

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
 Data File : BE090843.D
 Acq On : 16 Sep 2015 13:19
 Operator : UM/IZ
 Sample : PB85578BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85578BL

Quant Time: Sep 17 00:55:01 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	39078	5.00	ng	-0.02
6) Naphthalene-d8	10.30	136	167838	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	92075	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	246850	5.00	ng	0.00
25) Chrysene-d12	21.07	240	301980	5.00	ng	0.00
32) Perylene-d12	23.35	264	288425	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.17	112	49939	6.56	ng	-0.02
5) Phenol-d6	6.73	99	67479	6.20	ng	-0.02
7) Nitrobenzene-d5	8.70	82	31644	2.85	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	11354	4.27	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	69301	2.72	ng	0.00
27) Terphenyl-d14	19.53	244	128142	3.84	ng	-0.01

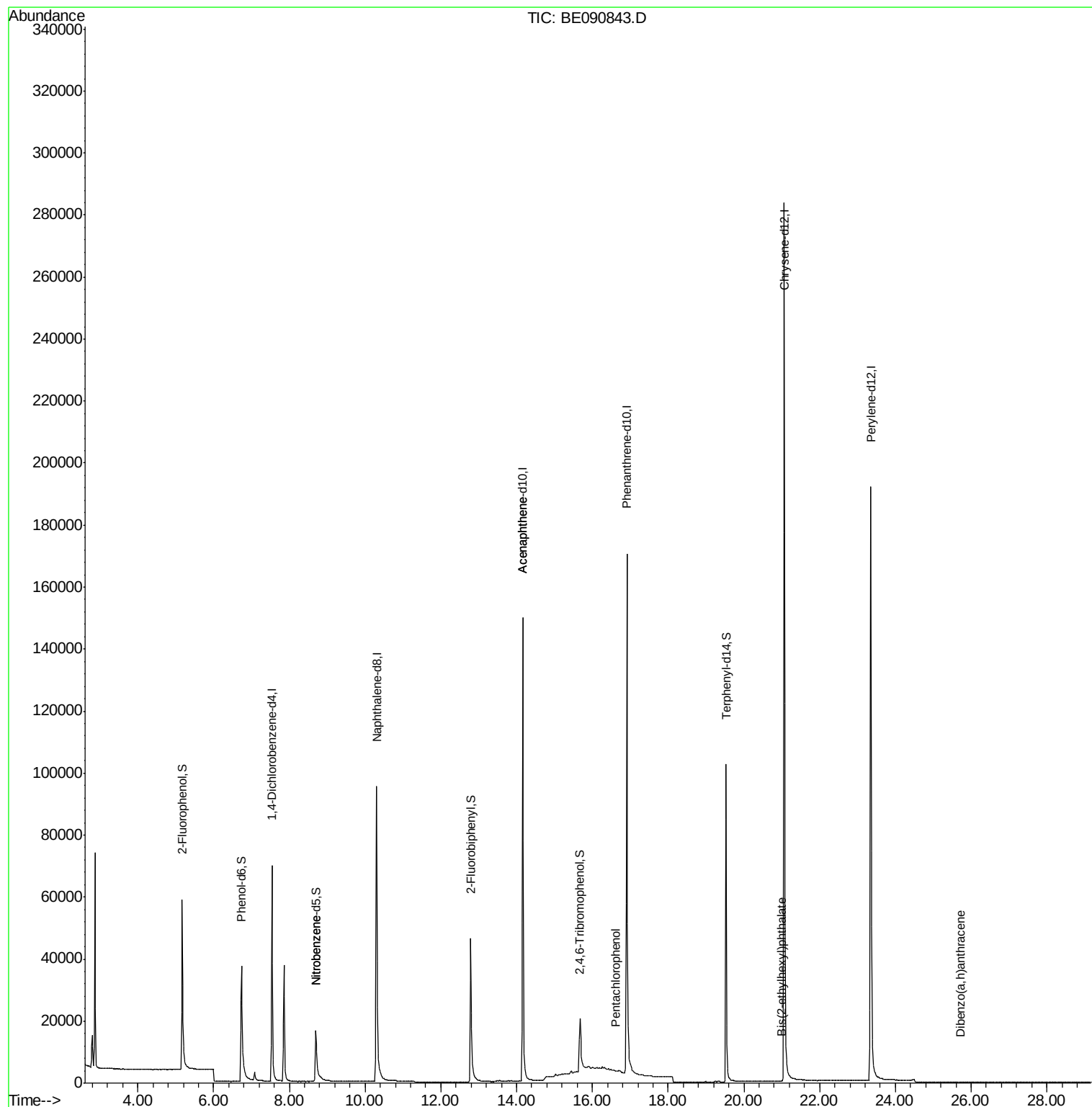
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	63	Below Cal	#	33
3) n-Nitrosodimethylamine	3.43	42	28	Below Cal	#	1
8) Nitrobenzene	8.70	77	111	0.12 ng	#	57
16) Acenaphthene	14.15	154	557	0.02 ng	#	1
20) Hexachlorobenzene	16.23	284	61	Below Cal	#	37
21) Pentachlorophenol	16.61	266	15	0.46 ng	#	59
28) Benzo(a)anthracene	21.07	228	970	Below Cal	#	79
29) Chrysene	21.10	228	452	Below Cal	#	74
30) Bis(2-ethylhexyl)phthalate	21.00	149	112	0.07 ng	#	75
36) Dibenzo(a,h)anthracene	25.73	278	4	0.14 ng	#	1

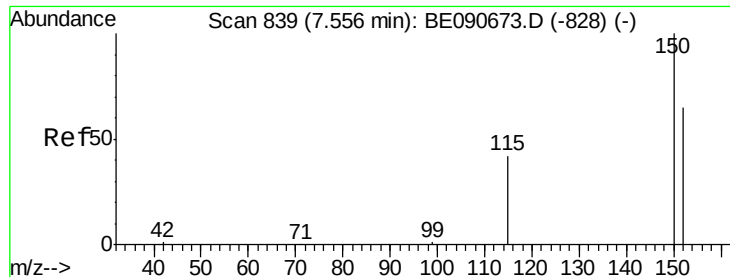
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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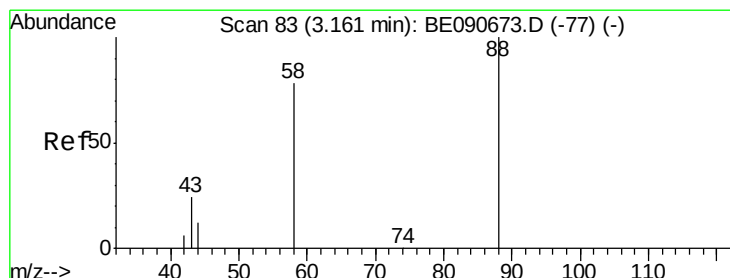
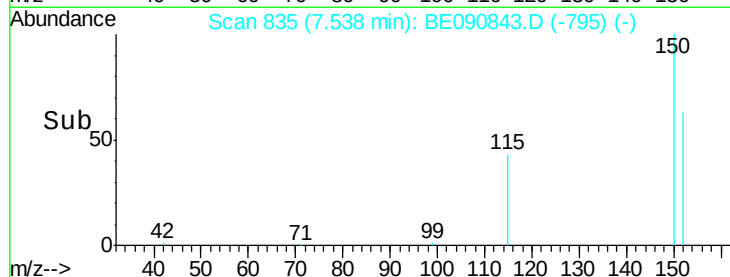
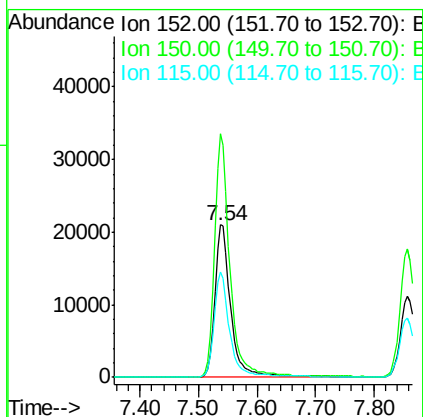
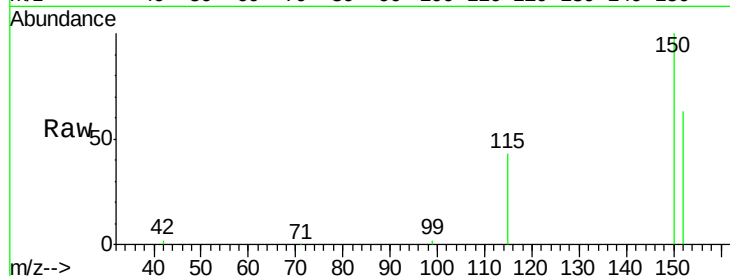


