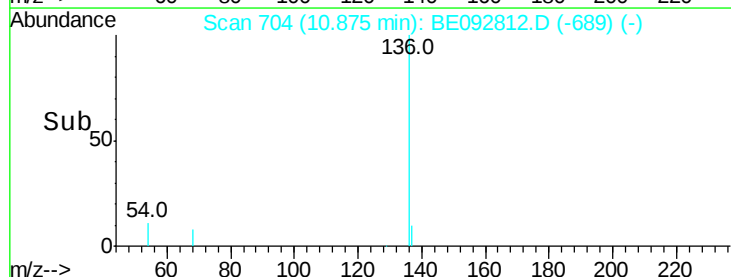
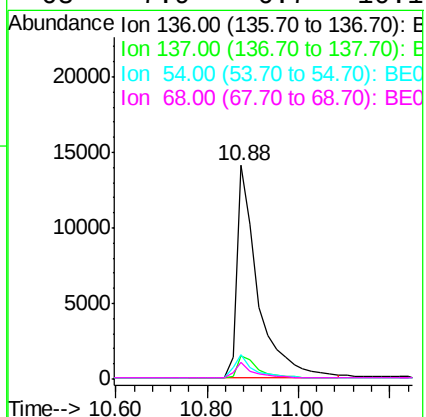
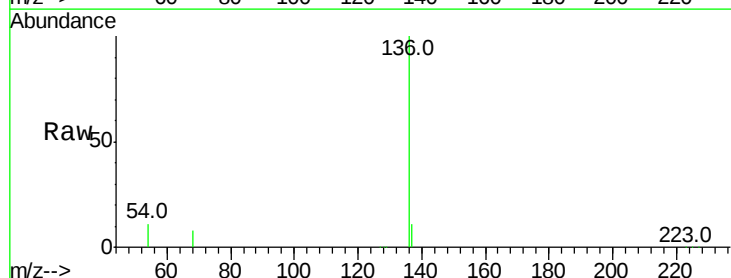
Ion Ratio Lower Upper

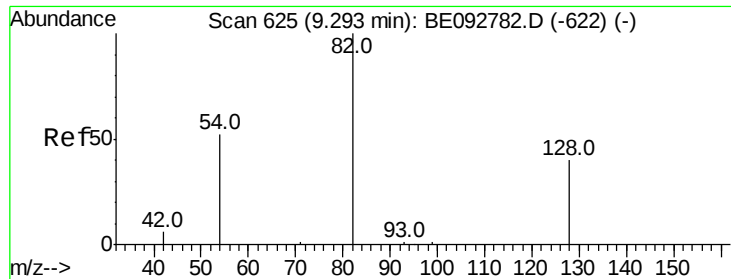
136 100

137 10.7 8.2 12.4

54 11.5 9.6 14.4

68 7.9 6.7 10.1

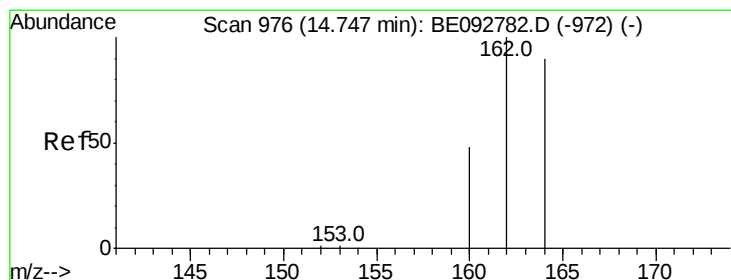
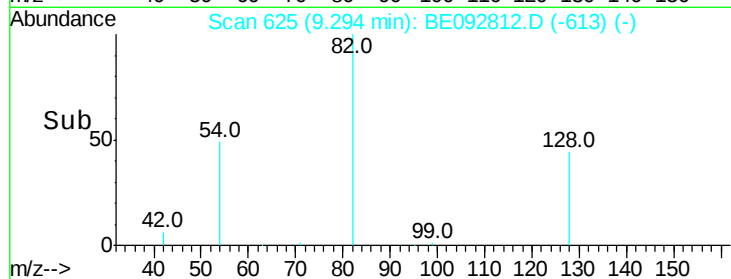
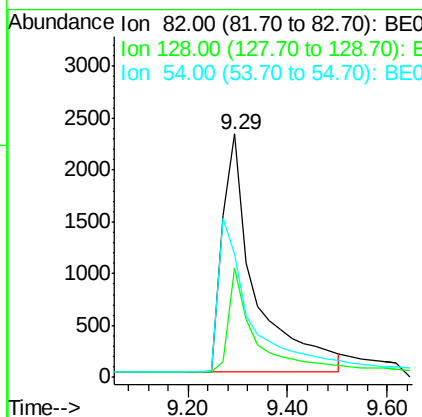
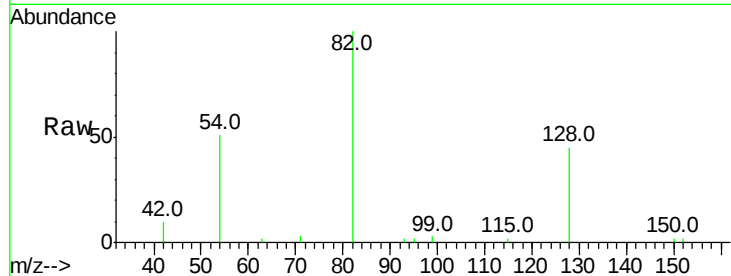




