

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
 Data File : BE090955.D
 Acq On : 23 Sep 2015 18:45
 Operator : UM/IZ
 Sample : G3651-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043032

Quant Time: Sep 24 01:14:36 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	29700	5.00	ng	0.00
7) Naphthalene-d8	10.32	136	128732	5.00	ng	0.02
13) Acenaphthene-d10	14.17	164	78432	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	174196	5.00	ng	0.00
26) Chrysene-d12	21.07	240	222001	5.00	ng	0.00
33) Perylene-d12	23.35	264	195163	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	16834	2.50	ng	0.00
5) Phenol-d6	6.82	99	8265	0.89	ng	0.07
8) Nitrobenzene-d5	8.73	82	30601	3.45	ng	0.03
14) 2,4,6-Tribromophenol	15.69	330	19218	6.94	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	85160	3.83	ng	0.00
28) Terphenyl-d14	19.53	244	151742	6.06	ng	0.00

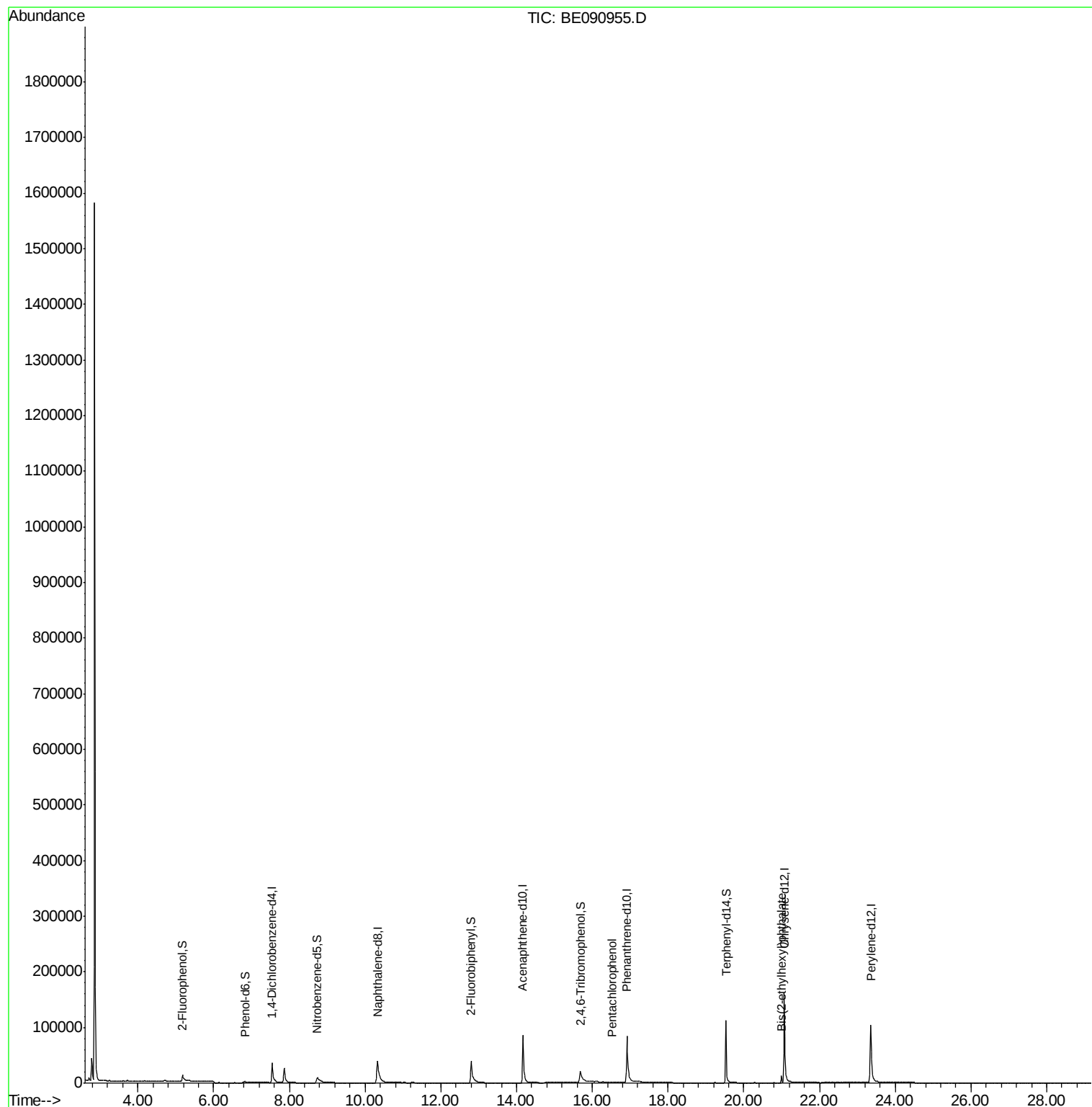
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	28	Below Cal	#	39
3) n-Nitrosodimethylamine	3.45	42	30	Below Cal	#	6
6) bis(2-Chloroethyl)ether	6.95	93	18	Below Cal	#	42
10) Naphthalene	10.37	128	150	Below Cal	#	1
11) Hexachlorobutadiene	10.69	225	3	Below Cal	#	1
18) Fluorene	15.24	166	90	Below Cal	#	6
21) Hexachlorobenzene	16.25	284	48	Below Cal	#	1
22) Pentachlorophenol	16.53	266	6	0.18 ng	#	56
23) Phenanthrene	16.96	178	423	Below Cal	#	71
30) Chrysene	21.10	228	844	Below Cal	#	73
31) Bis(2-ethylhexyl)phthalate	20.99	149	12203	0.64 ng		99

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

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QLast Update : Fri Sep 18 18:17:34 2015
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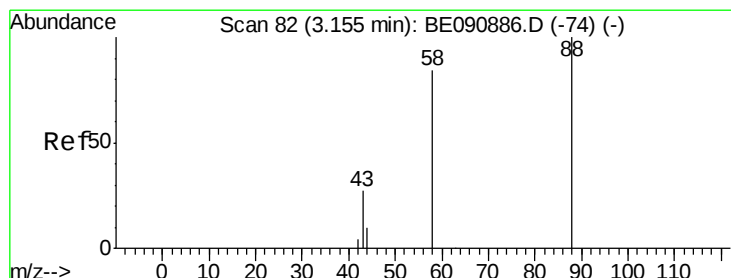
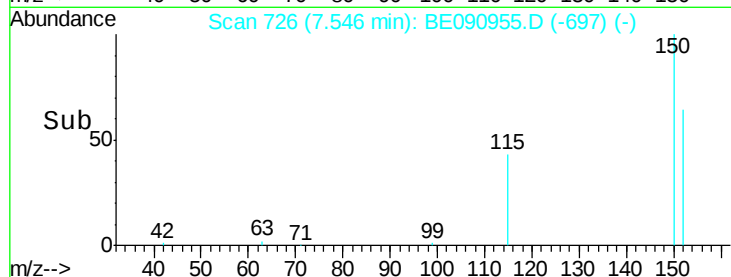
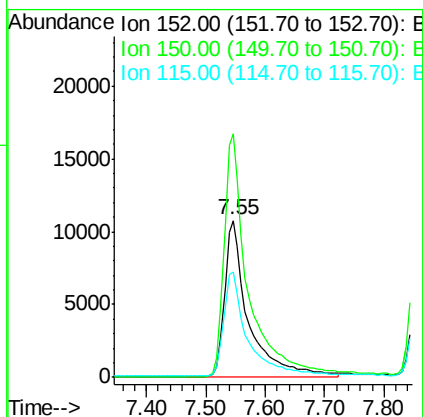
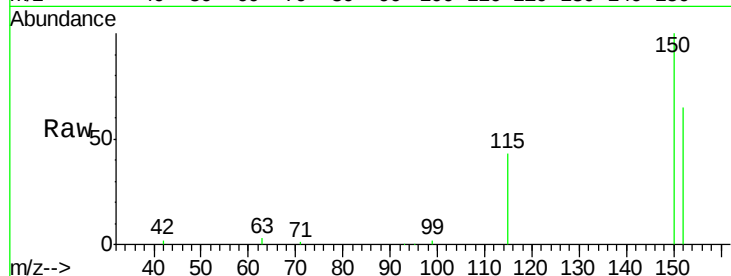


