

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090482.D
 Acq On : 13 Aug 2015 00:11
 Operator : UM/IZ
 Sample : G3251-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 01:22:58 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19347	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	90251	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	53418	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	128752	5.00	ng	0.00
25) Chrysene-d12	21.09	240	145289	5.00	ng	0.00
32) Perylene-d12	23.40	264	129682	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	11575	3.99	ng	0.00
5) Phenol-d6	6.77	99	11088	1.95	ng	0.00
7) Nitrobenzene-d5	8.73	82	24166	3.36	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	11901	7.51	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	60723	4.13	ng	0.00
27) Terphenyl-d14	19.55	244	119015	5.56	ng	-0.01

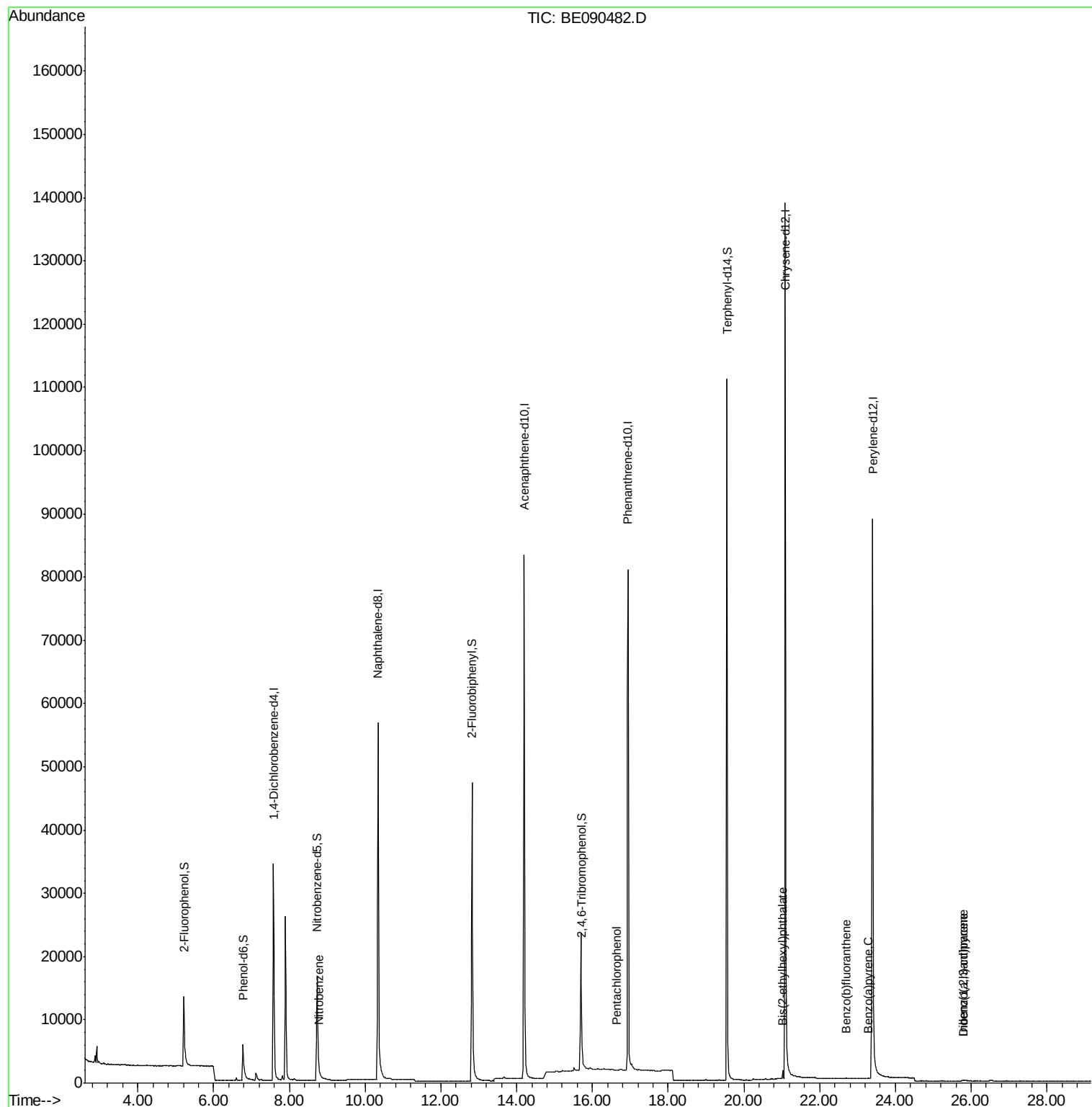
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	47	Below Cal	#	1
8) Nitrobenzene	8.79	77	19	0.21 ng	#	26
10) Hexachlorobutadiene	10.70	225	1	Below Cal	#	19
21) Pentachlorophenol	16.65	266	15	0.11 ng	#	71
30) Bis(2-ethylhexyl)phthalate	21.03	149	1183	0.26 ng	#	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	82	0.25 ng	#	91
33) Benzo(b)fluoranthene	22.71	252	77	0.20 ng	#	1
35) Benzo(a)pyrene	23.29	252	110	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.80	278	38	0.29 ng	#	1

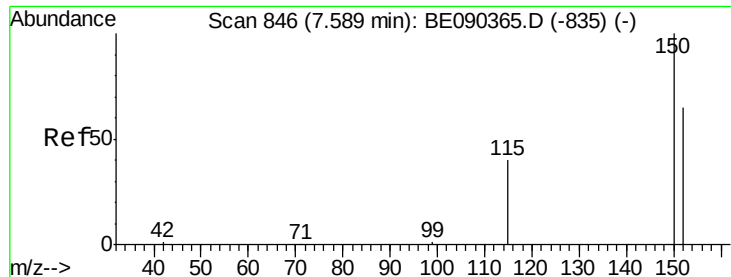
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090482.D
Acq On : 13 Aug 2015 00:11
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Sample : G3251-03
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 01:22:58 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

Instrument :

BNA_E

ClientSampleId :

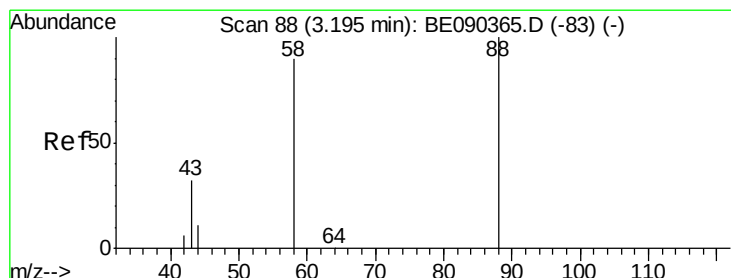
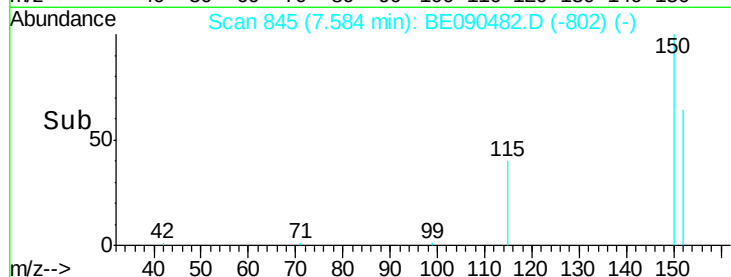
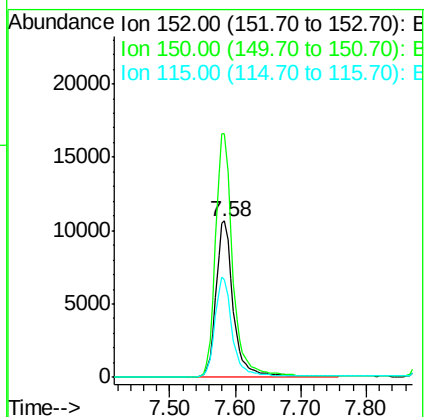
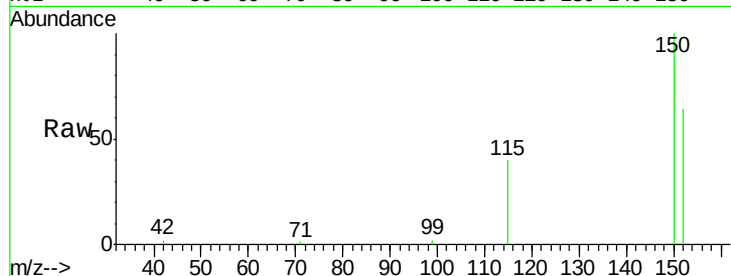
Tot Ion:152 Resp: 19347