#8
 Nitrobenzene-d5
 Concen: 3.81 ng
 RT: 9.29 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

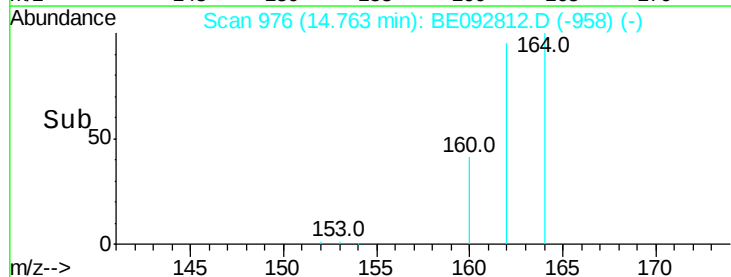
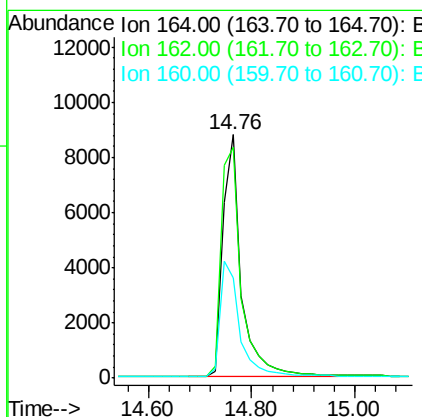
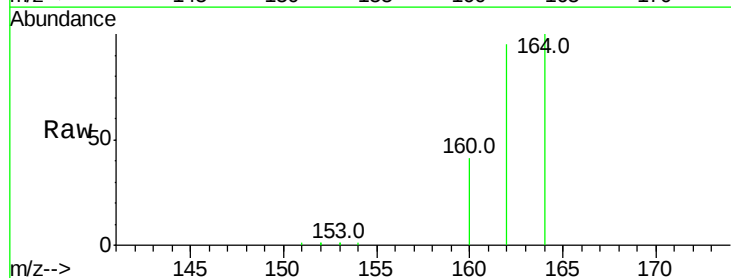
Instrument :
 BNA_E
 ClientSampleId :
 PB97503BL

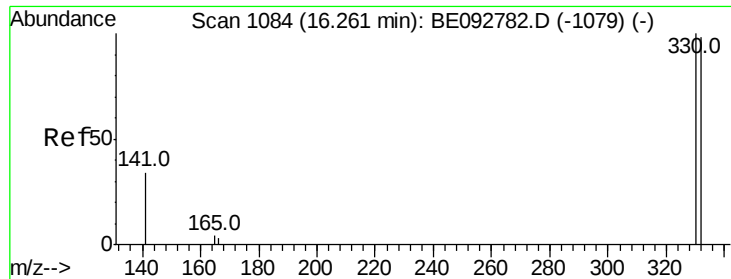
Tot Ion	82	Resp	10580
Ion Ratio	Lower	Upper	
82	100		
128	44.7	39.0	58.4
54	50.6	44.8	67.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.76 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Tgt Ion	164	Resp	22331
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	94.9	71.4	107.0
160	41.2	27.4	41.2#