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090955.D
Acq: 23 Sep 2015 18:45

Instrument :
BNA_E
ClientSampleId :
CPS043032

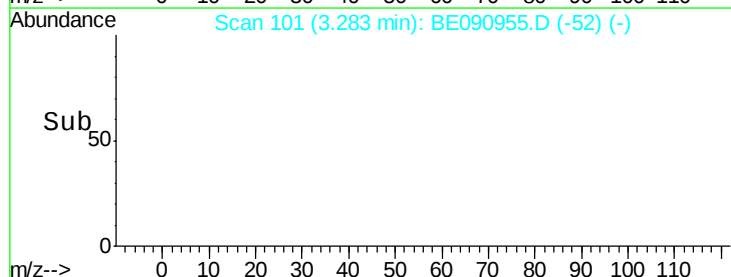
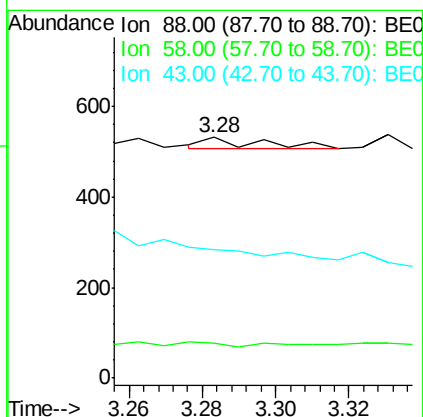
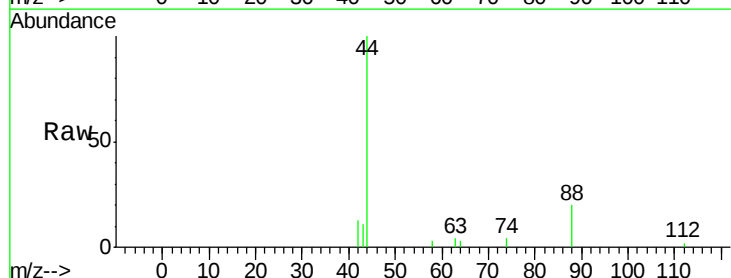
Tot Ion:152 Resp: 29700
Ion Ratio Lower Upper
152 100
150 155.0 122.2 183.4
115 66.9 51.0 76.4



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 101
Delta R.T. 0.13 min
Lab File: BE090955.D
Acq: 23 Sep 2015 18:45

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
58 28.6 68.4 102.6#
43 0.0 26.9 40.3#



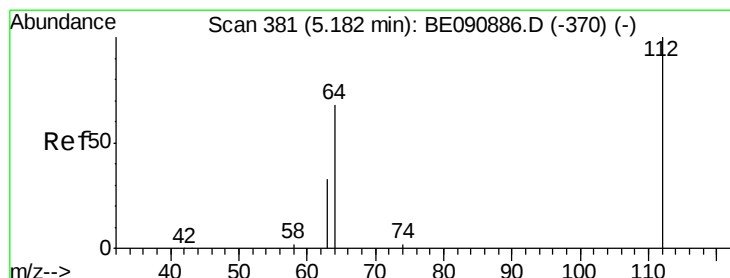
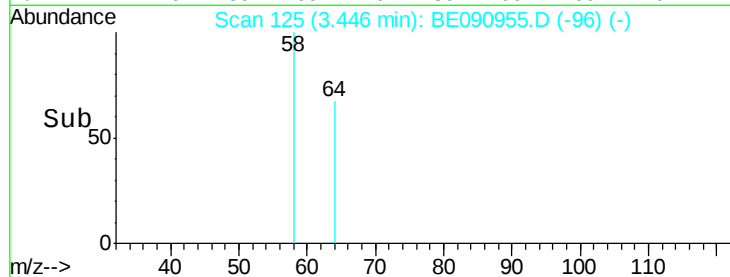
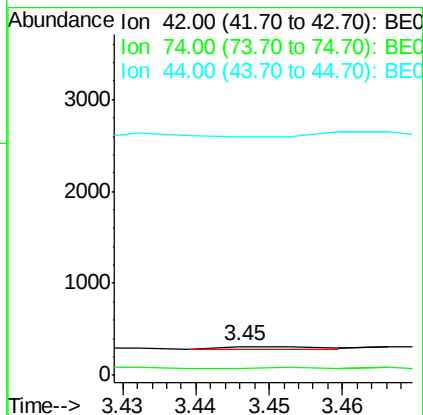
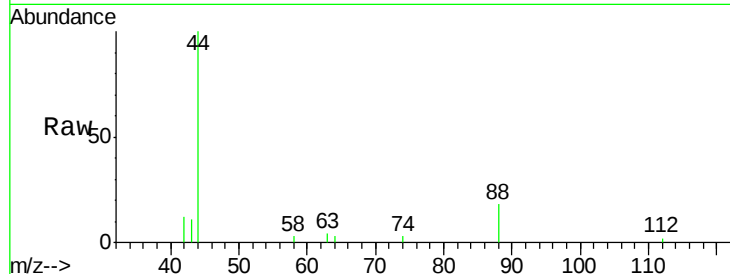


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090955.D
 Acq: 23 Sep 2015 18:45

Instrument :
 BNA_E
 ClientSampleId :
 CPS043032

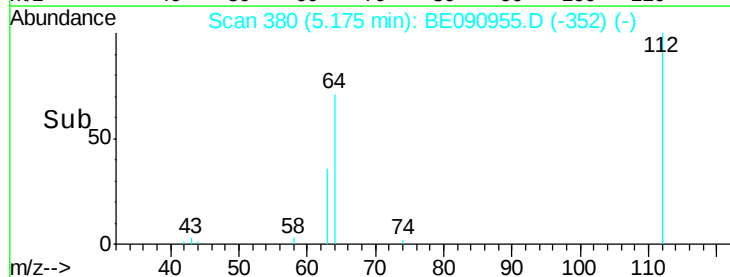
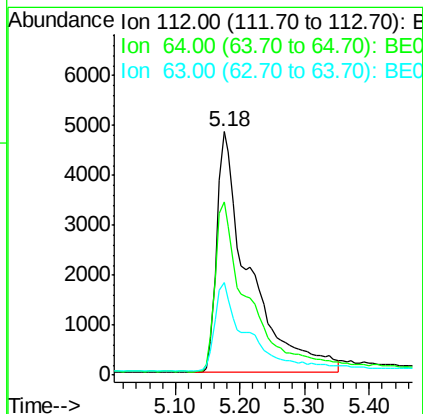
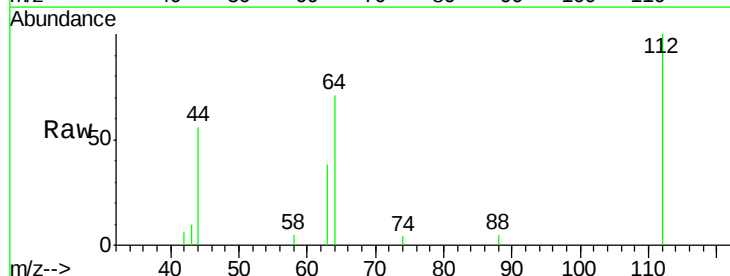
Tot Ion: 42 Resp: 30
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#