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.54 min Scan# 835
Delta R.T. -0.02 min
Lab File: BE090843.D
Acq: 16 Sep 2015 13:19

Instrument :
BNA_E
ClientSampleId :
PB85578BL

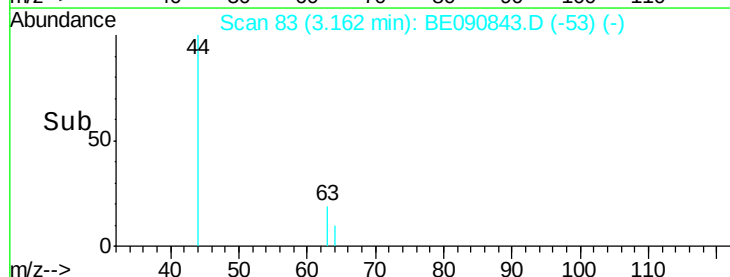
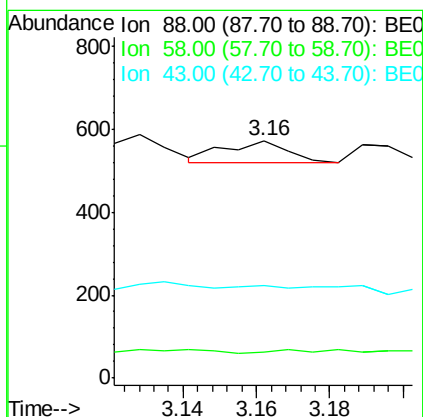
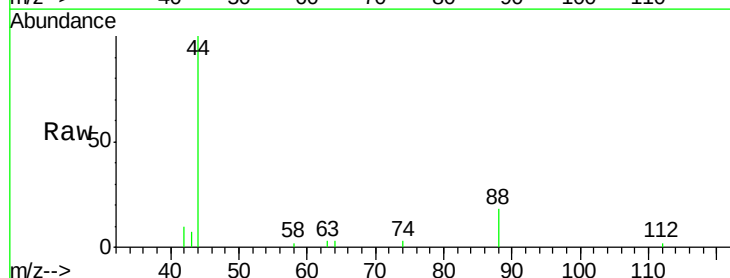
Tot Ion:152 Resp: 39078
Ion Ratio Lower Upper
152 100
150 159.6 122.2 183.4
115 69.2 51.0 76.4

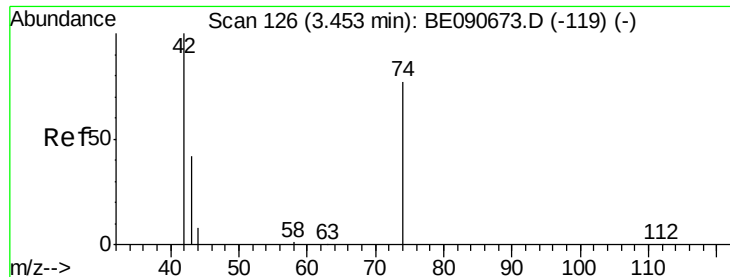


#2

1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. 0.00 min
Lab File: BE090843.D
Acq: 16 Sep 2015 13:19

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
58 20.6 68.4 102.6#
43 0.0 26.9 40.3#



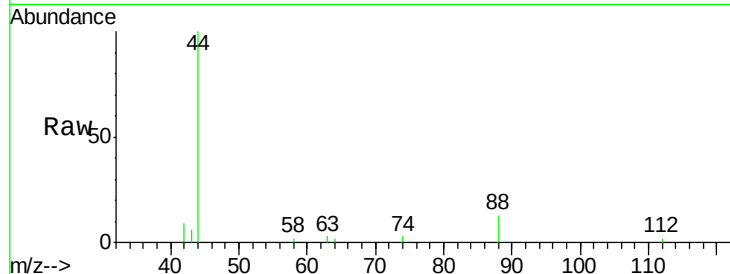


#3

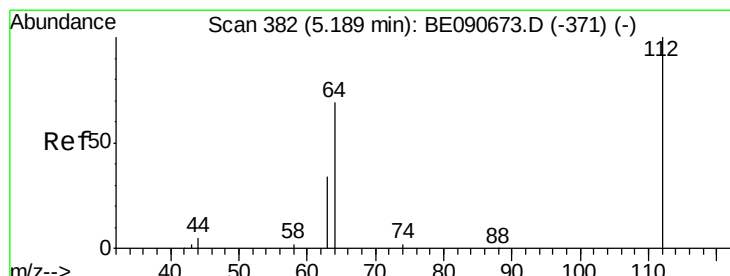
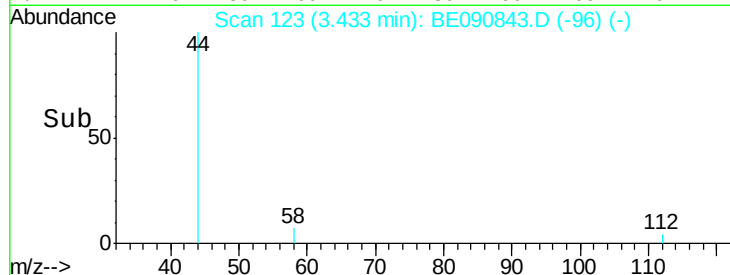
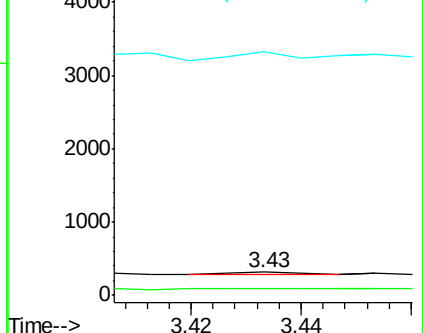
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.43 min Scan# 123
 Delta R.T. -0.02 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

Instrument :
 BNA_E
 ClientSampleId :
 PB85578BL

Tot Ion: 42 Resp: 28
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 296.4 10.0 15.0#



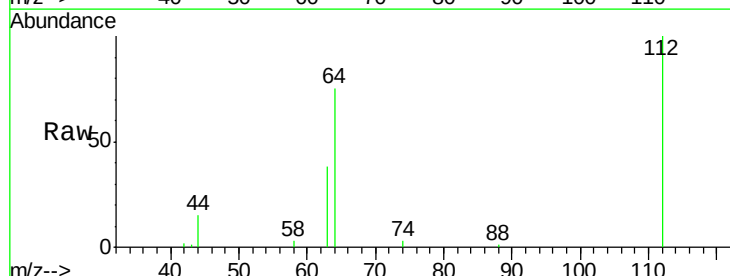
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