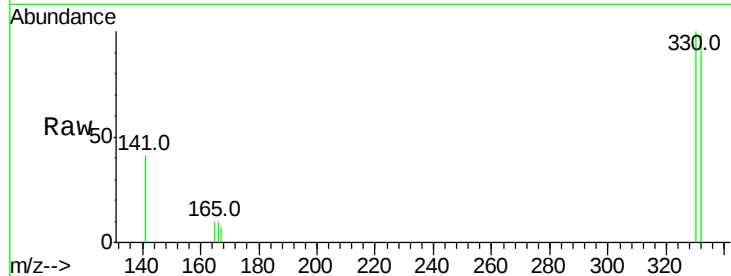




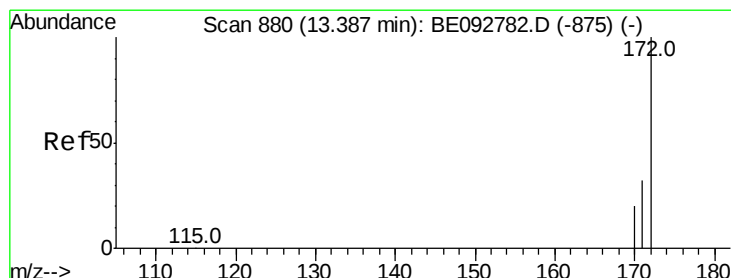
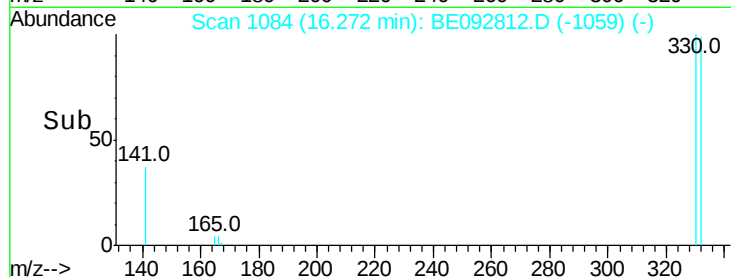
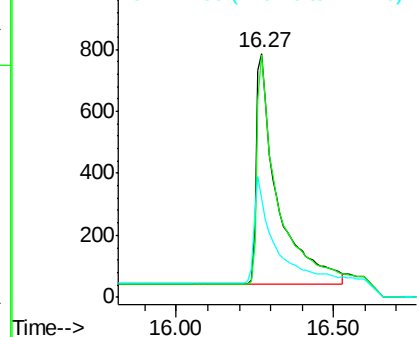
#13
 2,4,6-Tribromophenol
 Concen: 5.90 ng
 RT: 16.27 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Instrument :
 BNA_E
 ClientSampleId :
 PB97503BL

Tot Ion:330 Resp: 3468
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 45.4 31.0 46.6

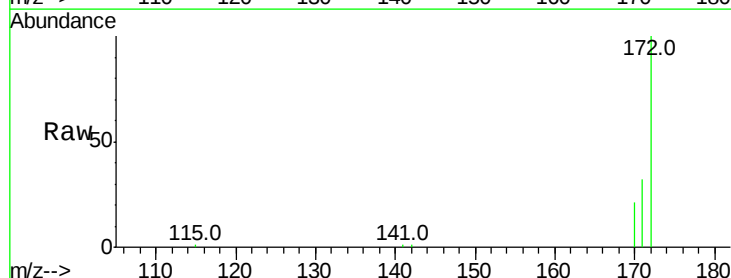


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

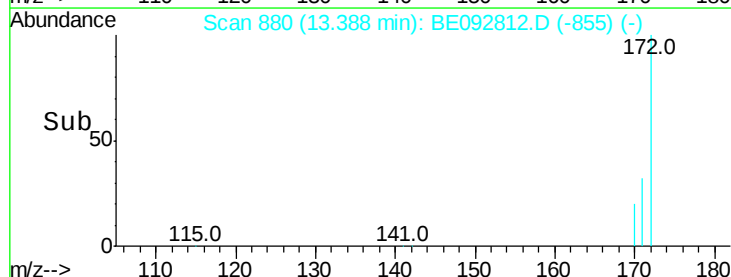
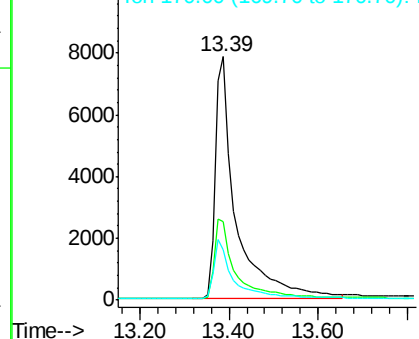