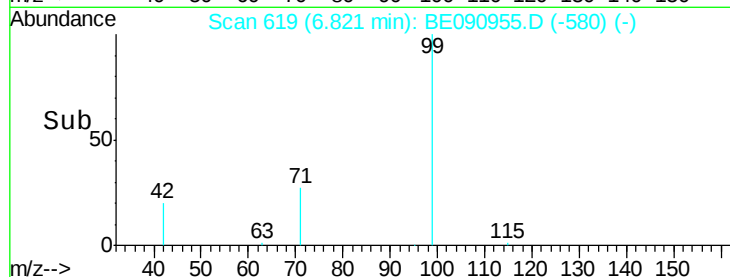
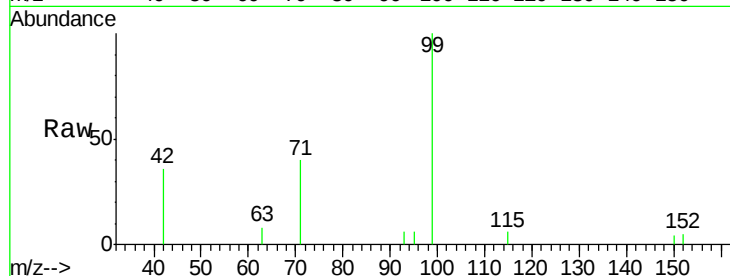
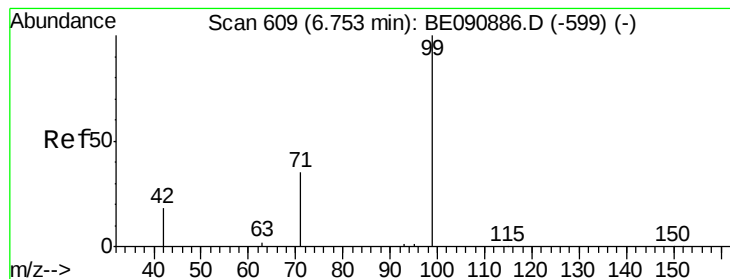


#4

2-Fluorophenol
 Concen: 2.50 ng
 RT: 5.18 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BE090955.D
 Acq: 23 Sep 2015 18:45

Tgt Ion: 112 Resp: 16834
 Ion Ratio Lower Upper
 112 100
 64 71.6 57.3 85.9
 63 36.7 29.2 43.8





#5

Phenol-d6

Concen: 0.89 ng

RT: 6.82 min Scan# 619

Delta R.T. 0.07 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

Instrument :

BNA_E

ClientSampleId :

CPS043032

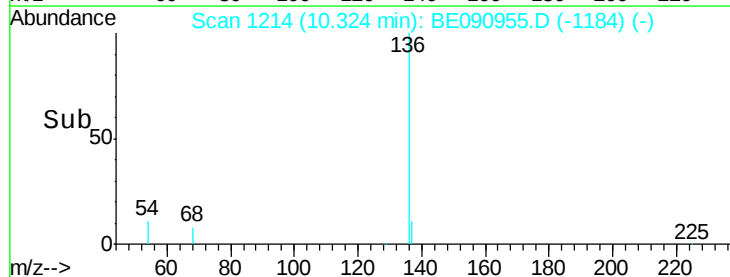
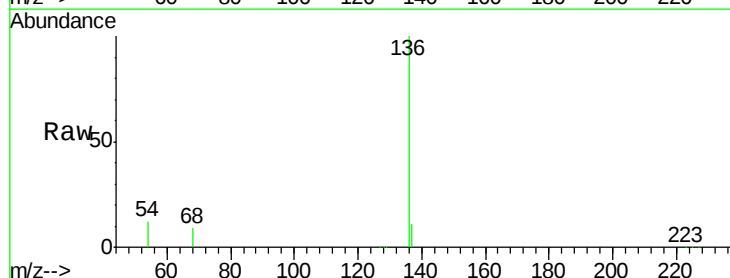
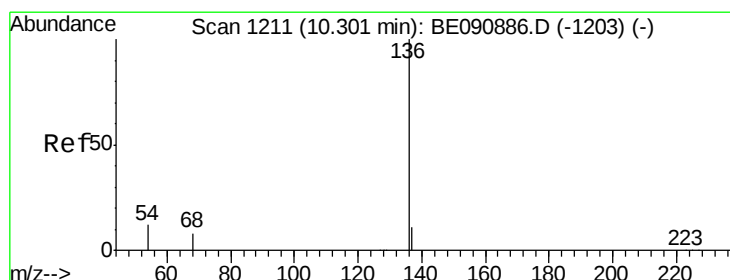
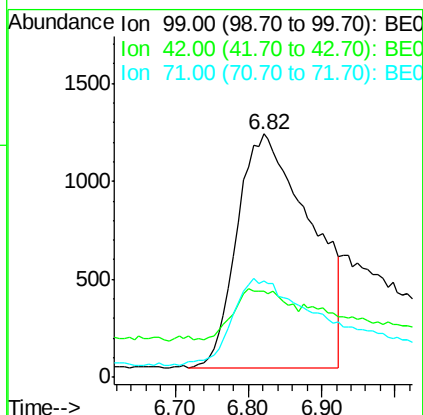
Tot Ion: 99 Resp: 8265

Ion Ratio Lower Upper

99 100

42 0.0 16.8 25.2#

71 0.0 28.3 42.5#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.32 min Scan# 1214

Delta R.T. 0.02 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

Tgt Ion: 136 Resp: 128732

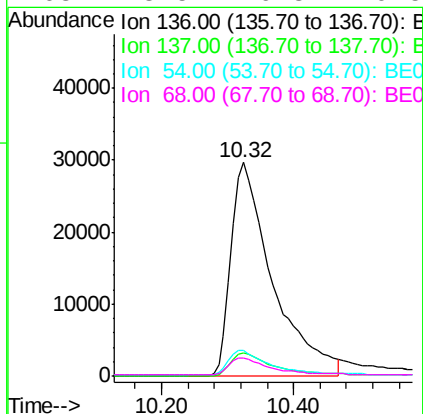
Ion Ratio Lower Upper

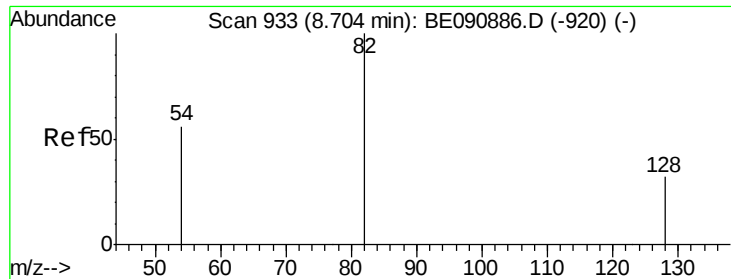
136 100

137 11.0 8.7 13.1

54 11.8 9.0 13.6

68 8.5 6.3 9.5

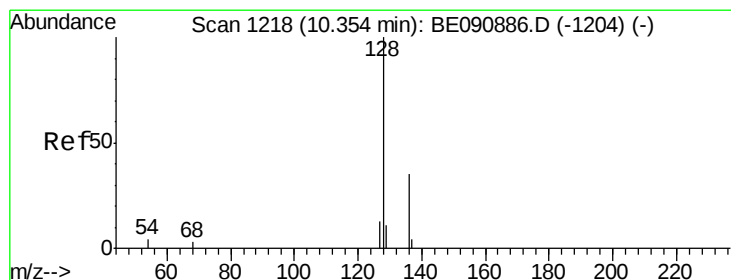
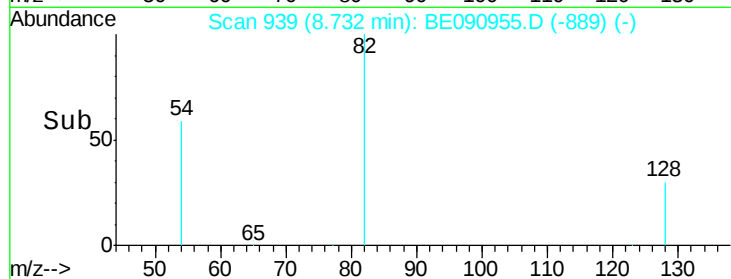
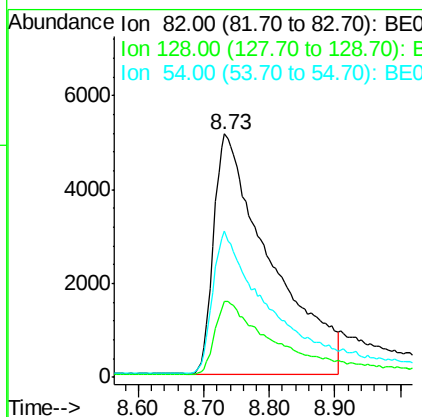
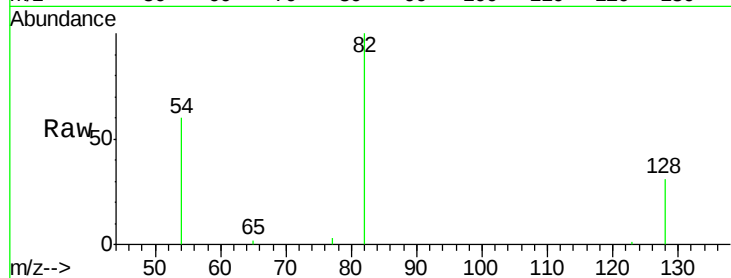