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

115 62.8 48.9 73.3



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.28 min Scan# 101

Delta R.T. 0.09 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

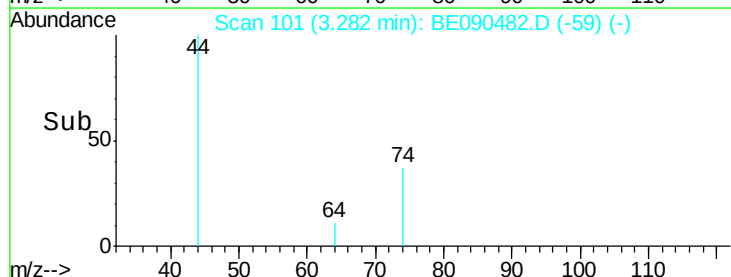
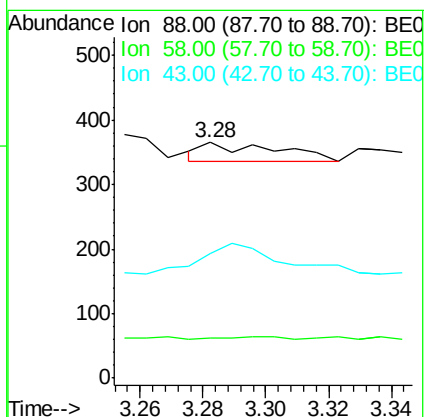
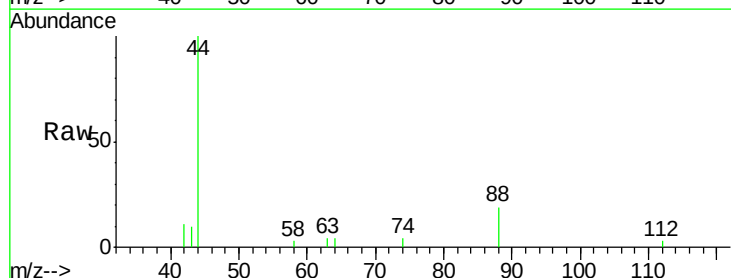
Tgt Ion: 88 Resp: 47

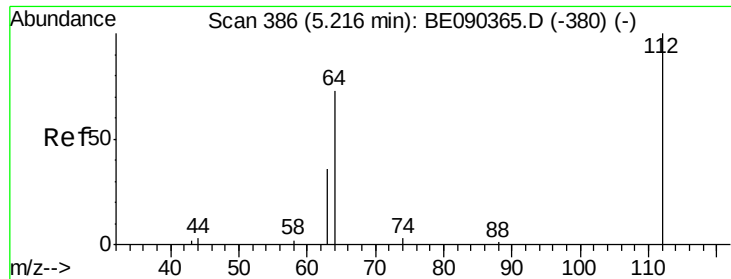
Ion Ratio Lower Upper

88 100

58 12.8 70.0 105.0#

43 217.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 3.99 ng

RT: 5.21 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

Instrument :

BNA_E

ClientSampleId :

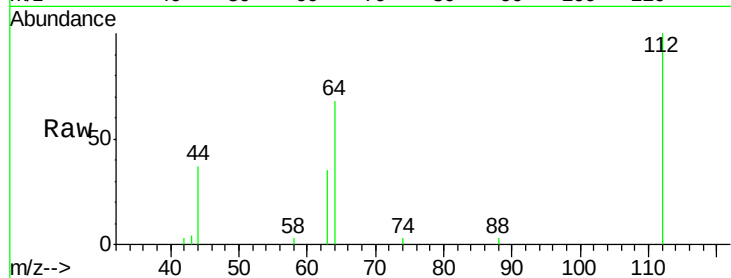
Tot Ion:112 Resp: 11575

Ion Ratio Lower Upper

112 100

64 71.6 37.1 55.7#

63 36.5 19.5 29.3#

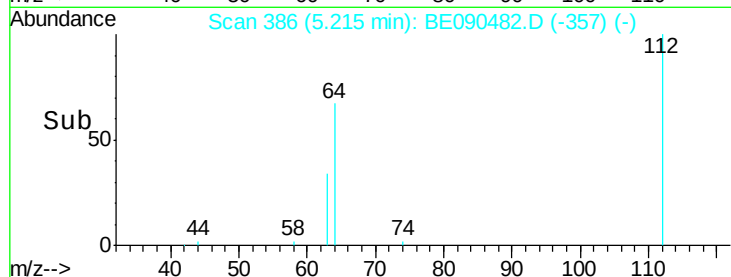


Abundance Ion 112.00 (111.70 to 112.70): BE090482.D (-357) (-)

Ion 64.00 (63.70 to 64.70): BE090482.D (-357) (-)

Ion 63.00 (62.70 to 63.70): BE090482.D (-357) (-)

Time-->



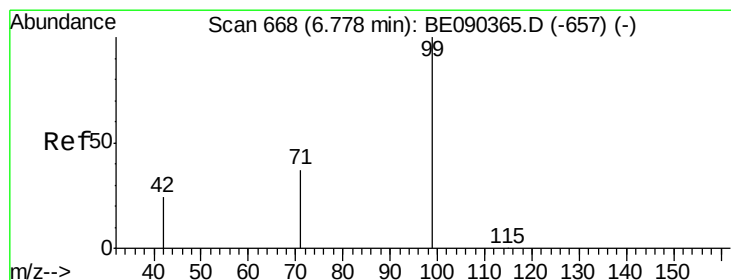
Abundance

Ion 112.00 (111.70 to 112.70): BE090482.D (-357) (-)

Ion 64.00 (63.70 to 64.70): BE090482.D (-357) (-)

Ion 63.00 (62.70 to 63.70): BE090482.D (-357) (-)

Time-->



#5

Phenol-d6

Concen: 1.95 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

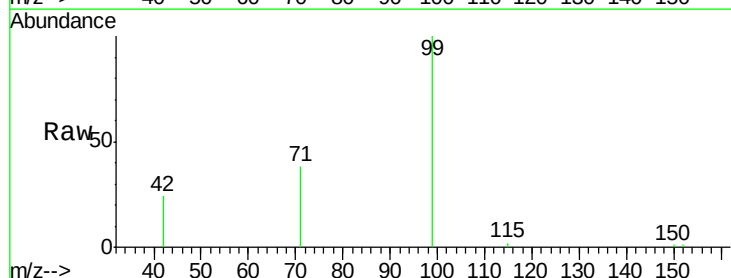
Tgt Ion: 99 Resp: 11088

Ion Ratio Lower Upper

99 100

42 22.3 18.2 27.4

71 36.1 27.4 41.0

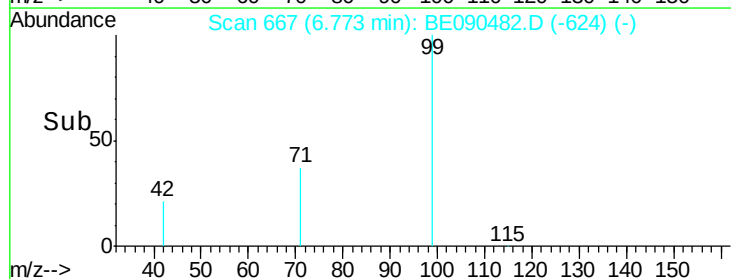


Abundance Ion 99.00 (98.70 to 99.70): BE090482.D (-624) (-)