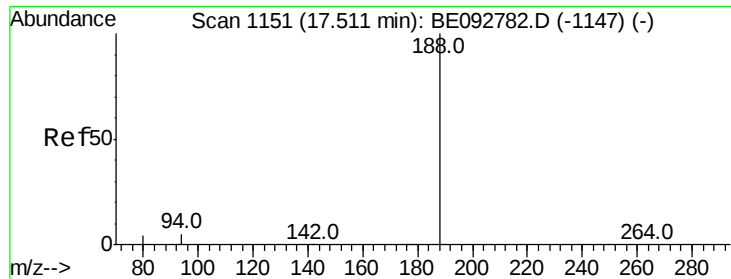
#14
 2-Fluorobiphenyl
 Concen: 4.83 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Tgt Ion:172 Resp: 25445
 Ion Ratio Lower Upper
 172 100
 171 32.3 30.1 45.1
 170 20.7 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: 17.51 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

Instrument :

BNA_E

ClientSampleId :

PB97503BL

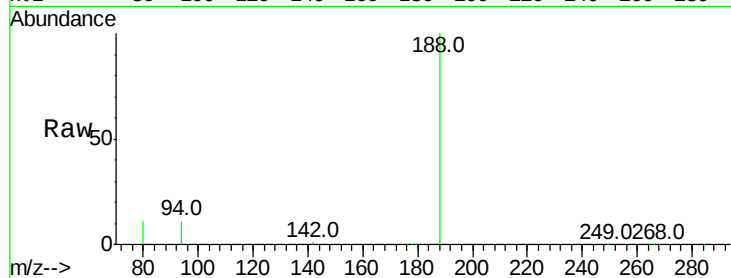
Tot Ion:188 Resp: 48915

Ion Ratio Lower Upper

188 100

94 10.6 3.2 4.8#

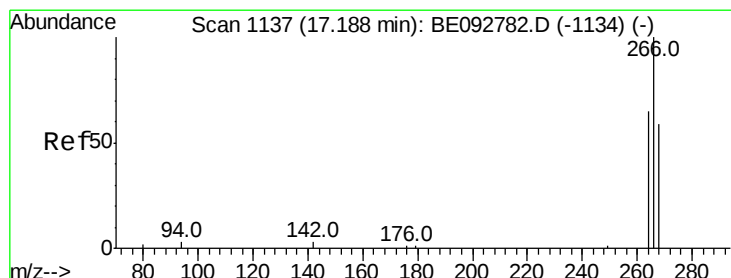
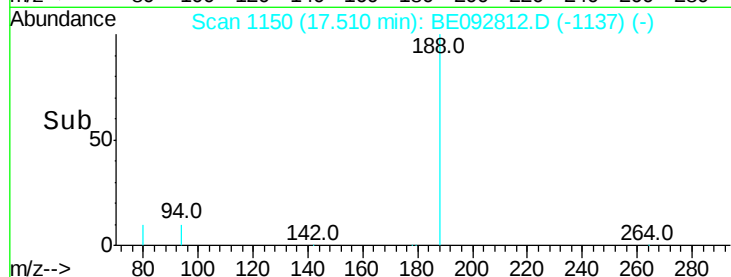
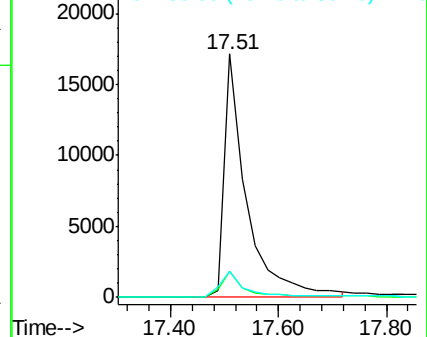
80 10.6 2.6 3.8#