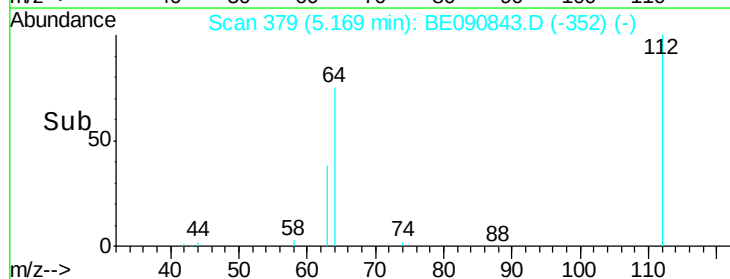
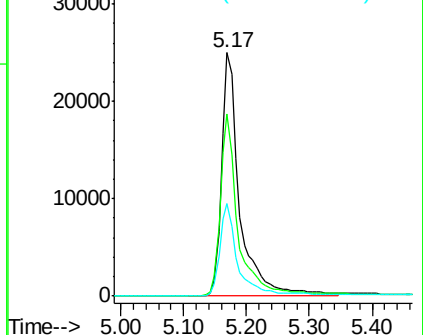
#4

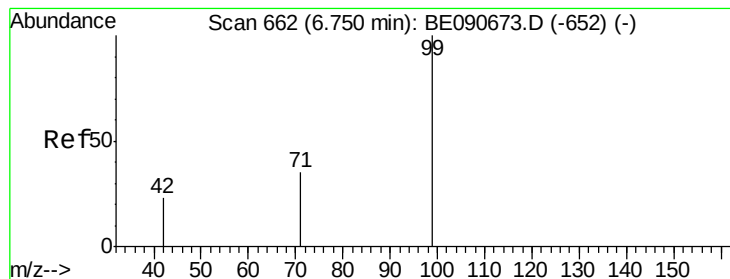
2-Fluorophenol
 Concen: 6.56 ng
 RT: 5.17 min Scan# 379
 Delta R.T. -0.02 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

Tgt Ion: 112 Resp: 49939
 Ion Ratio Lower Upper
 112 100
 64 72.9 57.3 85.9
 63 37.1 29.2 43.8



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: 6.20 ng

RT: 6.73 min Scan# 658

Delta R.T. -0.02 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Instrument :

BNA_E

ClientSampleId :

PB85578BL

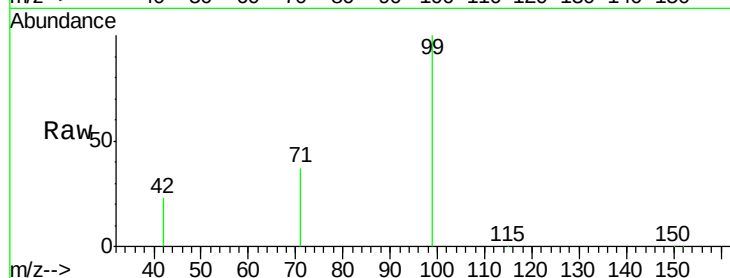
Tot Ion: 99 Resp: 67479

Ion Ratio Lower Upper

99 100

42 22.5 16.8 25.2

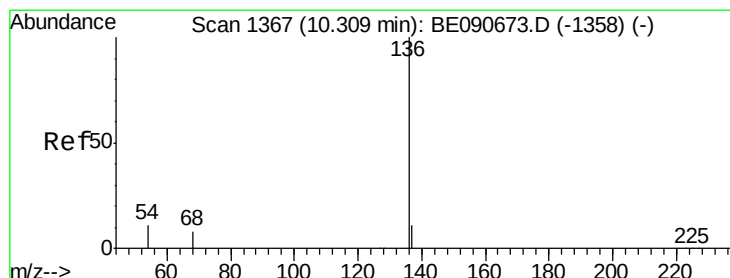
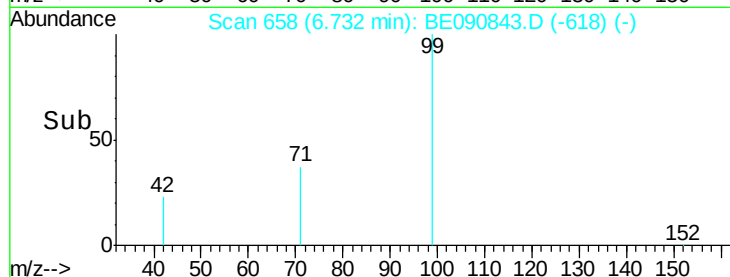
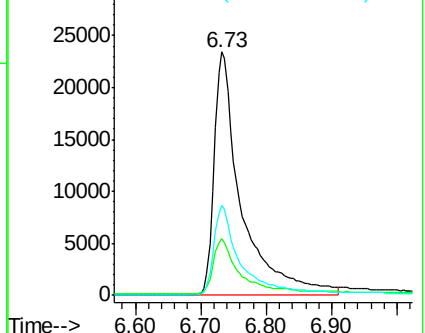
71 36.3 28.3 42.5



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Tgt Ion: 136 Resp: 167838

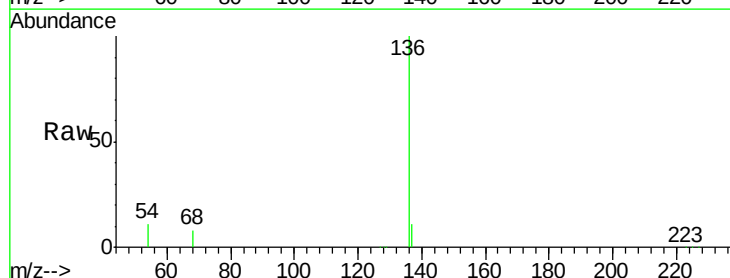
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.7 9.0 13.6

68 7.7 6.3 9.5

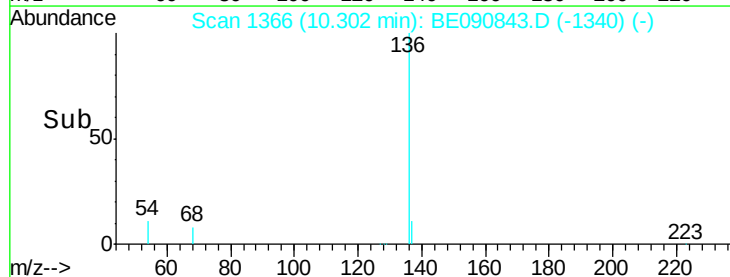
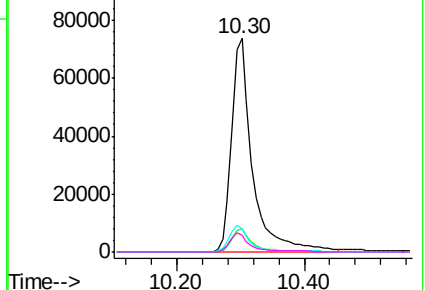


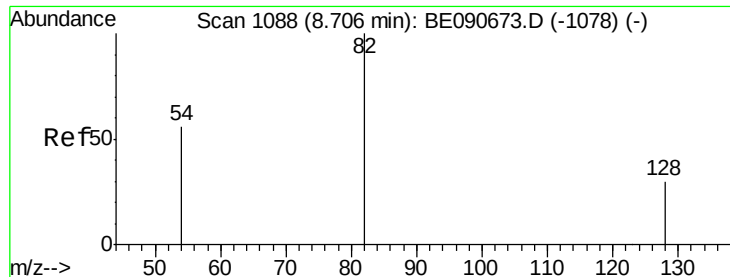
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 2.85 ng

RT: 8.70 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Instrument :

BNA_E

ClientSampleId :