Ion 42.00 (41.70 to 42.70): BE090482.D (-624) (-)

Ion 71.00 (70.70 to 71.70): BE090482.D (-624) (-)

Time-->



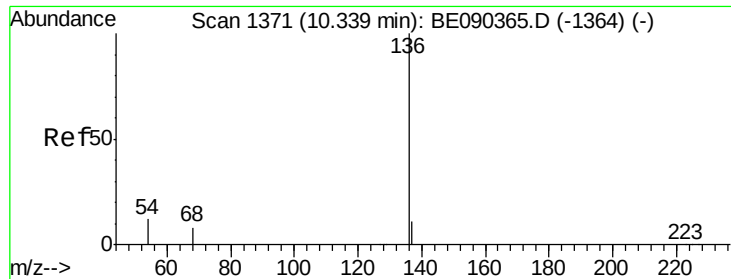
Abundance

Ion 99.00 (98.70 to 99.70): BE090482.D (-624) (-)

Ion 42.00 (41.70 to 42.70): BE090482.D (-624) (-)

Ion 71.00 (70.70 to 71.70): BE090482.D (-624) (-)

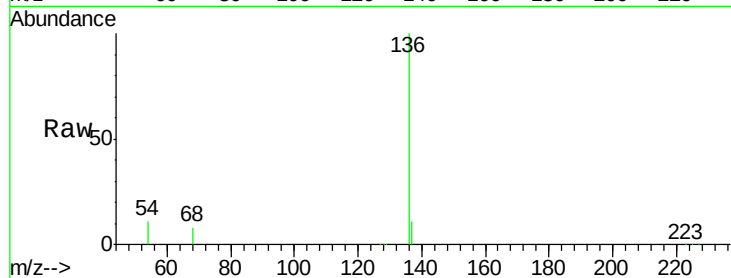
Time-->



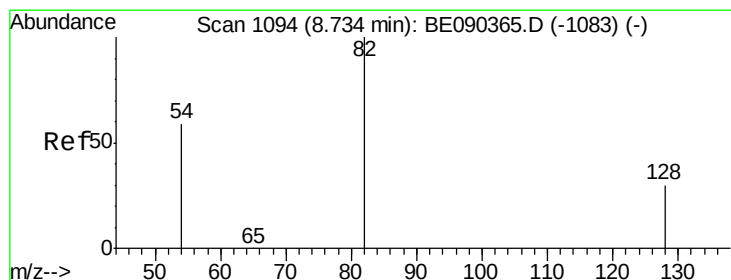
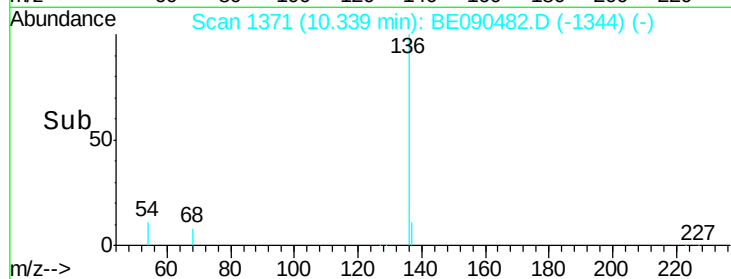
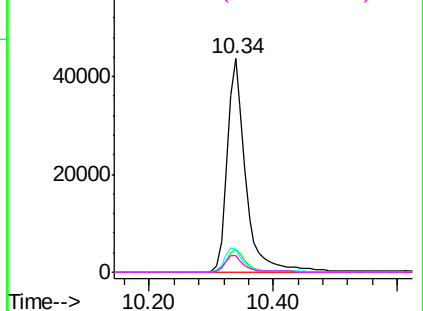
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090482.D
Acq: 13 Aug 2015 00:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:136	Resp: 90251
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 10.9	9.4 14.0
68 7.9	6.5 9.7

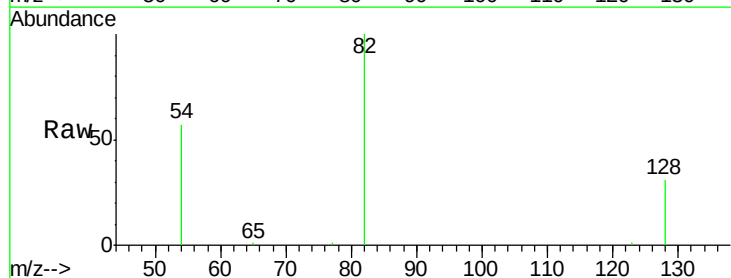


Abundance Ion 136.00 (135.70 to 136.70): BE090482.D (-1364) (-)
Ion 137.00 (136.70 to 137.70): BE090482.D (-1364) (-)
Ion 54.00 (53.70 to 54.70): BE090482.D (-1364) (-)
Ion 68.00 (67.70 to 68.70): BE090482.D (-1364) (-)

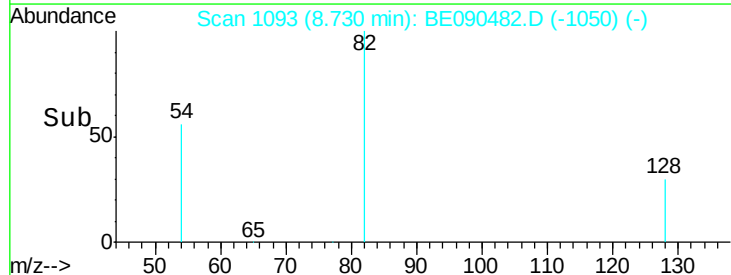
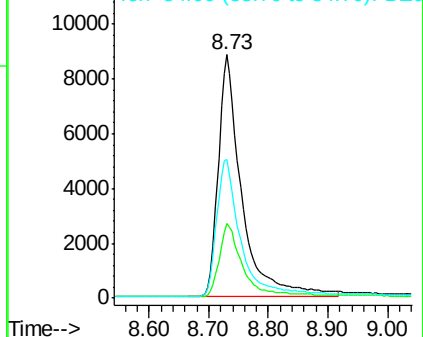


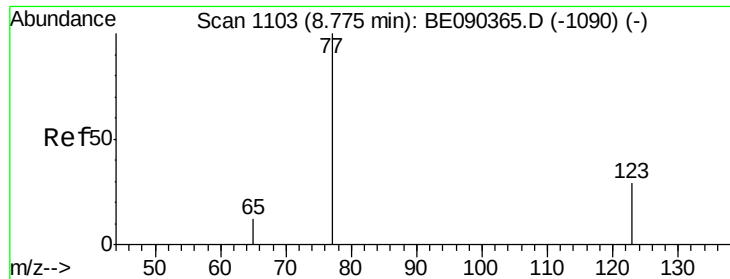
#7
Nitrobenzene-d5
Concen: 3.36 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090482.D
Acq: 13 Aug 2015 00:11

Tgt Ion: 82	Resp: 24166
Ion Ratio	Lower Upper
82 100	
128 30.5	25.0 37.6
54 56.7	48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE090482.D (-1083) (-)
Ion 128.00 (127.70 to 128.70): BE090482.D (-1083) (-)
Ion 54.00 (53.70 to 54.70): BE090482.D (-1083) (-)





#8

Nitrobenzene

Concen: 0.21 ng

RT: 8.79 min Scan# 1107

Delta R.T. 0.02 min

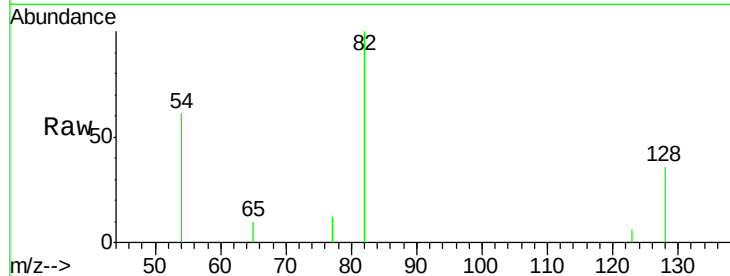
Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

Instrument :