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: 0.08 ng

RT: 17.40 min Scan# 1145

Delta R.T. 0.09 min

Lab File: BE092812.D

Acq: 10 Mar 2017 17:58

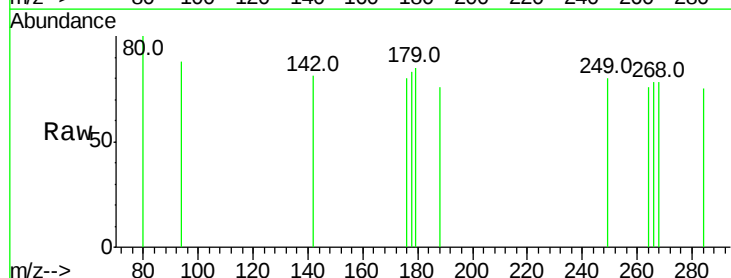
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

268 100.0 62.5 93.7#

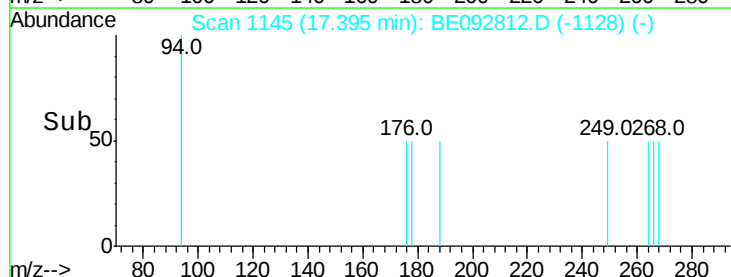
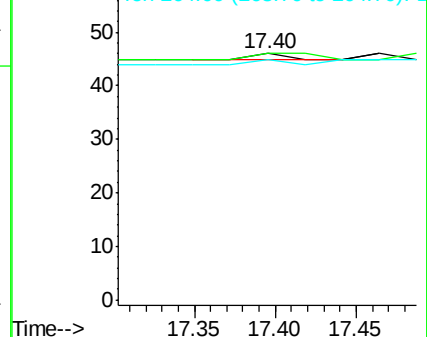
264 97.8 57.2 85.8#

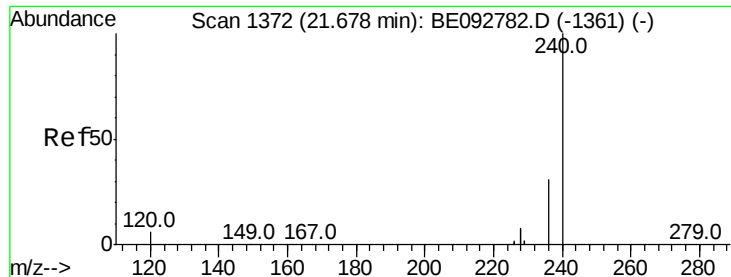


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

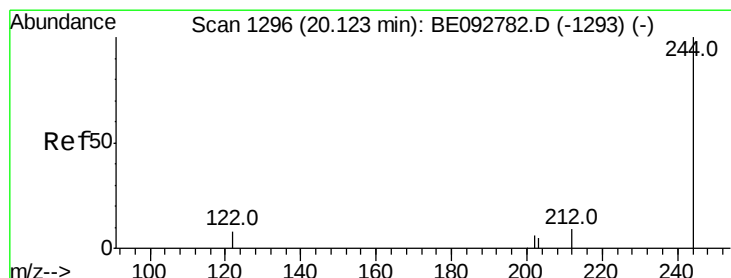
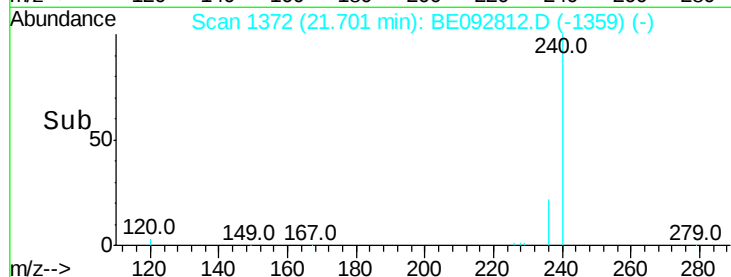
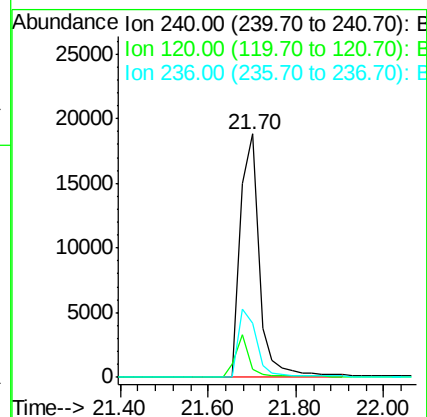
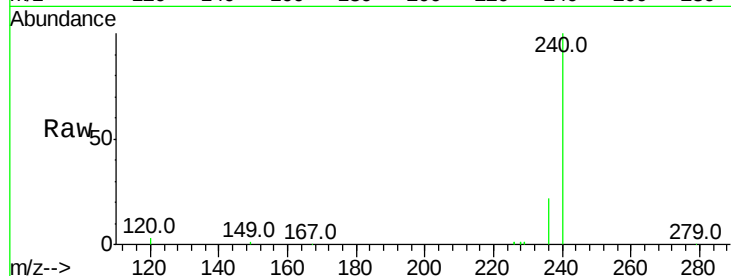