#8
 Nitrobenzene-d5
 Concen: 3.45 na
 RT: 8.73 min Scan# 939
 Delta R.T. 0.03 min
 Lab File: BE090955.D
 Acq: 23 Sep 2015 18:45

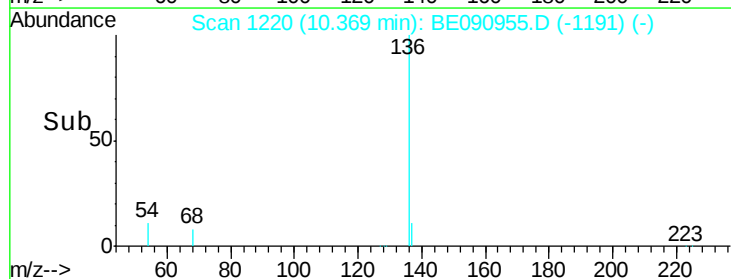
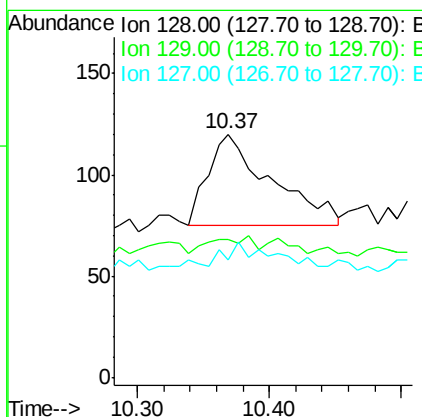
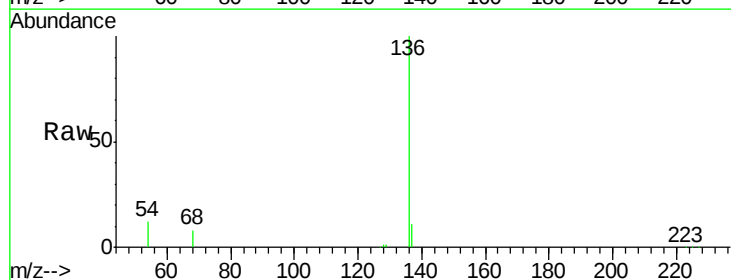
Instrument :
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 ClientSampleId :
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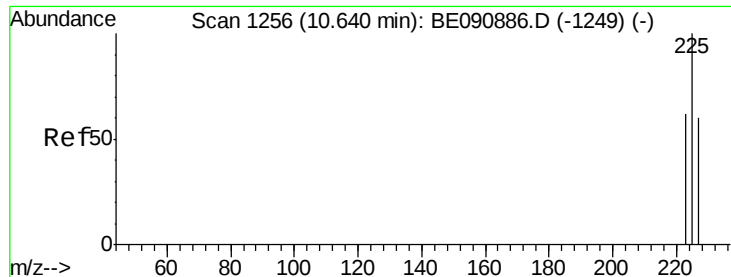
Tot Ion: 82 Resp: 30601
 Ion Ratio Lower Upper
 82 100
 128 30.9 25.0 37.4
 54 60.3 46.3 69.5



#10
 Naphthalene
 Concen: Below Cal
 RT: 10.37 min Scan# 1220
 Delta R.T. 0.02 min
 Lab File: BE090955.D
 Acq: 23 Sep 2015 18:45

Tgt Ion: 128 Resp: 150
 Ion Ratio Lower Upper
 128 100
 129 56.7 8.4 12.6#
 127 48.3 9.9 14.9#

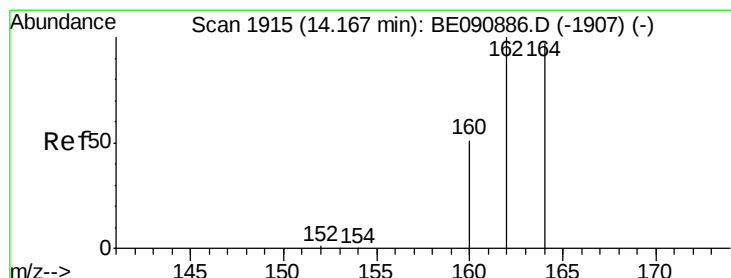
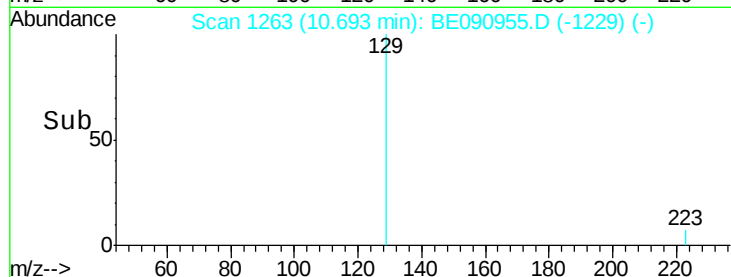
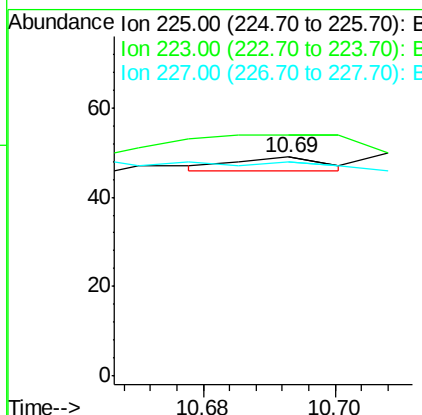
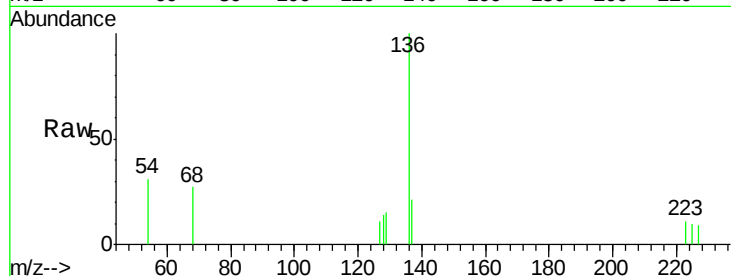




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.69 min Scan# 1263
Delta R.T. 0.05 min
Lab File: BE090955.D
Acq: 23 Sep 2015 18:45