BNA_E

ClientSampled :



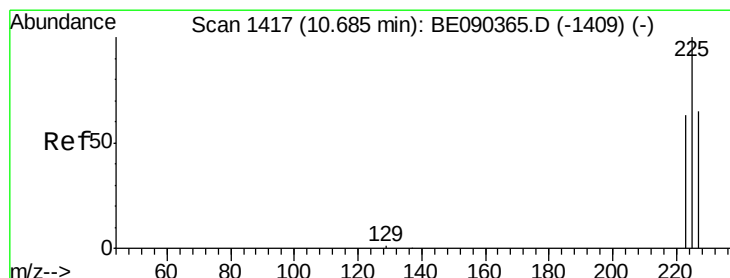
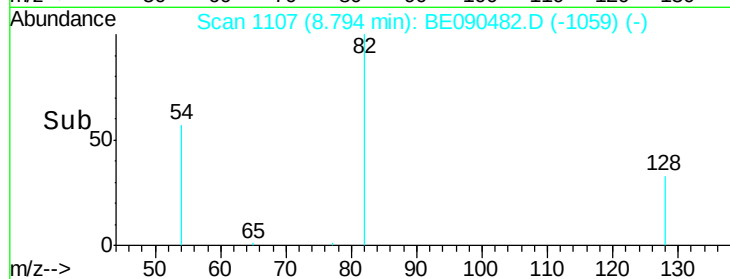
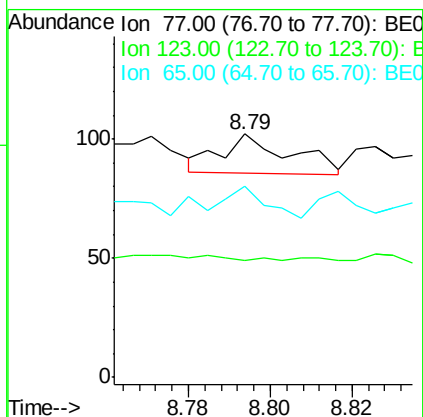
Tot Ion: 77 Resp: 19

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

65 57.9 9.3 13.9#



#10

Hexachlorobutadiene

Concen: Below Cal

RT: 10.70 min Scan# 1419

Delta R.T. 0.02 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

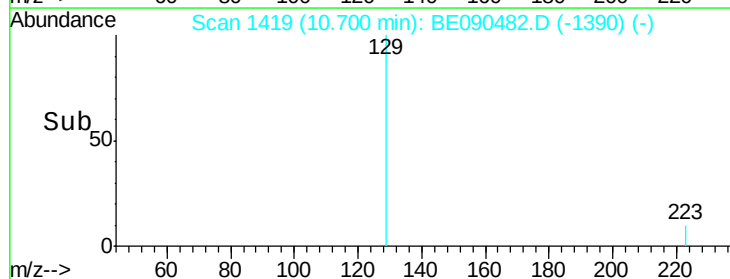
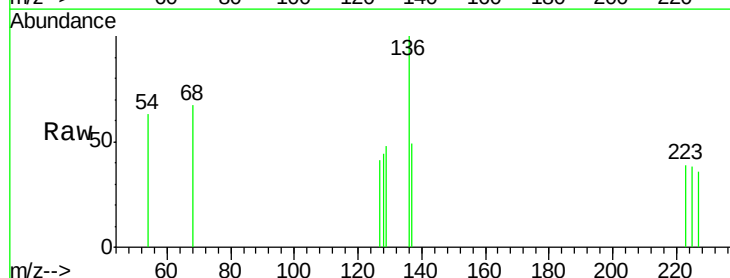
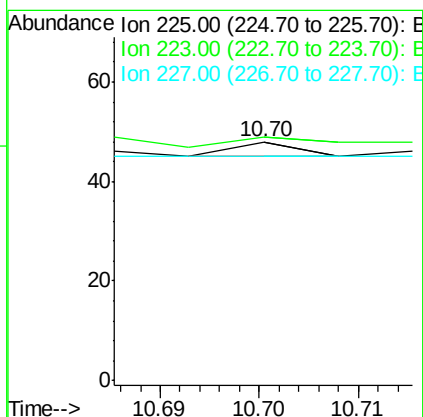
Tgt Ion: 225 Resp: 1

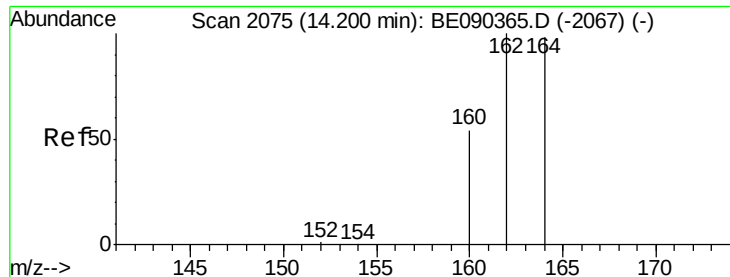
Ion Ratio Lower Upper

225 100

223 0.0 50.6 75.8#

227 0.0 50.7 76.1#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

Instrument :

BNA_E

ClientSampleId :

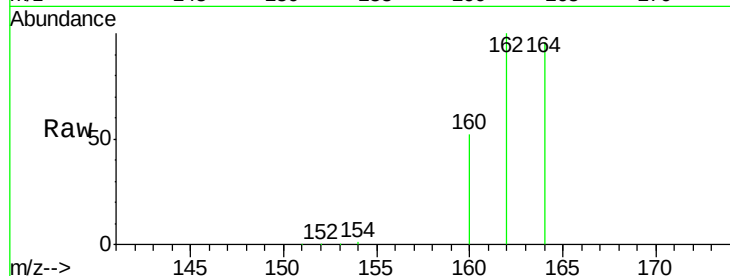
Tot Ion:164 Resp: 53418

Ion Ratio Lower Upper

164 100

162 104.2 81.8 122.8

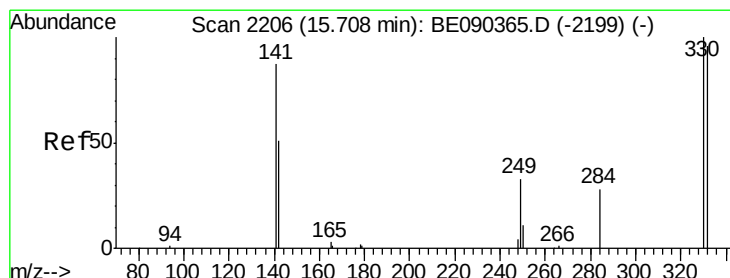
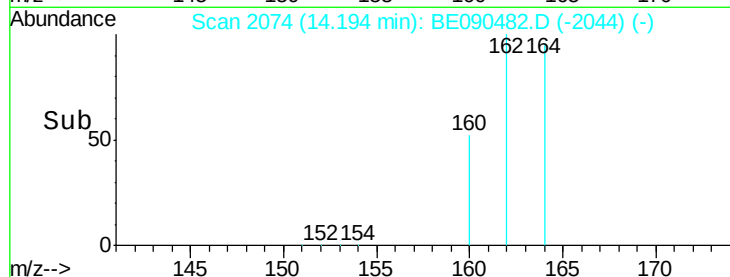
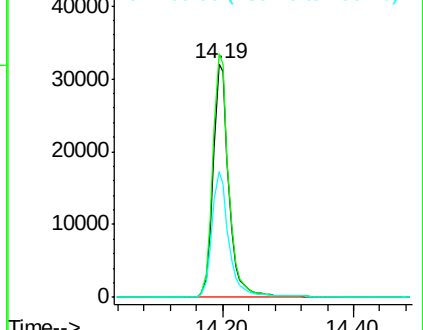
160 54.1 44.2 66.4