#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.70 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

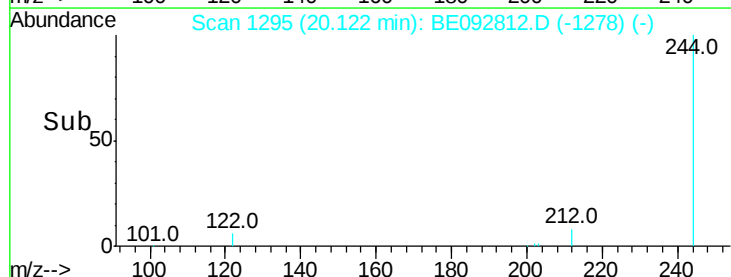
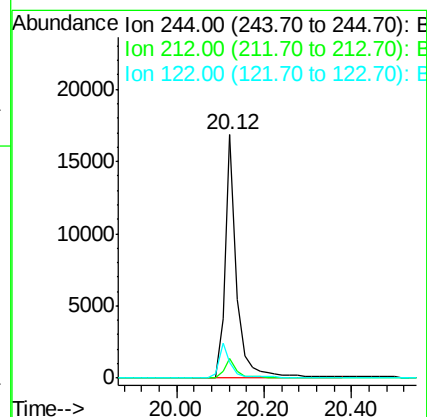
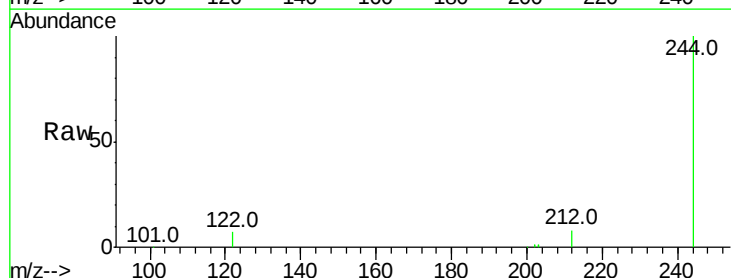
Instrument :
 BNA_E
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 PB97503BL

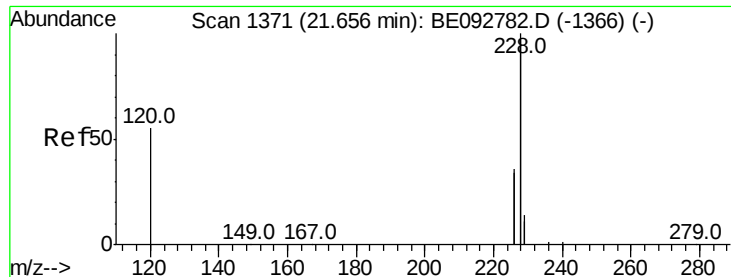
Tot Ion:240 Resp: 55777
 Ion Ratio Lower Upper
 240 100
 120 3.5 2.6 4.0
 236 22.2 24.6 37.0#



#26
 Terphenyl-d14
 Concen: 4.65 ng
 RT: 20.12 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Tgt Ion:244 Resp: 31279
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 6.6 3.6 5.4#