PB85578BL

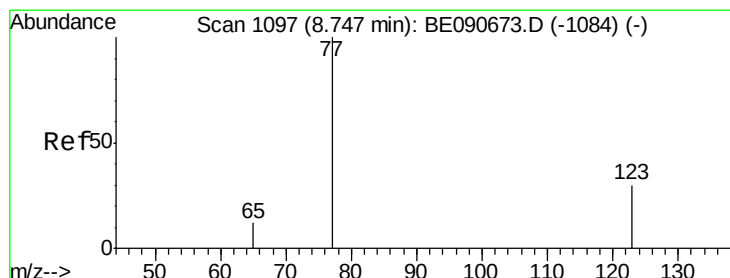
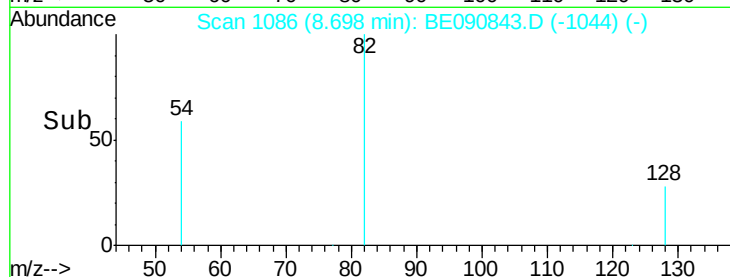
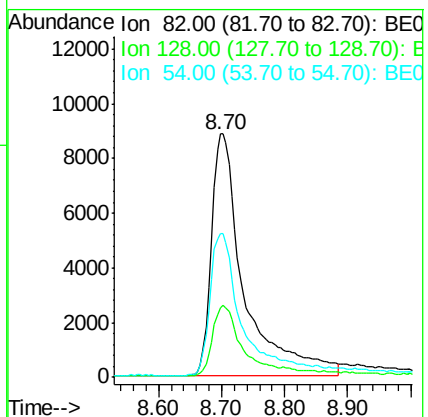
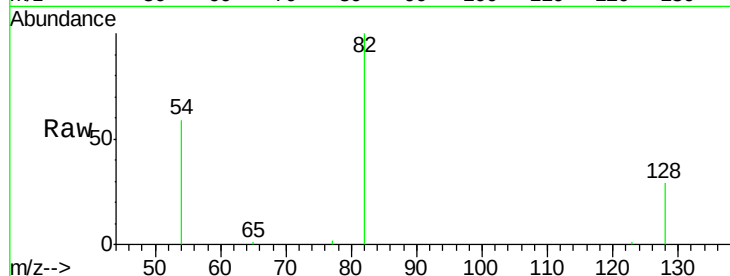
Tot Ion: 82 Resp: 31644

Ion Ratio Lower Upper

82 100

128 28.8 25.0 37.4

54 59.1 46.3 69.5



#8

Nitrobenzene

Concen: 0.12 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.04 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

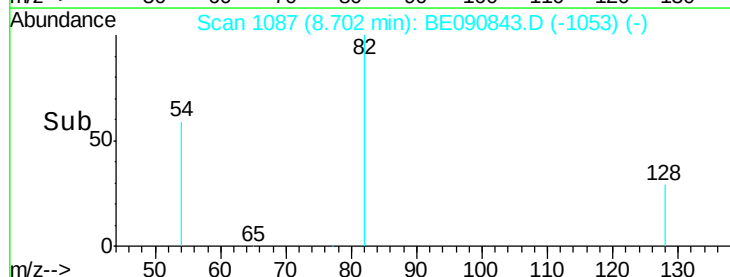
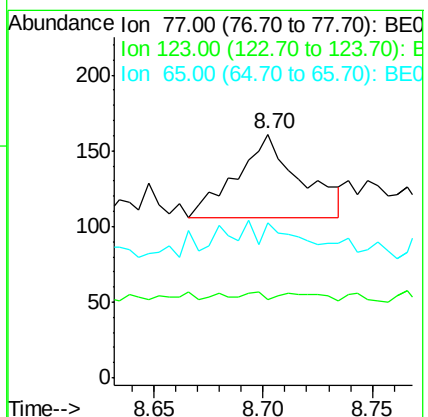
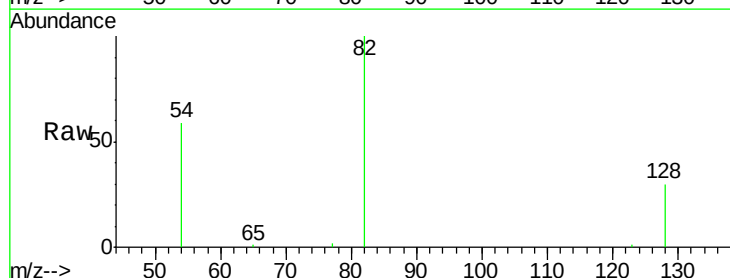
Tgt Ion: 77 Resp: 111

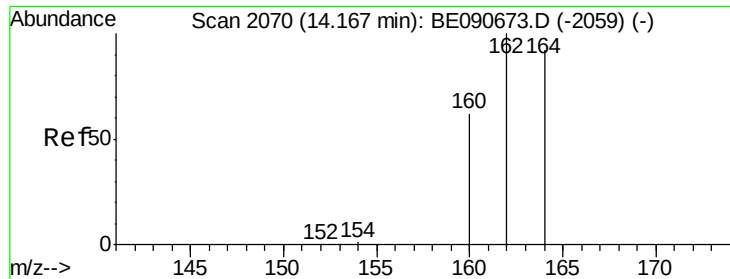
Ion Ratio Lower Upper

77 100

123 5.4 25.1 37.7#

65 0.0 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Instrument :

BNA_E

ClientSampleId :

PB85578BL

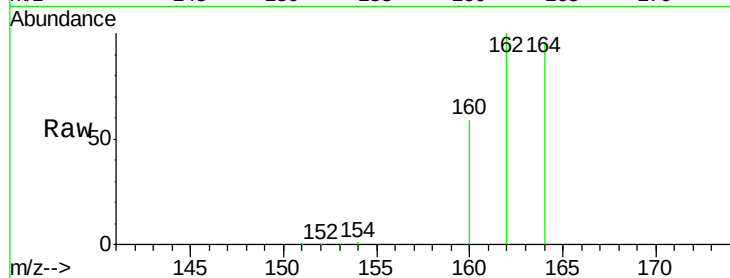
Tot Ion:164 Resp: 92075

Ion Ratio Lower Upper

164 100

162 105.4 86.8 130.2

160 62.7 53.9 80.9



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

80000

60000

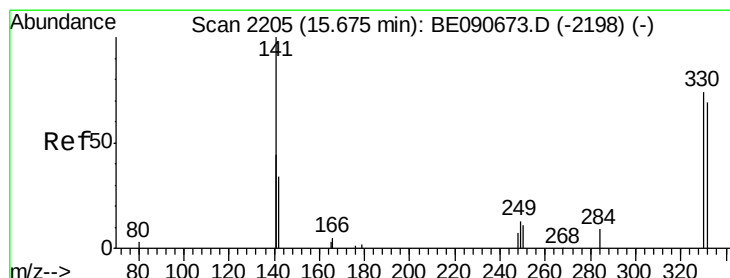
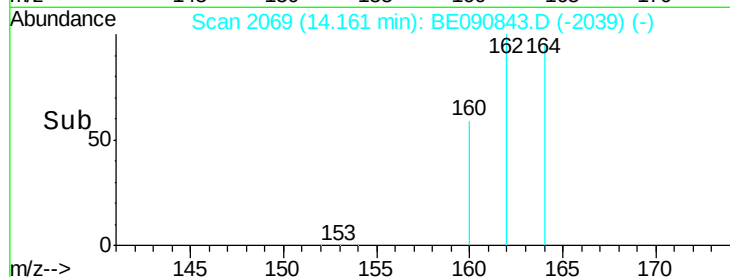
40000