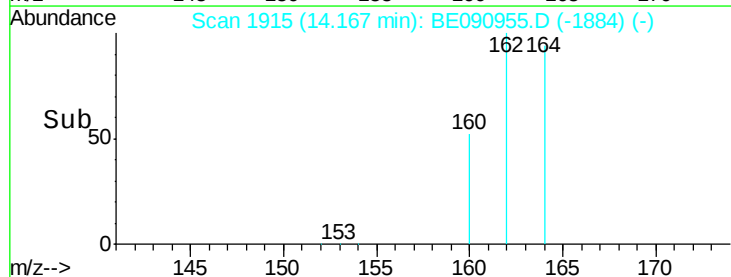
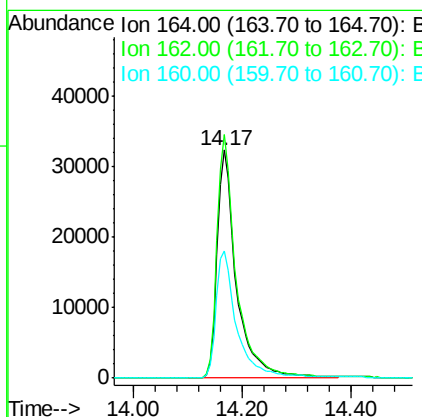
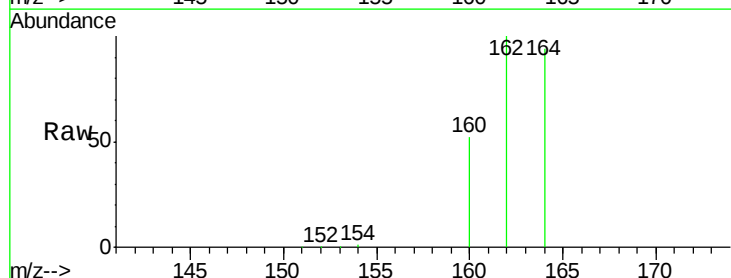
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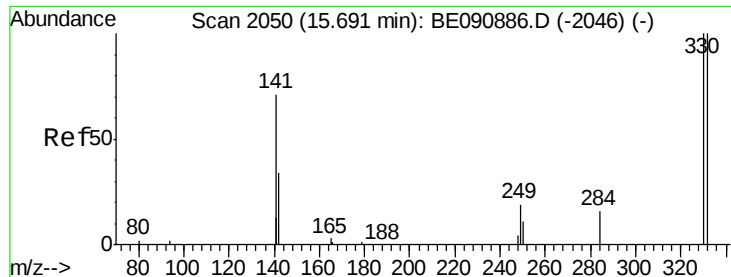
Tot Ion:225 Resp: 3
Ion Ratio Lower Upper
225 100
223 233.3 50.6 76.0#
227 0.0 51.0 76.6#



#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BE090955.D
Acq: 23 Sep 2015 18:45

Tgt Ion:164 Resp: 78432
Ion Ratio Lower Upper
164 100
162 106.8 86.8 130.2
160 55.7 53.9 80.9

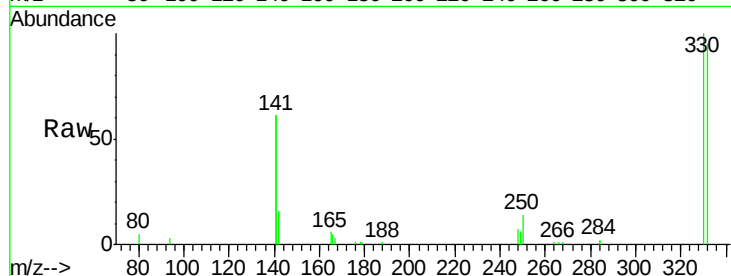




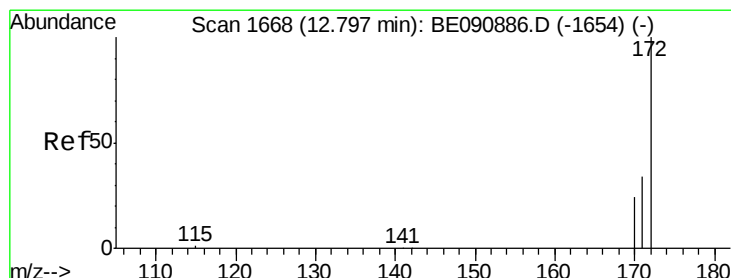
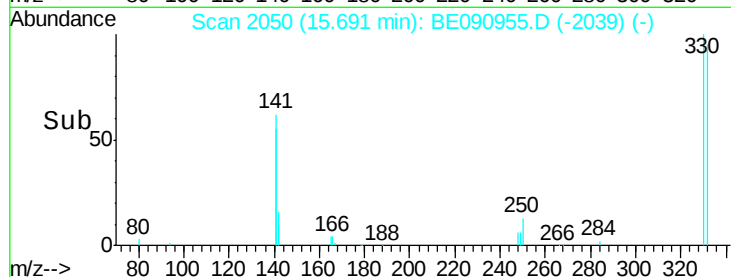
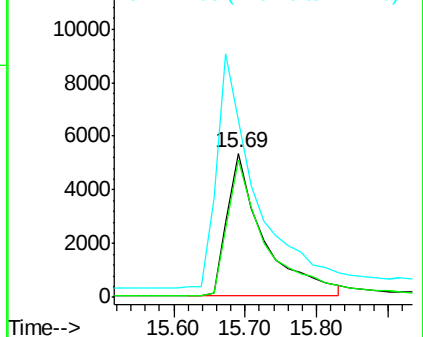
#14
 2,4,6-Tribromophenol
 Concen: 6.94 ng
 RT: 15.69 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BE090955.D
 Acq: 23 Sep 2015 18:45

Instrument :
 BNA_E
 ClientSampleId :
 CPS043032

Tot Ion:330 Resp: 19218
 Ion Ratio Lower Upper
 330 100
 332 97.0 74.9 112.3
 141 173.3 145.2 217.8

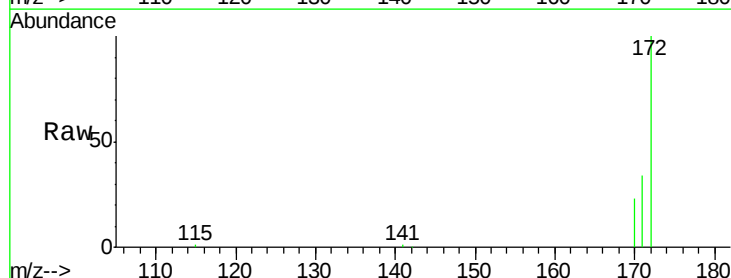


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

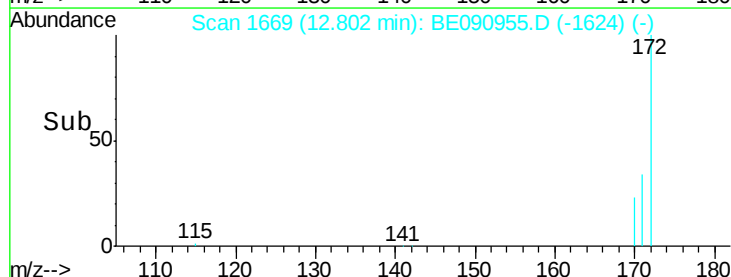
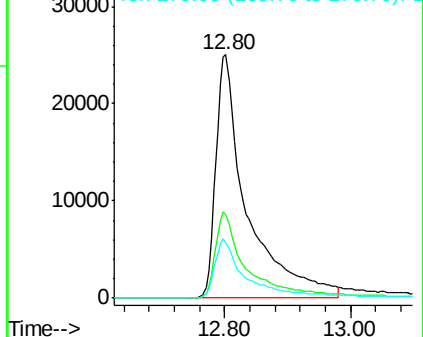


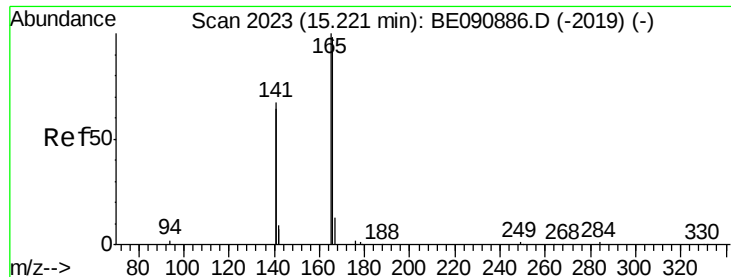
#15
 2-Fluorobiphenyl
 Concen: 3.83 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BE090955.D
 Acq: 23 Sep 2015 18:45

Tgt Ion:172 Resp: 85160
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.8 41.8
 170 23.0 19.8 29.6