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: 7.51 ng

RT: 15.71 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

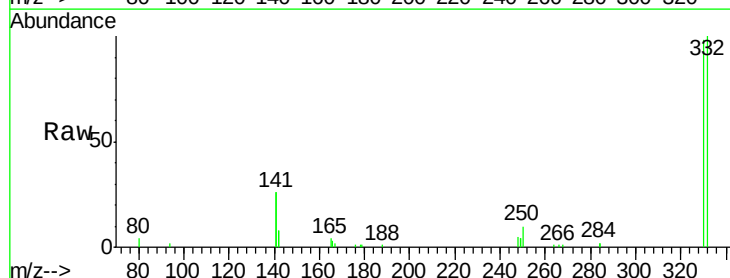
Tgt Ion:330 Resp: 11901

Ion Ratio Lower Upper

330 100

332 97.8 75.8 113.6

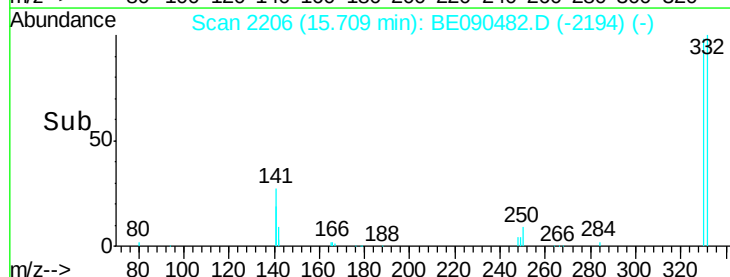
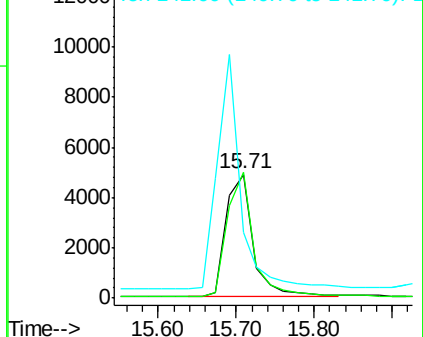
141 161.7 114.4 171.6

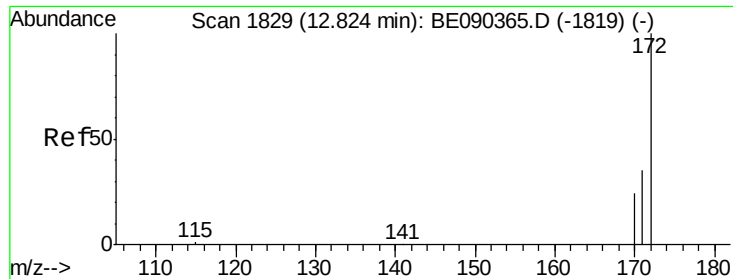


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

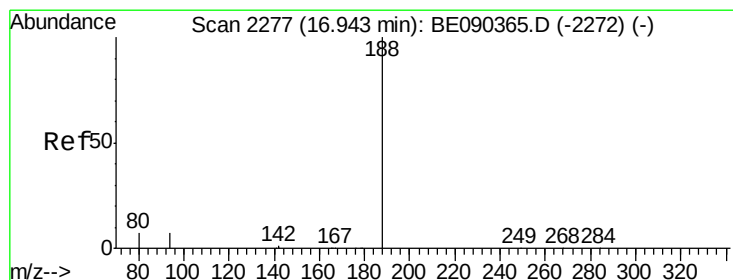
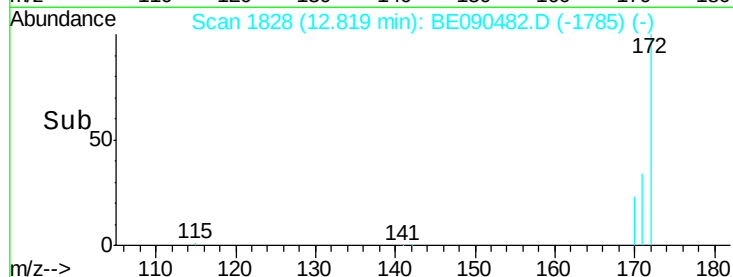
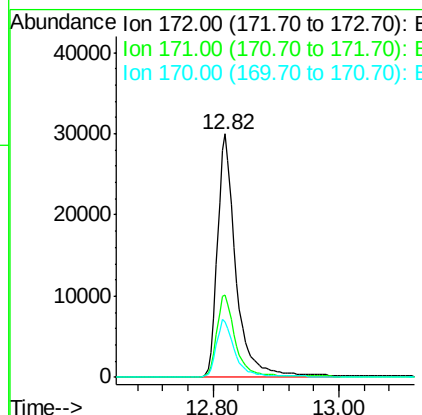
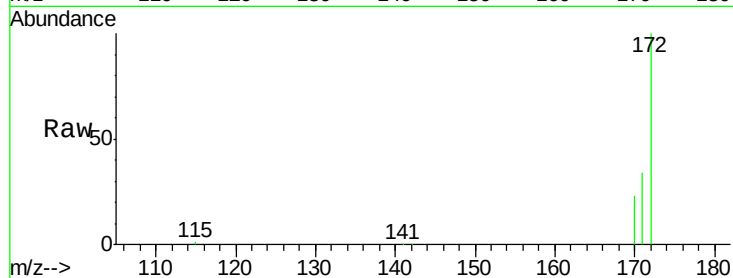




#14
2-Fluorobiphenyl
Concen: 4.13 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090482.D
Acq: 13 Aug 2015 00:11

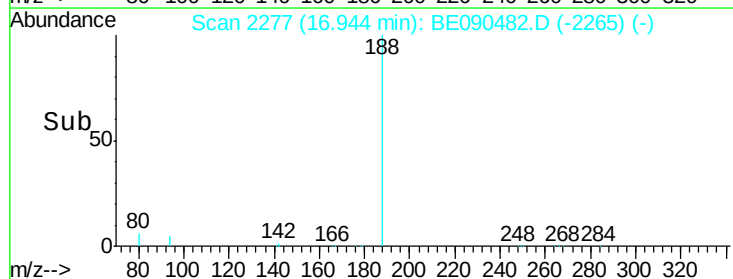
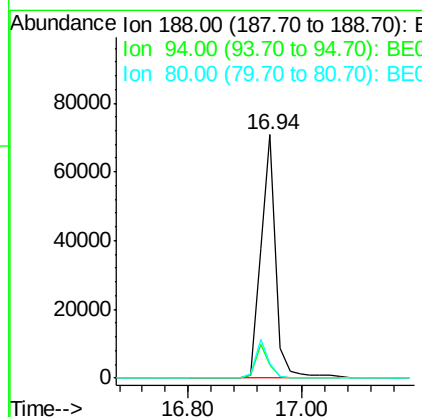
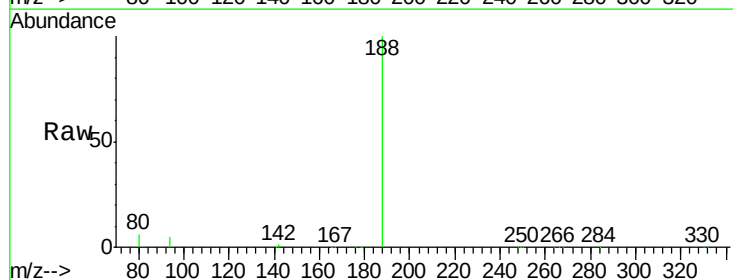
Instrument :
BNA_E
ClientSampleId :