20000

0

14.10 14.20 14.30 14.40

Time-->



#13

2,4,6-Tribromophenol

Concen: 4.27 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

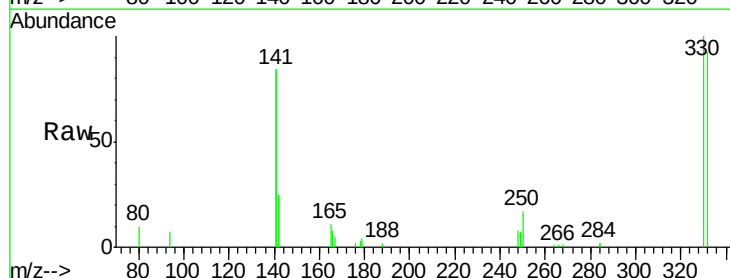
Tgt Ion:330 Resp: 11354

Ion Ratio Lower Upper

330 100

332 95.4 74.9 112.3

141 205.0 145.2 217.8



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

10000

8000

6000

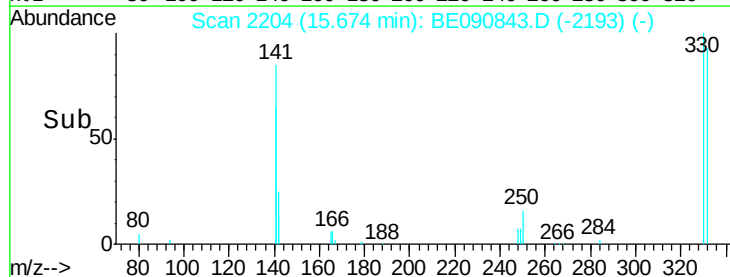
4000

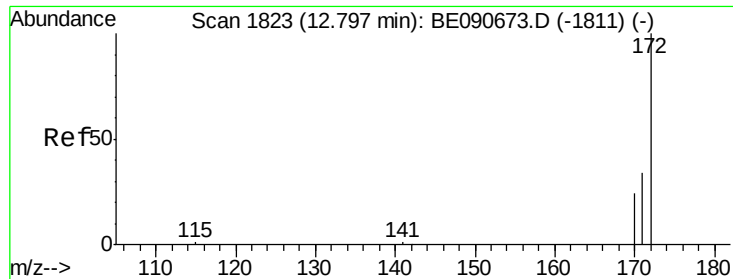
2000

0

15.60 15.70 15.80

Time-->

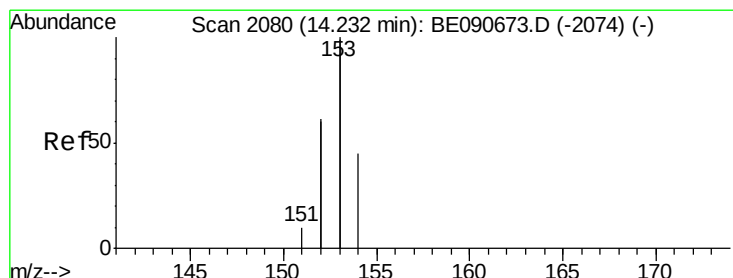
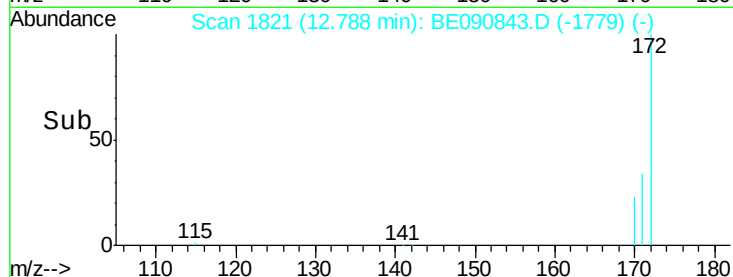
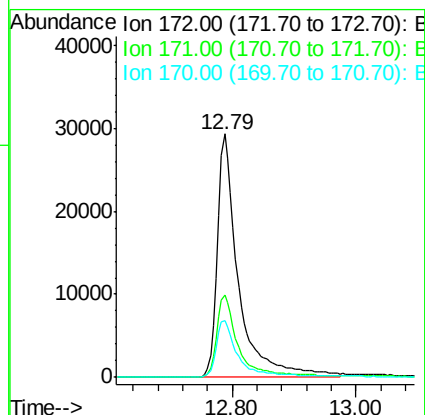
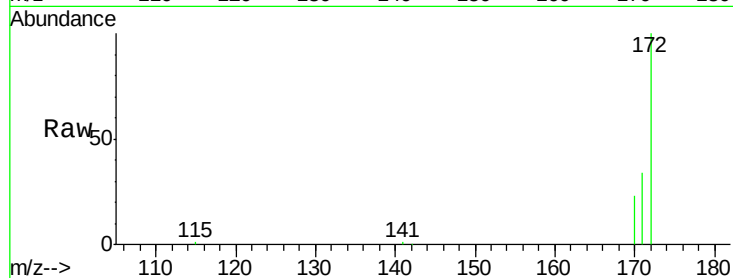




#14
2-Fluorobiphenyl
Concen: 2.72 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090843.D
Acq: 16 Sep 2015 13:19

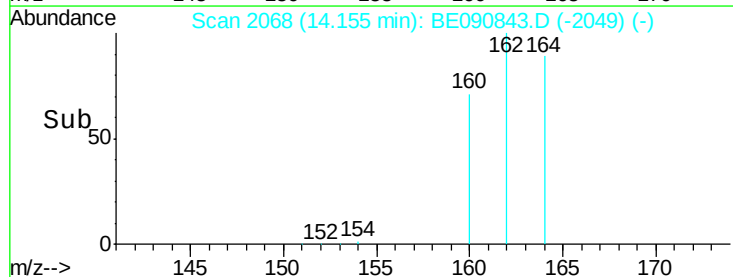
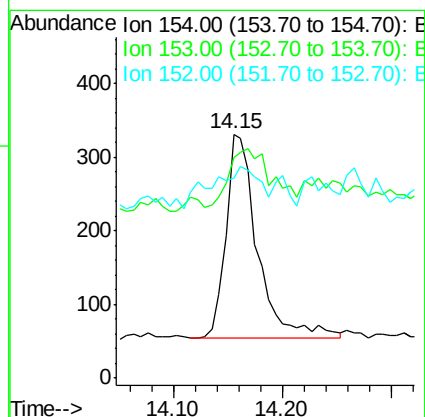
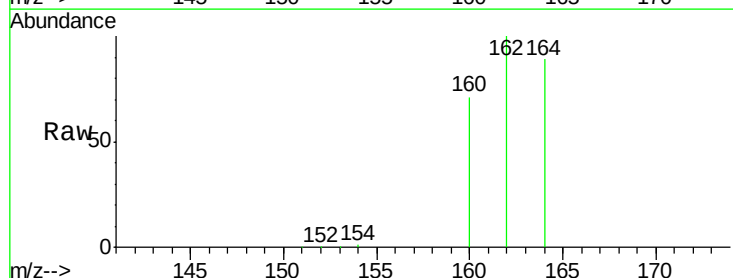
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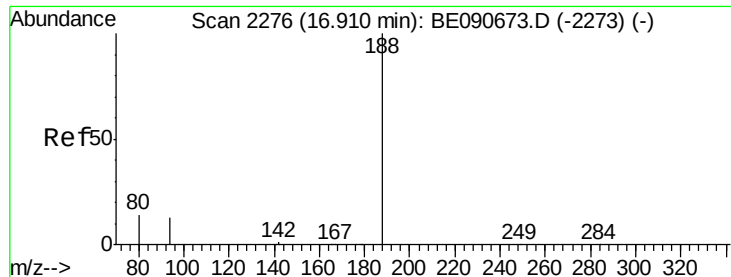
Tot Ion:172 Resp: 69301
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.8
170 23.4 19.8 29.6



#16
Acenaphthene
Concen: 0.02 ng
RT: 14.15 min Scan# 2068
Delta R.T. -0.08 min
Lab File: BE090843.D
Acq: 16 Sep 2015 13:19

Tgt Ion:154 Resp: 557
Ion Ratio Lower Upper
154 100
153 38.8 354.5 531.7#
152 31.2 227.8 341.6#