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

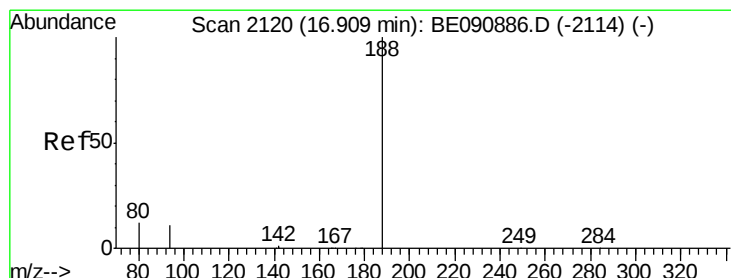
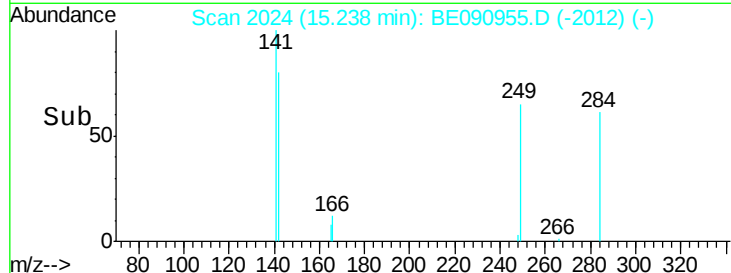
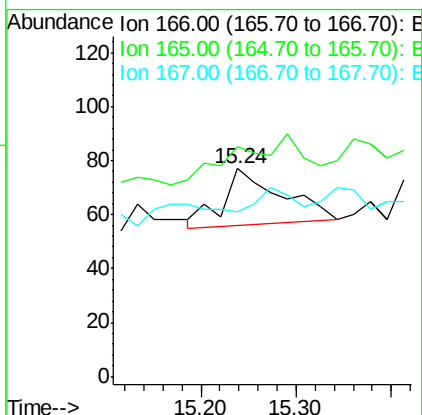
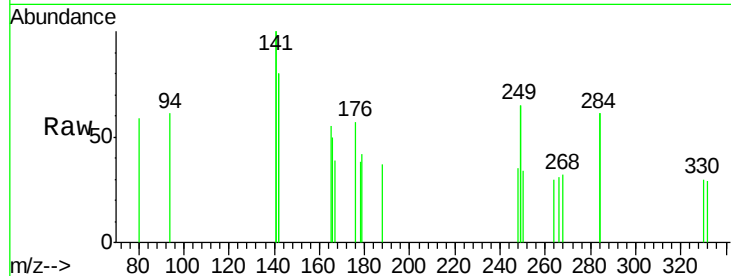




#18
 Fluorene
 Concen: Below Cal
 RT: 15.24 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BE090955.D
 Acq: 23 Sep 2015 18:45

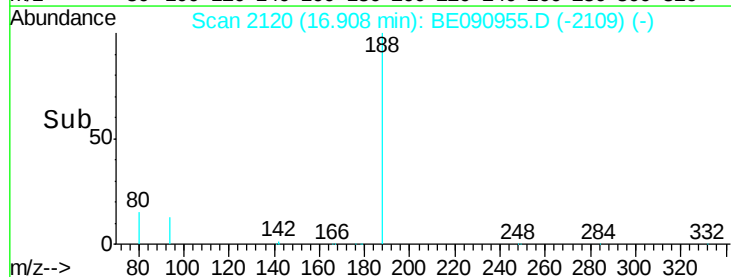
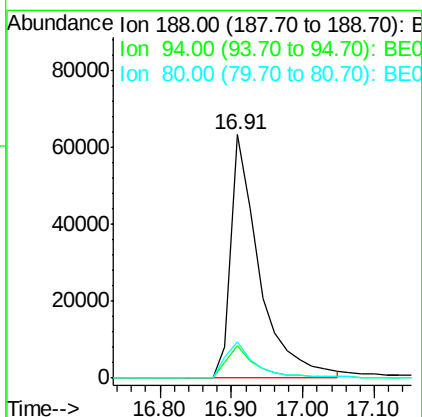
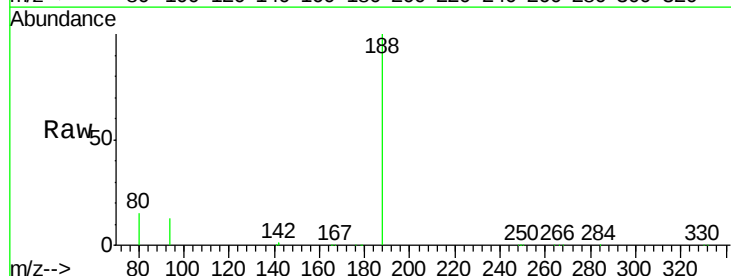
Instrument :
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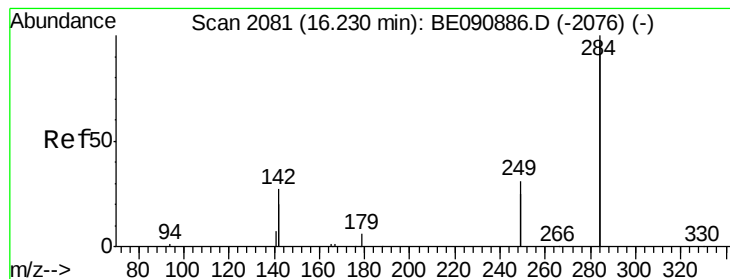
Tot Ion:166 Resp: 90
 Ion Ratio Lower Upper
 166 100
 165 0.0 82.7 124.1#
 167 0.0 10.7 16.1#



#19
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BE090955.D
 Acq: 23 Sep 2015 18:45

Tgt Ion:188 Resp: 174196
 Ion Ratio Lower Upper
 188 100
 94 13.2 10.3 15.5
 80 15.0 11.0 16.6





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.25 min Scan# 2082

Delta R.T. 0.02 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

Instrument :

BNA_E

ClientSampleId :

CPS043032

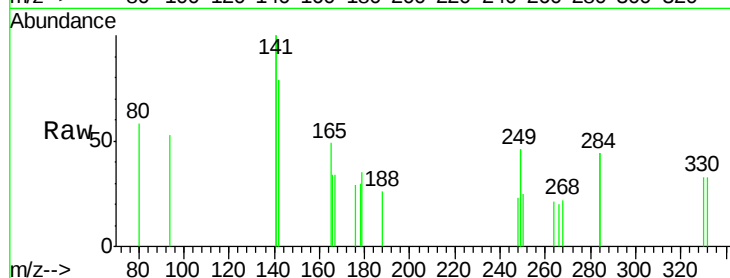
Tot Ion:284 Resp: 48

Ion Ratio Lower Upper

284 100

142 783.3 35.0 52.4#

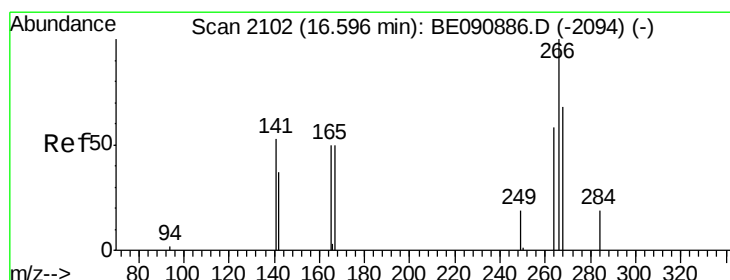
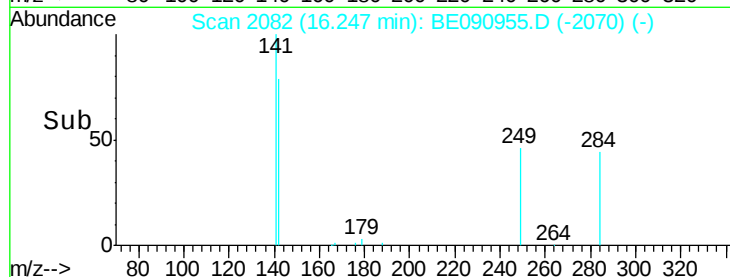
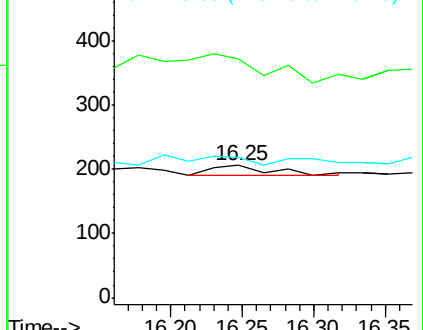
249 0.0 25.5 38.3#