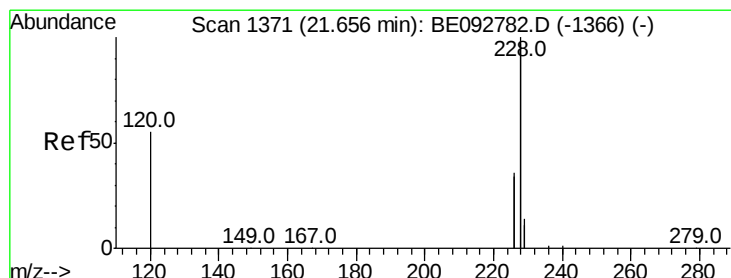
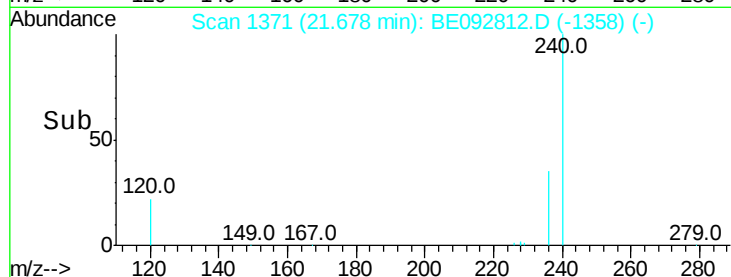
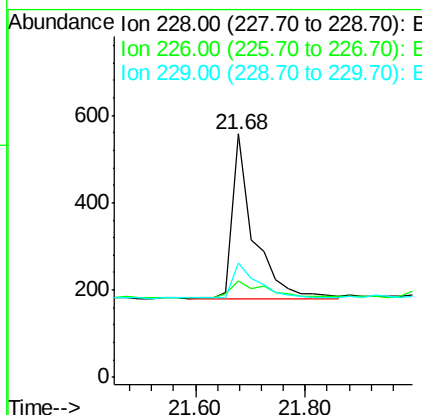
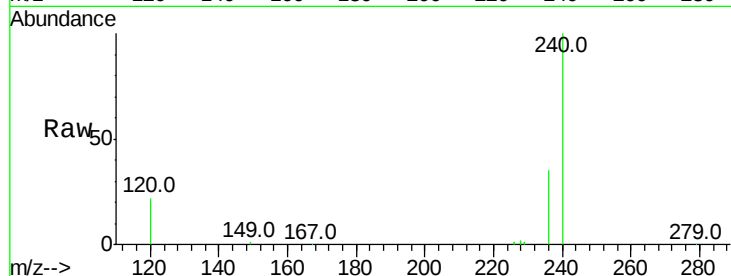




#27
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.68 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092812.D
Acq: 10 Mar 2017 17:58

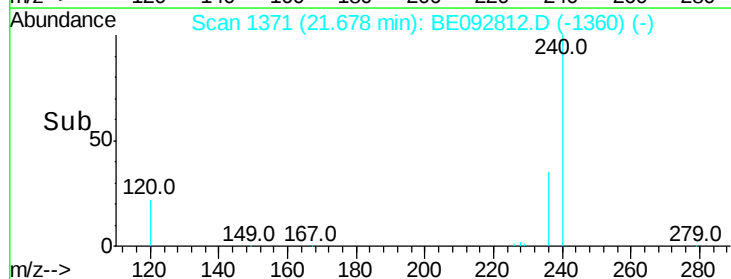
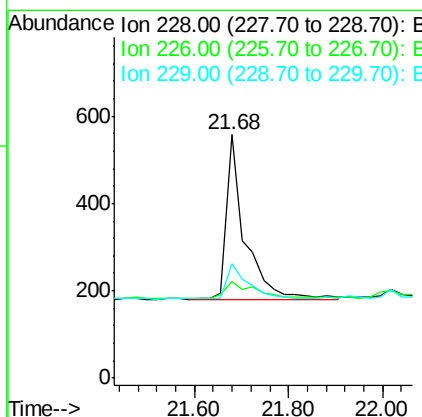
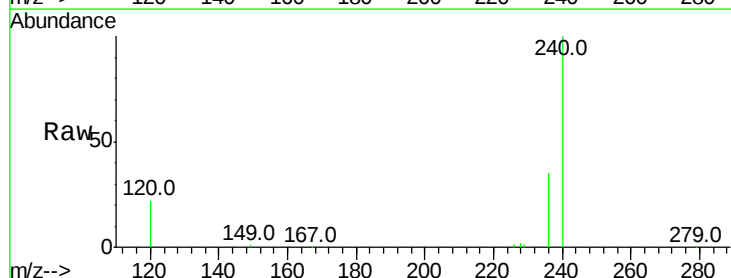
Instrument :
BNA_E
ClientSampleId :
PB97503BL