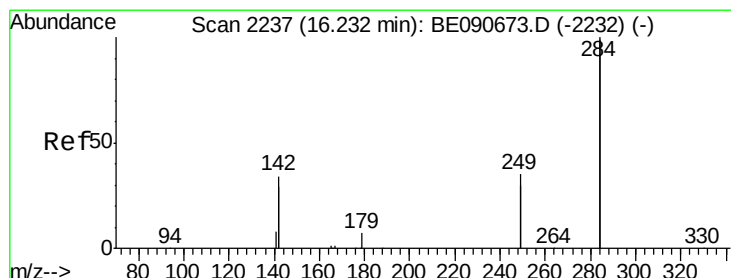
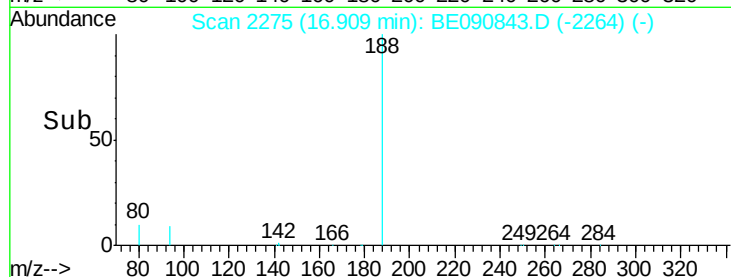
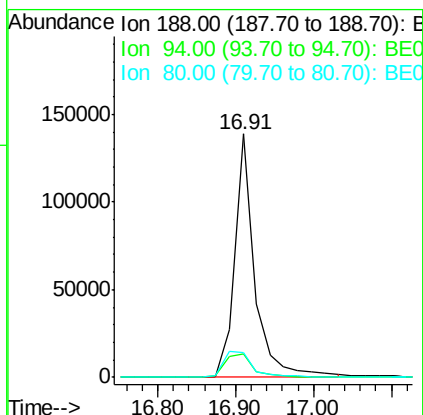
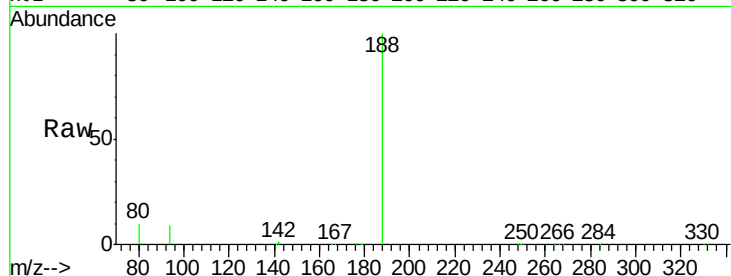




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090843.D
Acq: 16 Sep 2015 13:19

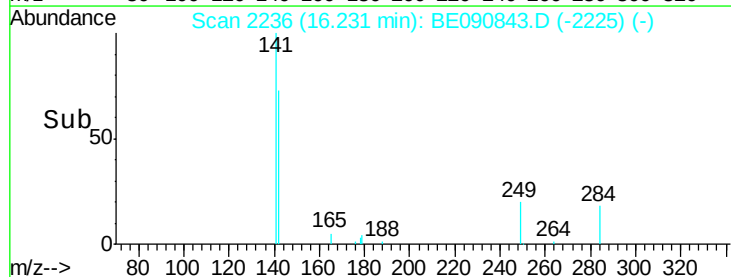
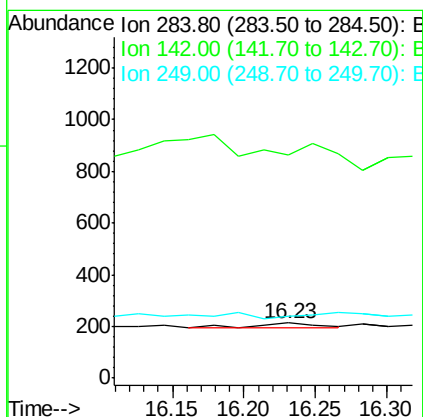
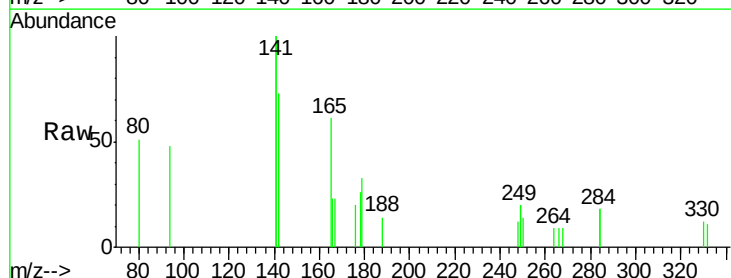
Instrument :
BNA_E
ClientSampleId :
PB85578BL

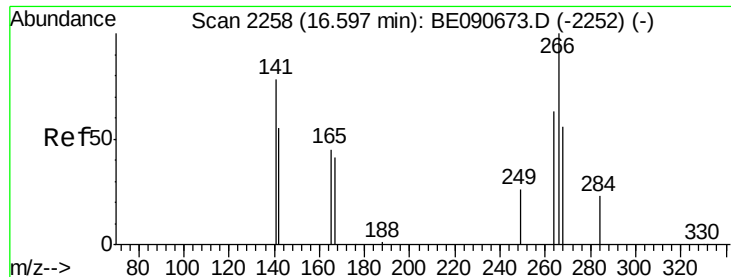
Tot Ion:188 Resp: 246850
Ion Ratio Lower Upper
188 100
94 9.5 10.3 15.5#
80 10.1 11.0 16.6#



#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090843.D
Acq: 16 Sep 2015 13:19

Tgt Ion:284 Resp: 61
Ion Ratio Lower Upper
284 100
142 0.0 35.0 52.4#
249 0.0 25.5 38.3#





#21

Pentachlorophenol

Concen: 0.46 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Instrument :

BNA_E

ClientSampleId :

PB85578BL

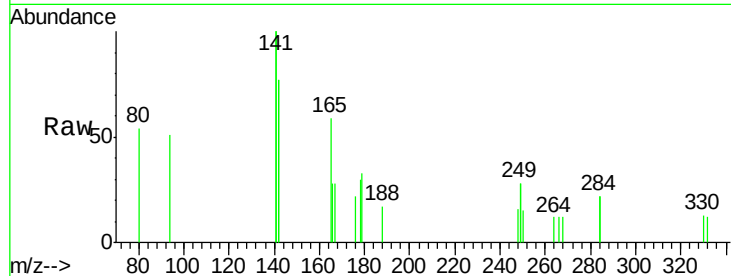
Tot Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

268 98.2 49.6 74.4#

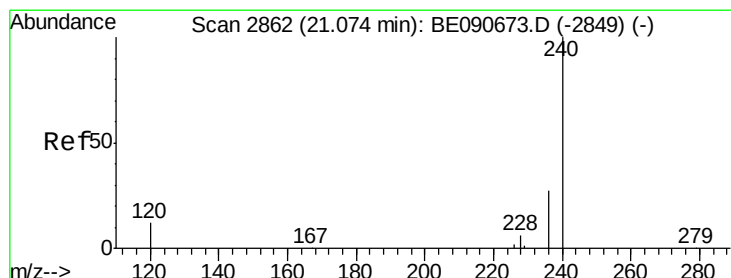
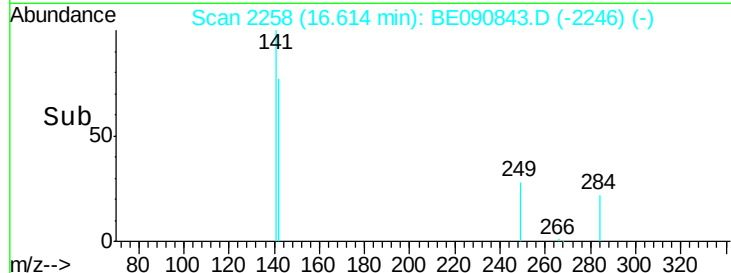
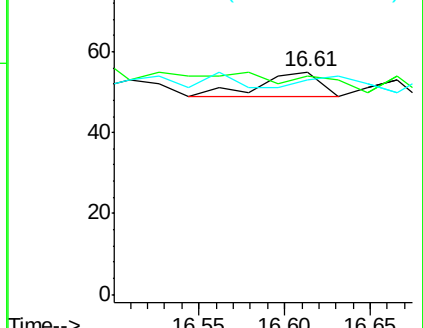
264 96.4 53.9 80.9#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