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



#22

Pentachlorophenol

Concen: 0.18 ng

RT: 16.53 min Scan# 2098

Delta R.T. -0.07 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

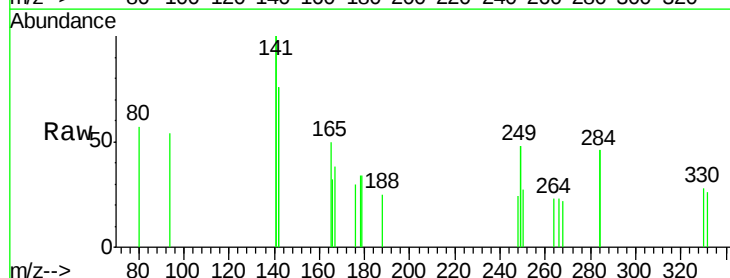
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

268 98.0 49.6 74.4#

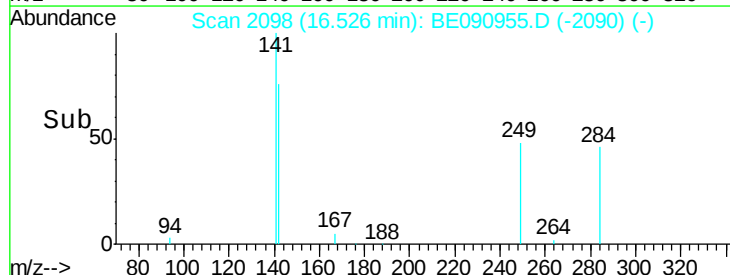
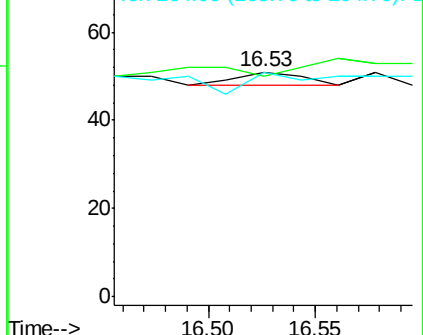
264 100.0 53.9 80.9#

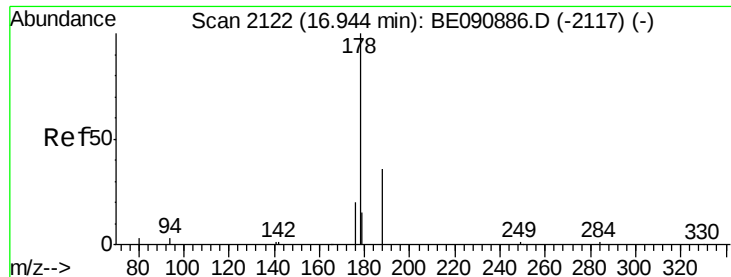


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 16.96 min Scan# 2123

Delta R.T. 0.02 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

Instrument :

BNA_E

ClientSampleId :

CPS043032

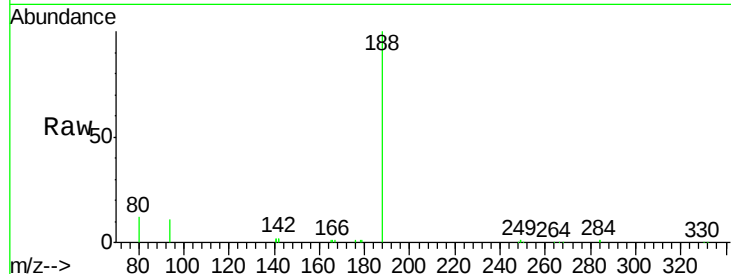
Tot Ion:178 Resp: 423

Ion Ratio Lower Upper

178 100

176 29.8 15.6 23.4#

179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

16.96

150

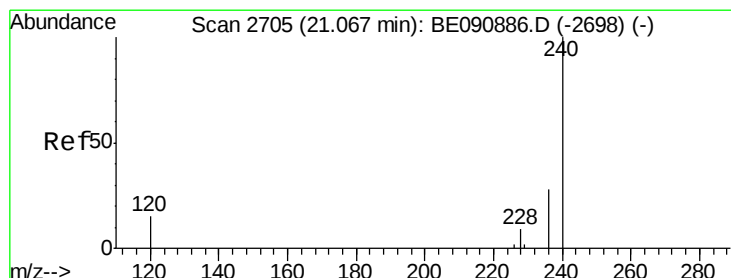
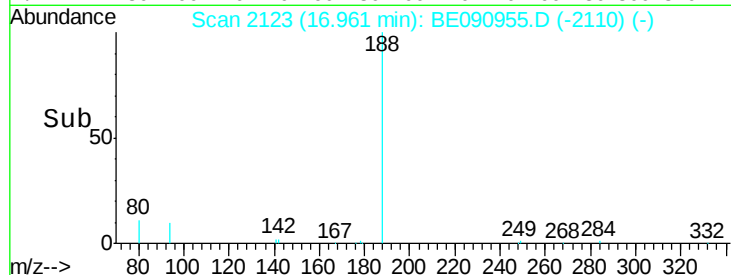
100

50

0

16.80 16.90 17.00 17.10

Time-->



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2705

Delta R.T. 0.00 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

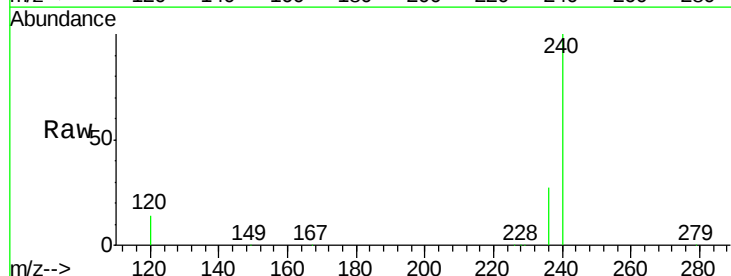
Tgt Ion:240 Resp: 222001

Ion Ratio Lower Upper

240 100

120 14.1 10.1 15.1

236 27.3 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

21.07

150000

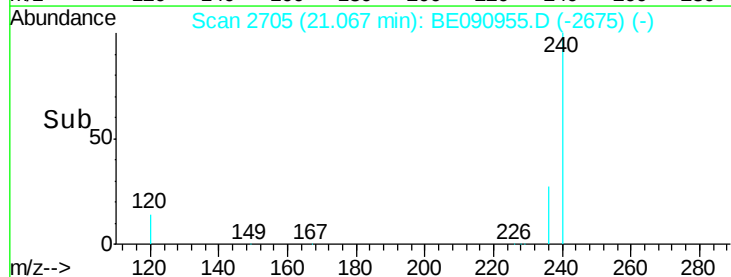
100000

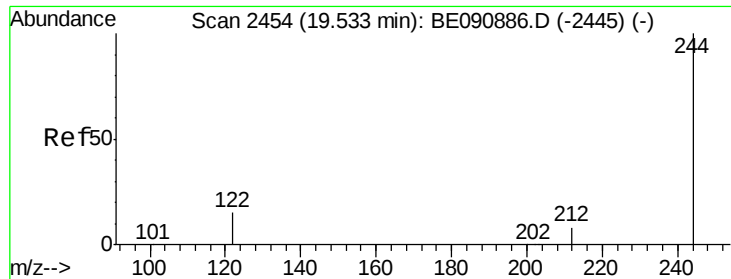
50000

0

21.00 21.10 21.20 21.30

Time-->





#28

Terphenyl-d14

Concen: 6.06 ng

RT: 19.53 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

Instrument :

BNA_E

ClientSampleId :