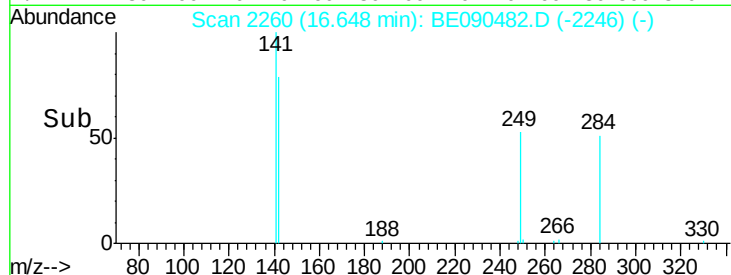
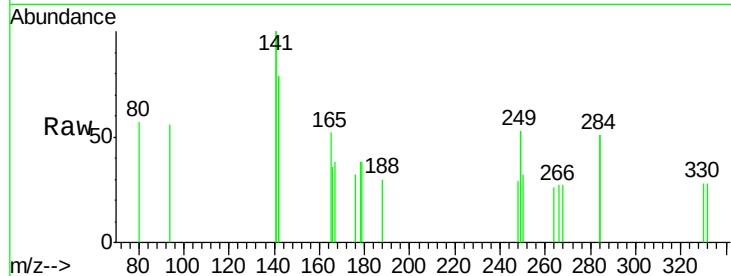
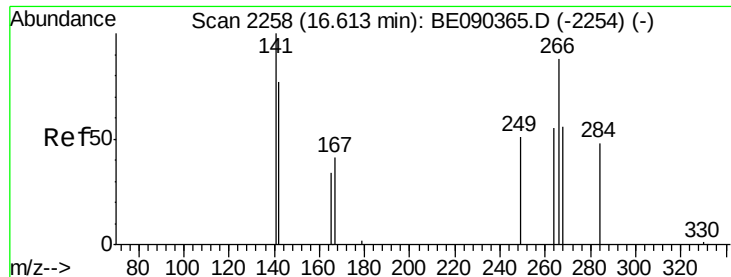
Tot Ion:172 Resp: 60723
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 22.8 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090482.D
Acq: 13 Aug 2015 00:11

Tgt Ion:188 Resp: 128752
Ion Ratio Lower Upper
188 100
94 5.5 5.7 8.5#
80 5.9 5.8 8.8

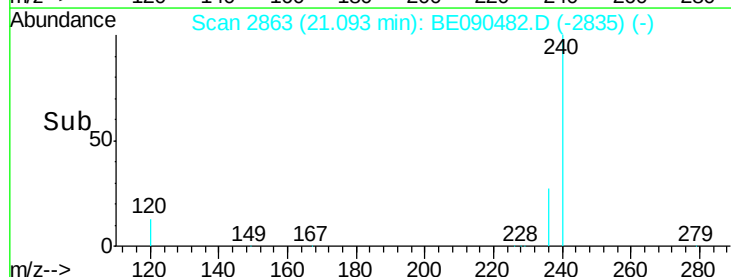
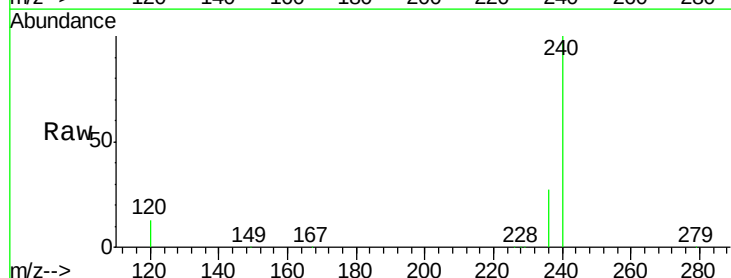
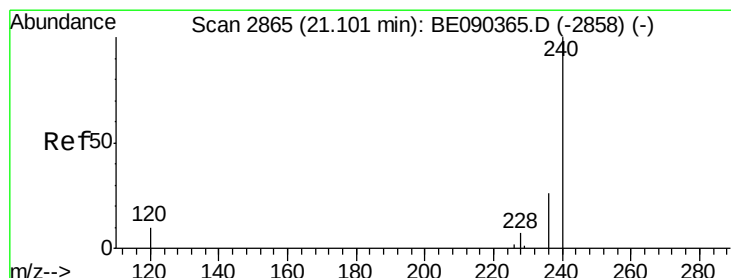
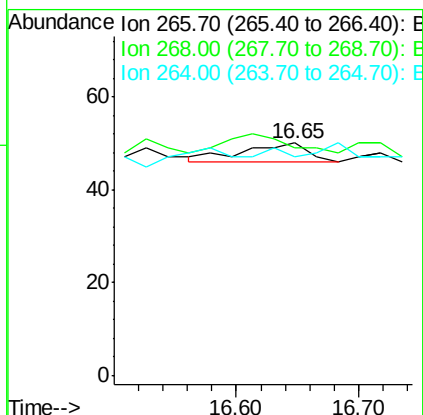




#21
Pentachlorophenol
Concen: 0.11 ng
RT: 16.65 min Scan# 2260
Delta R.T. 0.04 min
Lab File: BE090482.D
Acq: 13 Aug 2015 00:11

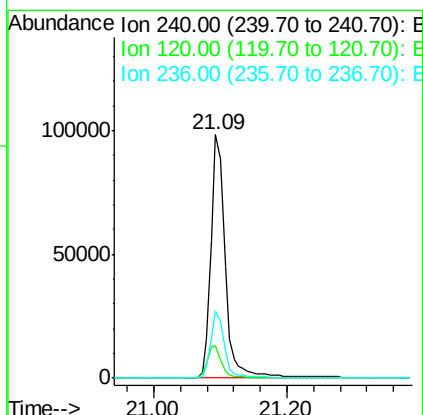
Instrument :
BNA_E
ClientSampled :

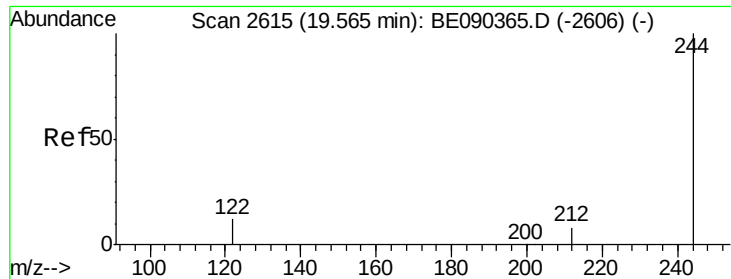
Tot Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
268 98.0 58.5 87.7#
264 94.0 56.0 84.0#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE090482.D
Acq: 13 Aug 2015 00:11

Tgt Ion:240 Resp: 145289
Ion Ratio Lower Upper
240 100
120 13.2 8.3 12.5#
236 27.4 21.0 31.4

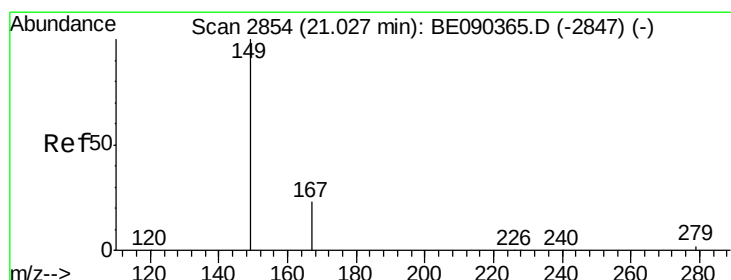
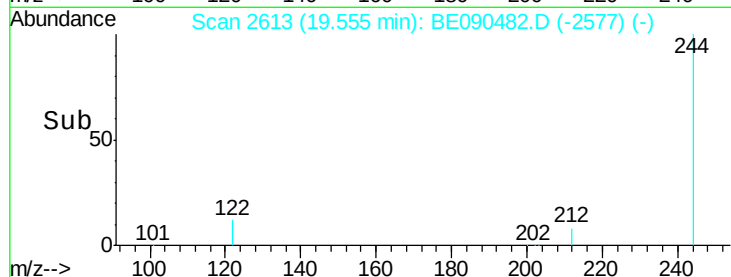
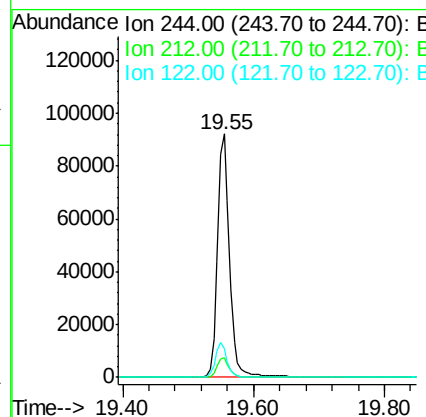
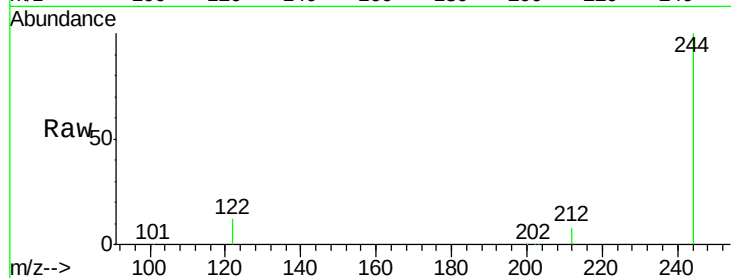