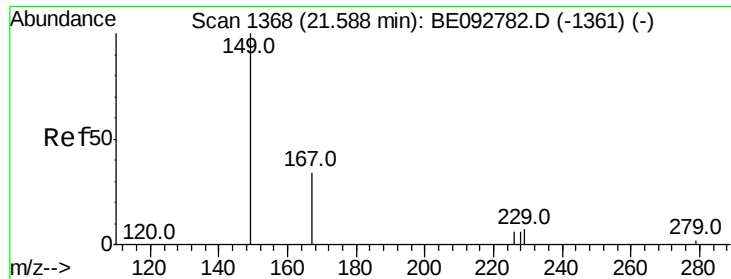
Tot Ion:228 Resp: 1008
Ion Ratio Lower Upper
228 100
226 39.4 23.6 35.4#
229 47.0 13.3 19.9#



#28
Chrysene
Concen: 0.02 ng
RT: 21.68 min Scan# 1371
Delta R.T. -0.05 min
Lab File: BE092812.D
Acq: 10 Mar 2017 17:58

Tgt Ion:228 Resp: 1027
Ion Ratio Lower Upper
228 100
226 39.4 36.3 54.5
229 47.0 10.6 16.0#

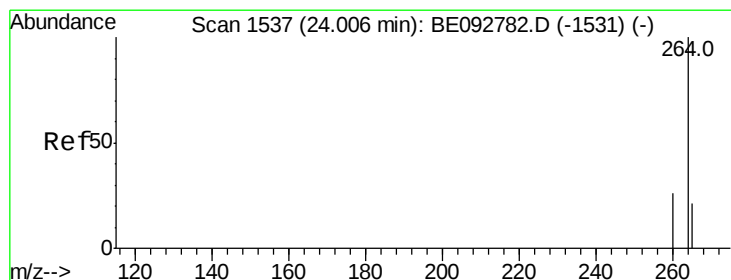
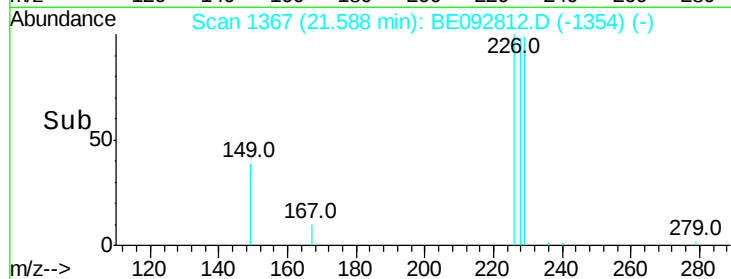
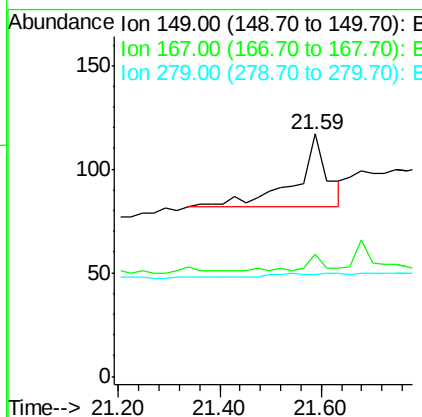
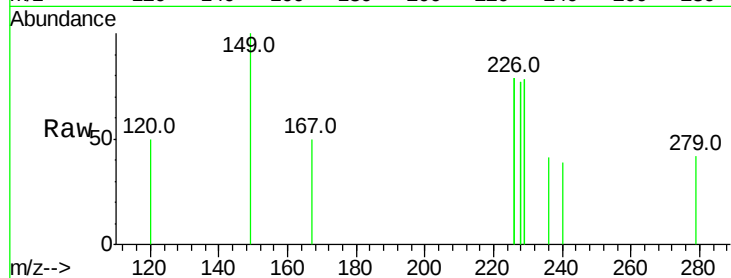




#29
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.59 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Instrument :
 BNA_E
 ClientSampled :
 PB97503BL

Tot Ion:149 Resp: 149
 Ion Ratio Lower Upper
 149 100
 167 9.4 16.0 24.0#
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.02 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BE092812.D
 Acq: 10 Mar 2017 17:58

Tgt Ion:264 Resp: 62255
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.1 17.9 26.9