CPS043032

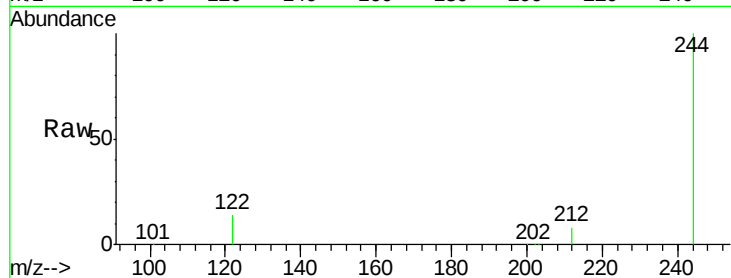
Tot Ion:244 Resp: 151742

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

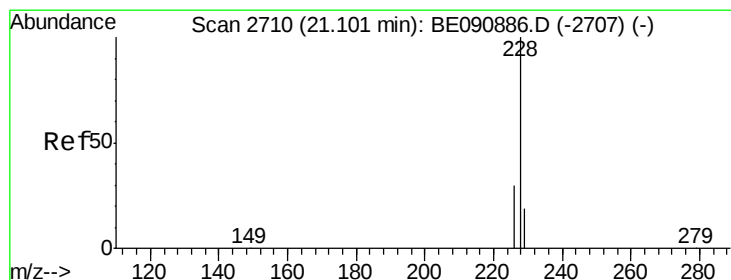
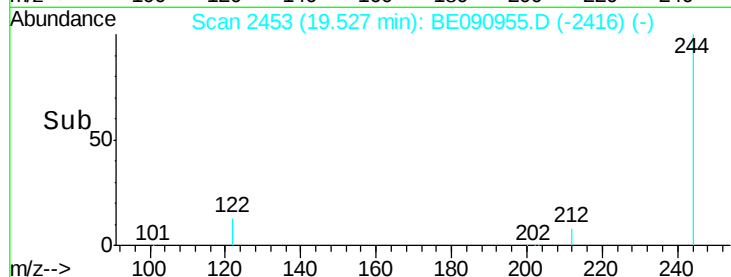
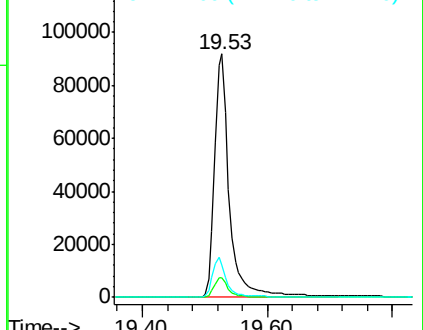
122 13.5 12.9 19.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

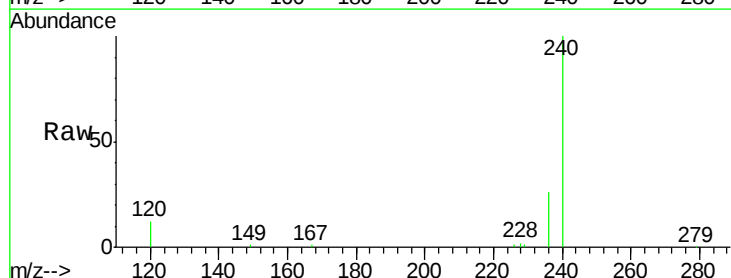
Tgt Ion:228 Resp: 844

Ion Ratio Lower Upper

228 100

226 38.0 24.2 36.4#

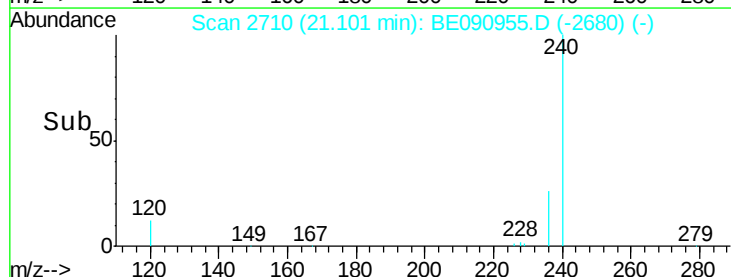
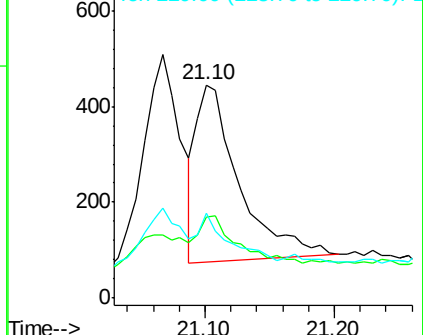
229 40.0 15.3 22.9#

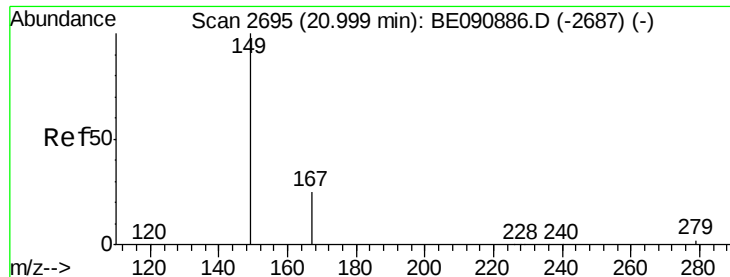


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Bis(2-ethylhexyl)phthalate

Concen: 0.64 ng

RT: 20.99 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

Instrument :

BNA_E

ClientSampleId :

CPS043032

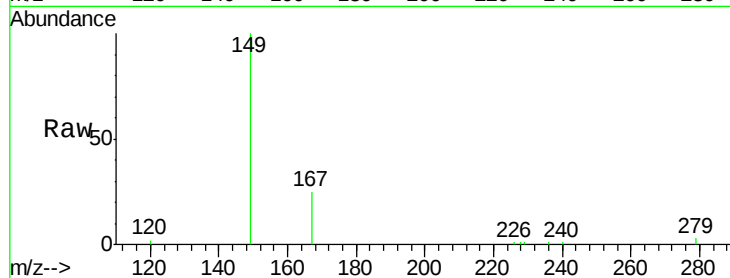
Tot Ion:149 Resp: 12203

Ion Ratio Lower Upper

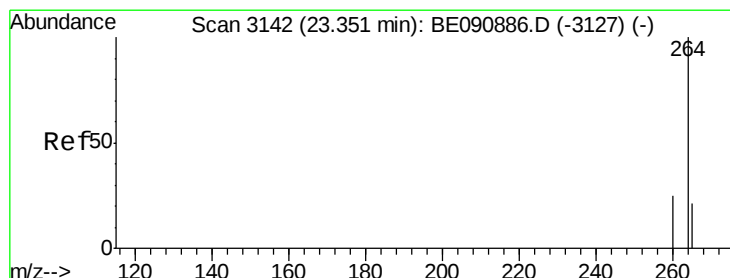
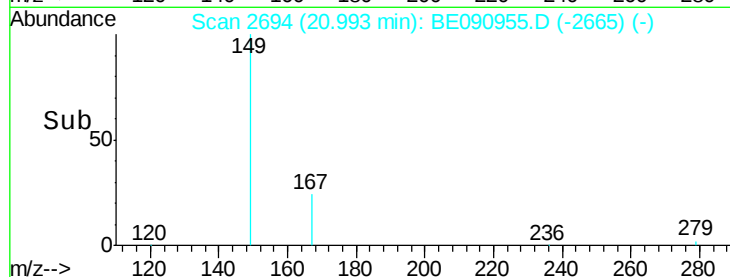
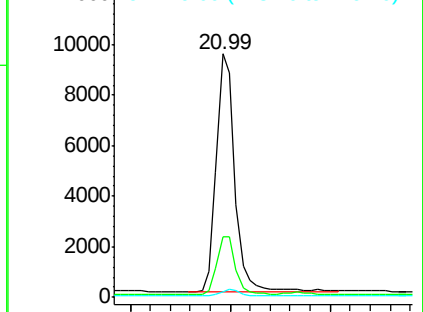
149 100

167 24.8 20.1 30.1

279 3.1 2.3 3.5



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



#33

Perylene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BE090955.D

Acq: 23 Sep 2015 18:45

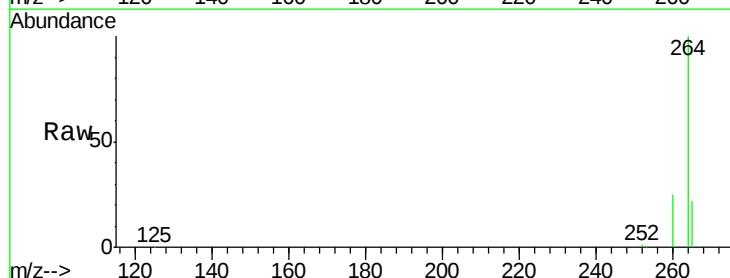
Tgt Ion:264 Resp: 195163

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.7 17.5 26.3



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