#27
 Terphenyl-d14
 Concen: 5.56 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090482.D
 Acq: 13 Aug 2015 00:11

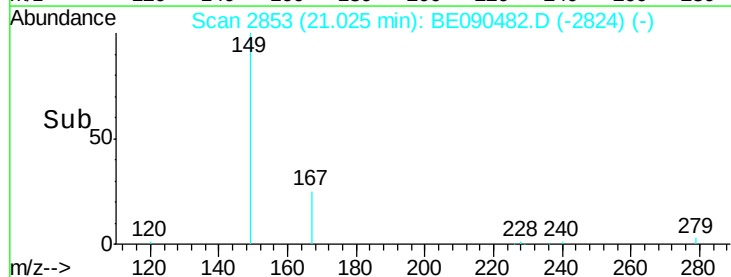
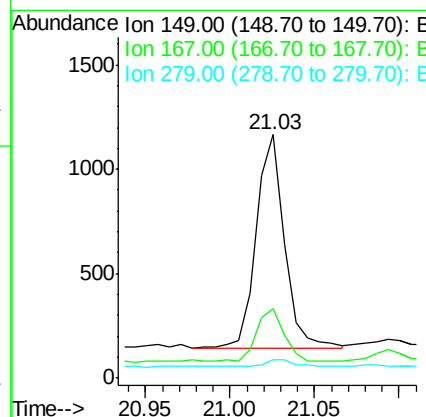
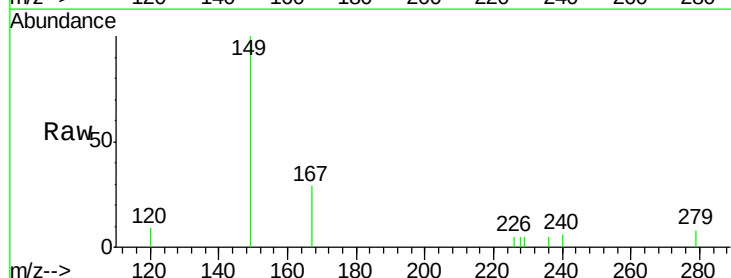
Instrument :
 BNA_E
 ClientSampleId :

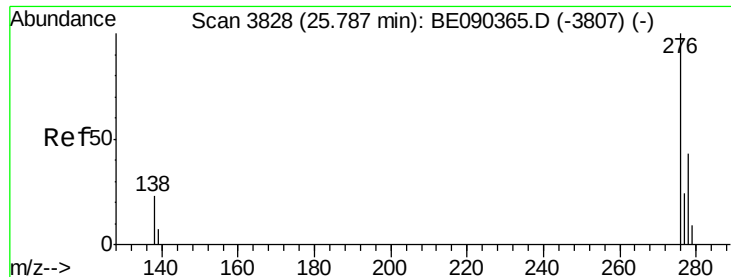
Tot Ion:244 Resp: 119015
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 12.0 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.26 ng
 RT: 21.03 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BE090482.D
 Acq: 13 Aug 2015 00:11

Tgt Ion:149 Resp: 1183
 Ion Ratio Lower Upper
 149 100
 167 24.2 19.8 29.8
 279 4.1 2.4 3.6#

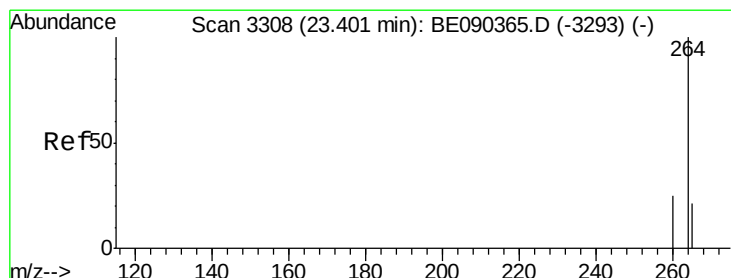
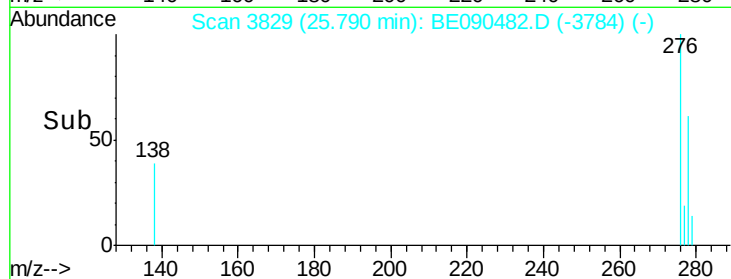
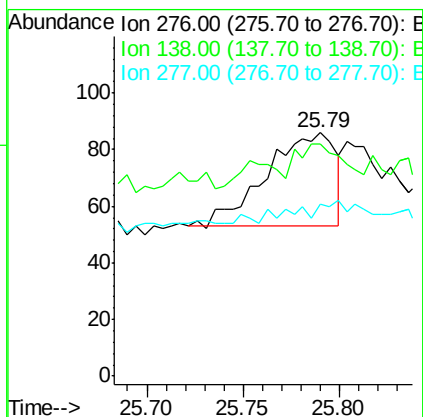
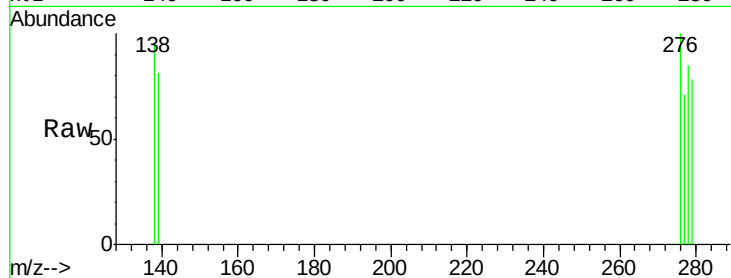




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.25 ng
 RT: 25.79 min Scan# 3829
 Delta R.T. 0.00 min
 Lab File: BE090482.D
 Acq: 13 Aug 2015 00:11

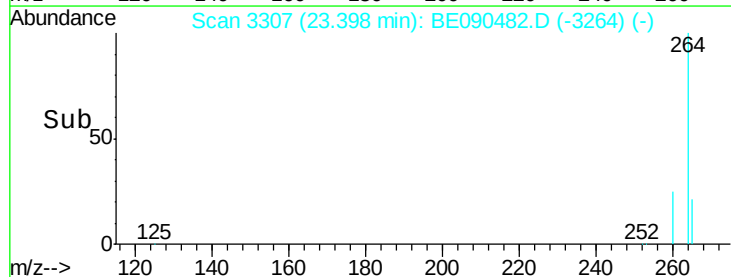
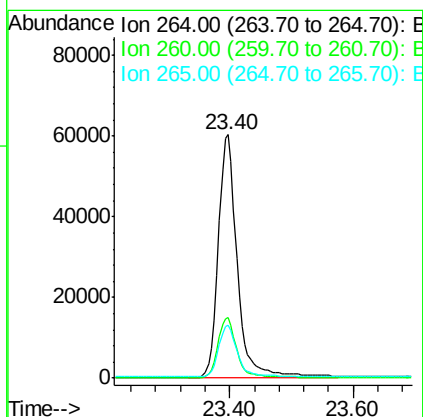
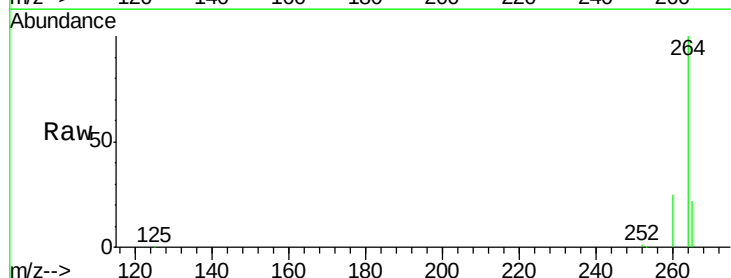
Instrument :
 BNA_E
 ClientSampleId :