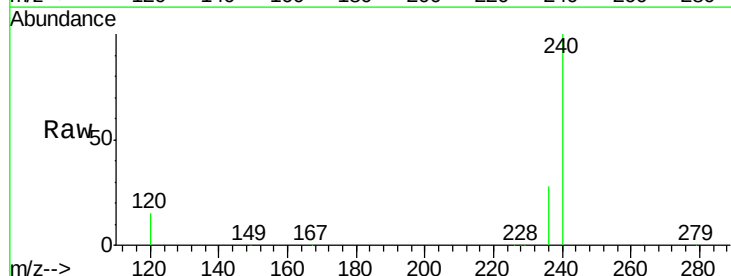
Tgt Ion:240 Resp: 301980

Ion Ratio Lower Upper

240 100

120 15.1 10.1 15.1

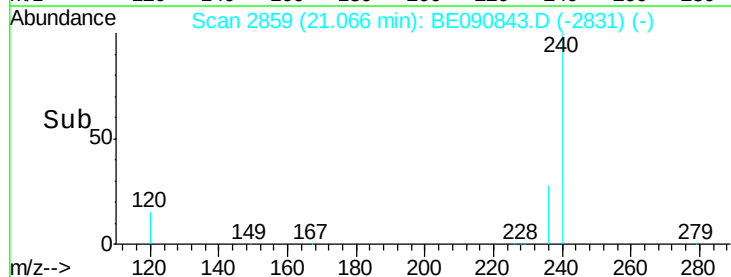
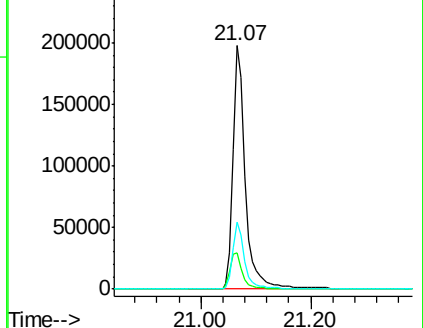
236 27.7 21.9 32.9

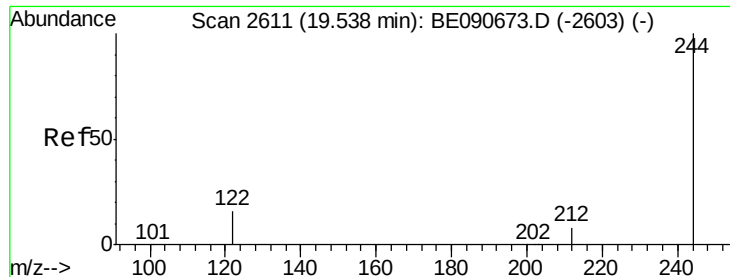


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

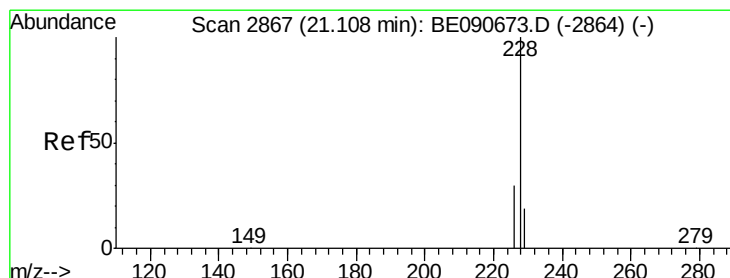
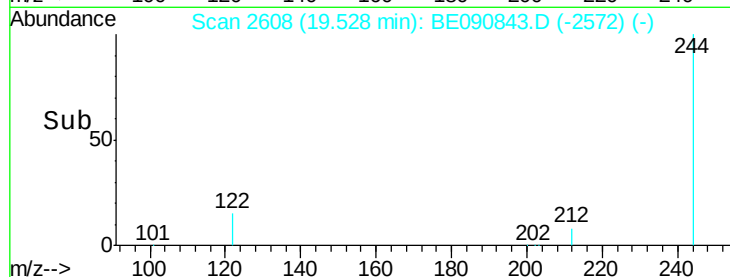
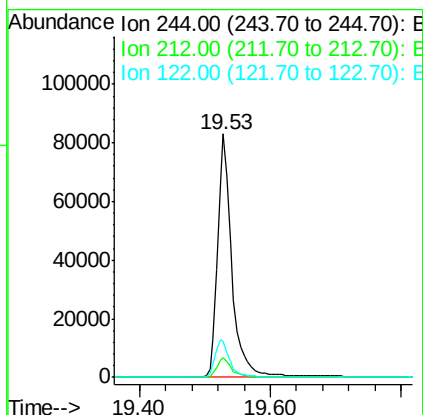
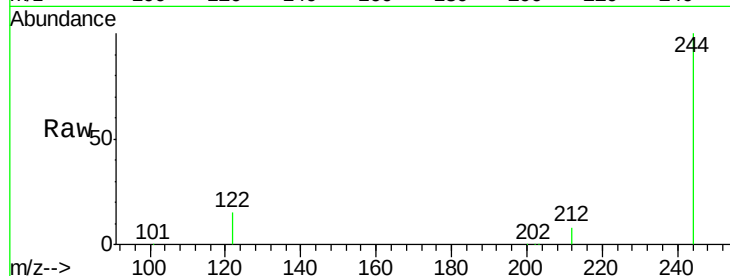




#27
 Terphenyl-d14
 Concen: 3.84 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

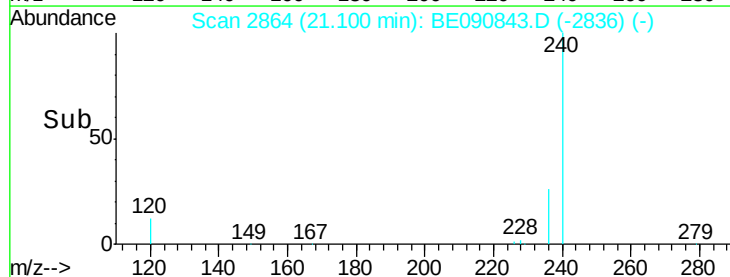
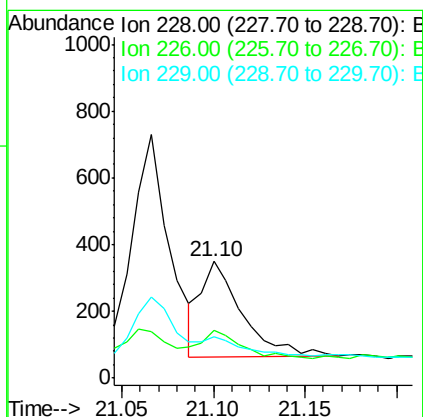
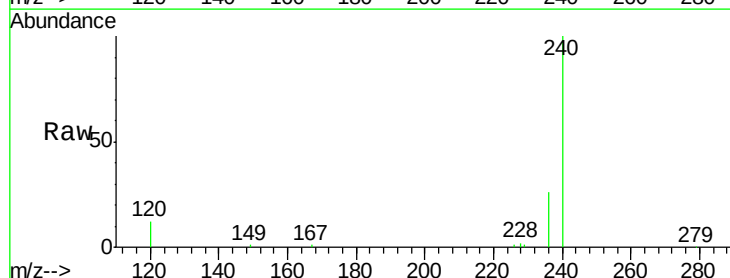
Instrument :
 BNA_E
 ClientSampled :
 PB85578BL

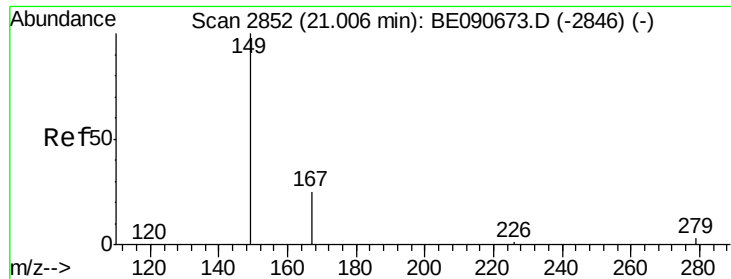
Tot Ion:244 Resp: 128142
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 14.7 12.9 19.3



#29
 Chrysene
 Concen: Below Cal
 RT: 21.10 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

Tgt Ion:228 Resp: 452
 Ion Ratio Lower Upper
 228 100
 226 41.0 24.2 36.4#
 229 35.5 15.3 22.9#

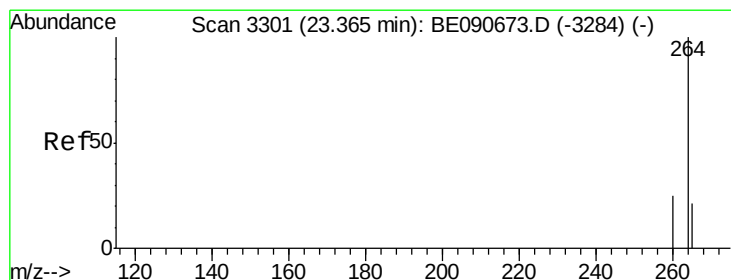
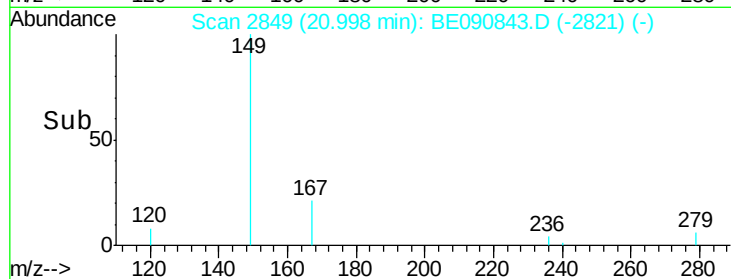
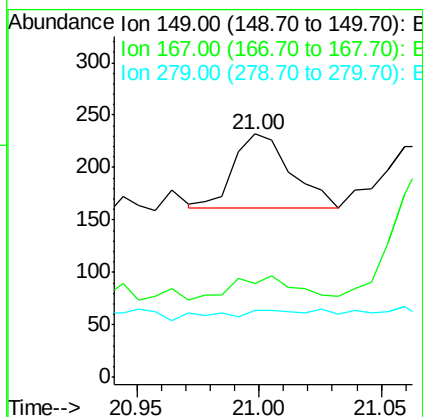
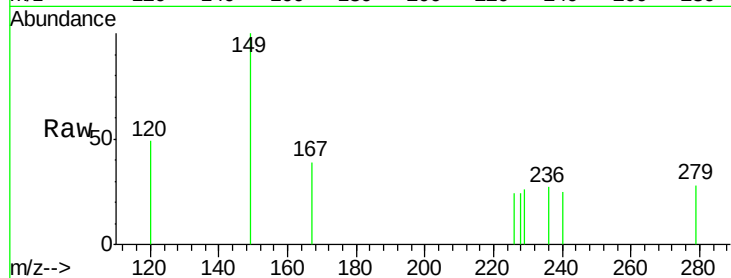




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.00 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

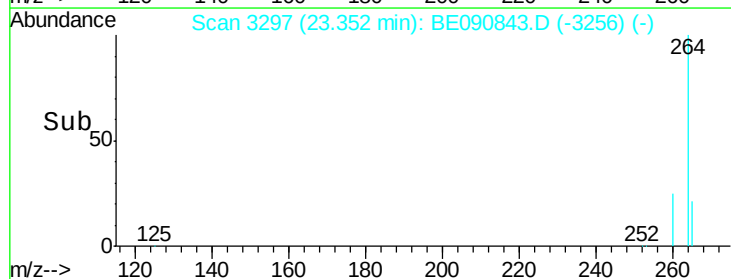
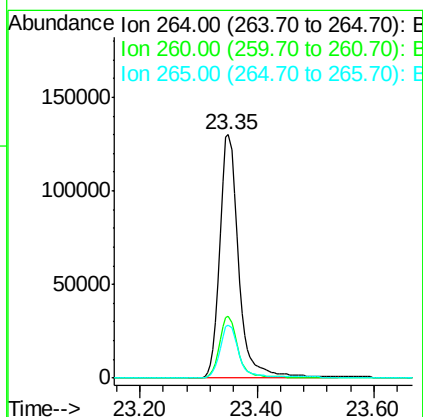
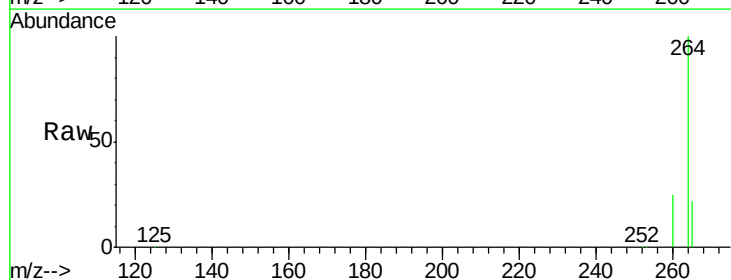
Instrument :
 BNA_E
 ClientSampleId :
 PB85578BL

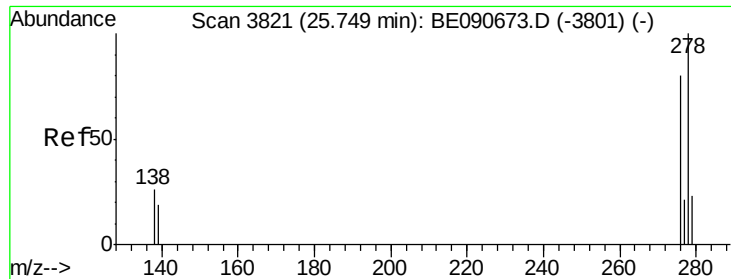
Tot Ion:149 Resp: 112
 Ion Ratio Lower Upper
 149 100
 167 35.7 20.1 30.1#
 279 21.4 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

Tgt Ion:264 Resp: 288425
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 21.7 17.5 26.3





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.73 min Scan# 3816

Delta R.T. -0.02 min

Lab File: BE090843.D

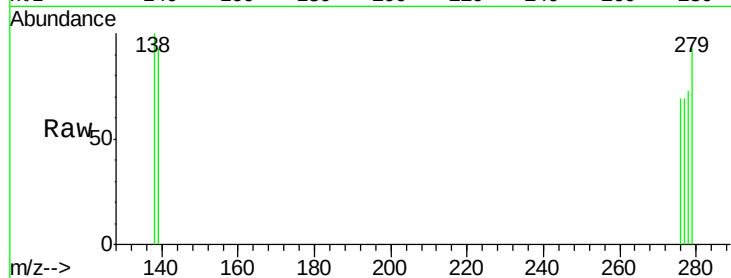
Acq: 16 Sep 2015 13:19

Instrument :

BNA_E

ClientSampleId :

PB85578BL



Tot Ion:	278	Resp:	4
Ion	Ratio	Lower	Upper
278	100		
139	126.2	15.4	23.0#
279	126.2	18.8	28.2#