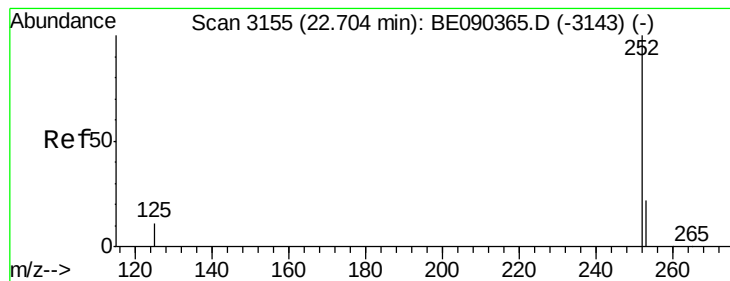
Tot Ion:276 Resp: 82
 Ion Ratio Lower Upper
 276 100
 138 31.7 18.8 28.2#
 277 22.0 18.2 27.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090482.D
 Acq: 13 Aug 2015 00:11

Tgt Ion:264 Resp: 129682
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 21.8 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.71 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

Instrument :

BNA_E

ClientSampleId :

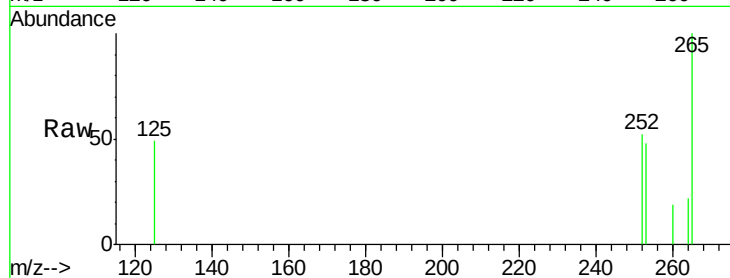
Tot Ion:252 Resp: 77

Ion Ratio Lower Upper

252 100

253 93.1 18.1 27.1#

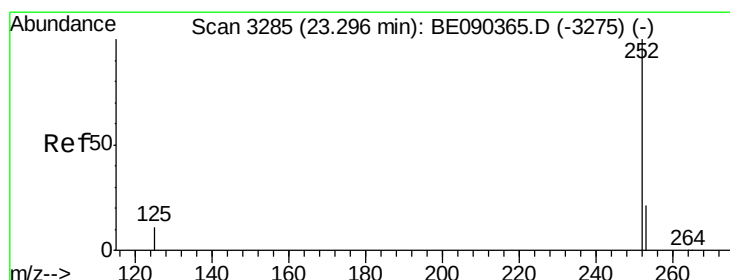
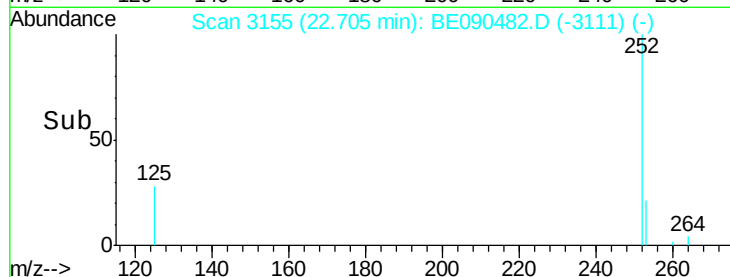
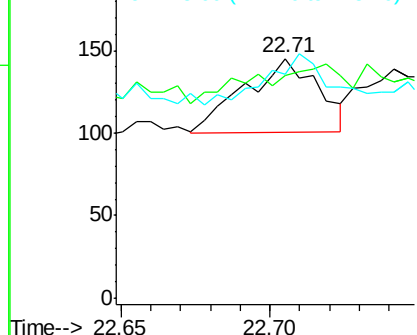
125 93.8 9.4 14.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.29 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

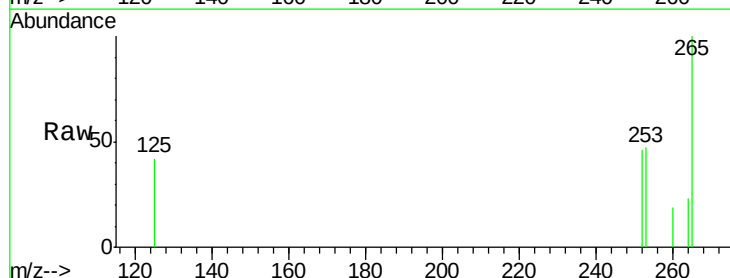
Tgt Ion:252 Resp: 110

Ion Ratio Lower Upper

252 100

253 102.2 17.6 26.4#

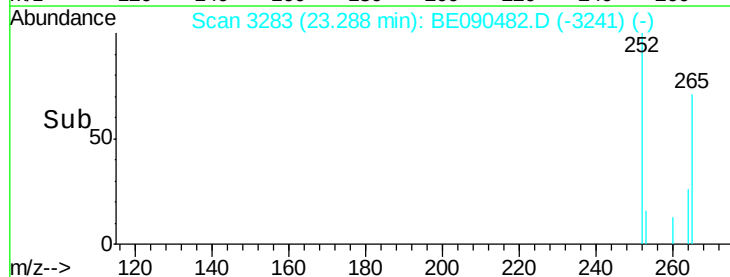
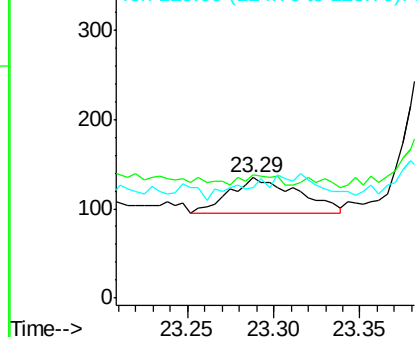
125 91.9 9.8 14.6#

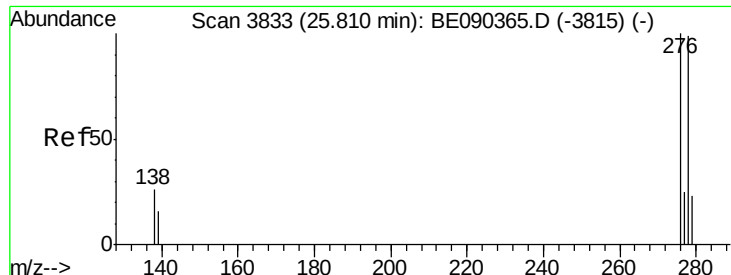


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.80 min Scan# 3832

Delta R.T. -0.01 min

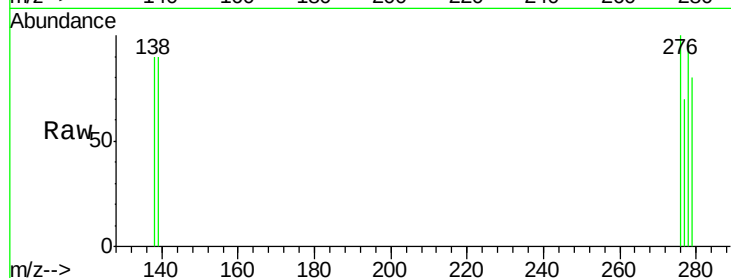
Lab File: BE090482.D

Acq: 13 Aug 2015 00:11

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 278 Resp: 38

Ion Ratio Lower Upper

278 100

139 93.8 14.2 21.4#

279 82.5 20.1 30.1#

