

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
 Data File : BE090599.D
 Acq On : 24 Aug 2015 13:58
 Operator : UM/IZ
 Sample : IDOC-S-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-02

Quant Time: Aug 24 14:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

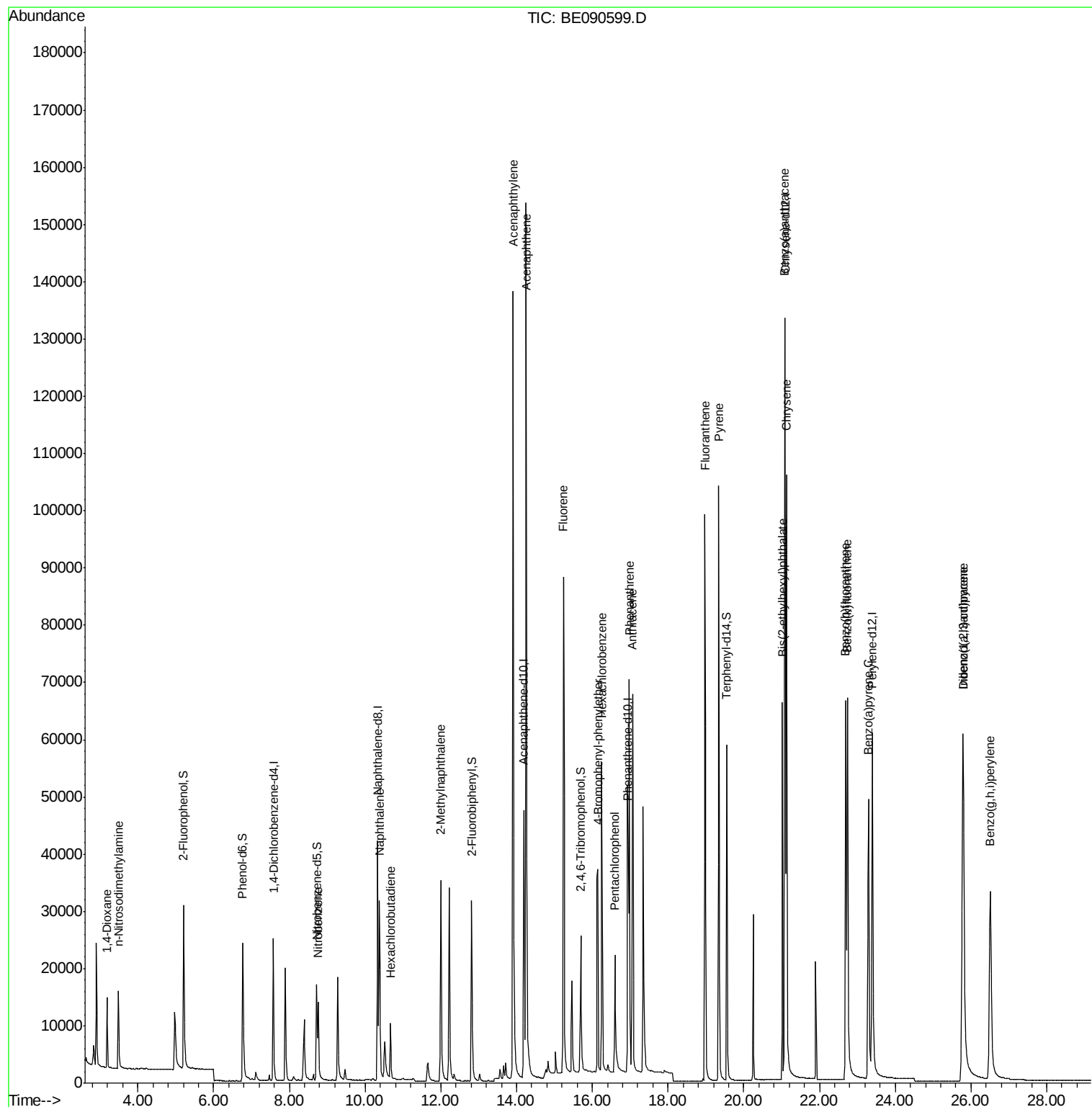
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	12690	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	58956	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	33183	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	81167	5.00	ng	0.00
25) Chrysene-d12	21.09	240	103541	5.00	ng	0.00
32) Perylene-d12	23.39	264	90978	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	25300	6.90	ng	0.00
5) Phenol-d6	6.77	99	35495	6.58	ng	0.00
7) Nitrobenzene-d5	8.72	82	18363	3.91	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	11870	9.30	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	37884	3.82	ng	0.00
27) Terphenyl-d14	19.55	244	67387	3.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	6490	4.51	ng	96
3) n-Nitrosodimethylamine	3.48	42	8229	3.76	ng	# 75
8) Nitrobenzene	8.76	77	17697	3.64	ng	95
9) Naphthalene	10.38	128	46345	3.46	ng	98
10) Hexachlorobutadiene	10.67	225	6945	3.53	ng	99
11) 2-Methylnaphthalene	12.00	142	31909	3.66	ng	98
15) Acenaphthylene	13.91	152	215971	3.56	ng	100
16) Acenaphthene	14.25	154	32091	3.52	ng	84
17) Fluorene	15.24	166	44297	3.96	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	12050	3.63	ng	78
20) Hexachlorobenzene	16.25	284	53979	3.67	ng	97
21) Pentachlorophenol	16.60	266	12695	7.07	ng	90
22) Phenanthrene	16.98	178	79624	3.74	ng	100
23) Anthracene	17.07	178	76208	3.88	ng	100
24) Fluoranthene	18.98	202	96110	4.24	ng	99
26) Pyrene	19.34	202	103171	3.48	ng	99
28) Benzo(a)anthracene	21.07	228	98799	3.63	ng	99
29) Chrysene	21.13	228	104143	3.74	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	55320	3.45	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	97288	3.71	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	87225	4.05	ng	99
34) Benzo(k)fluoranthene	22.74	252	103732	4.25	ng	98
35) Benzo(a)pyrene	23.29	252	88756	4.40	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	77283	3.97	ng	97
37) Benzo(g,h,i)perylene	26.51	276	86564	4.07	ng	95

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
Data File : BE090599.D
Acq On : 24 Aug 2015 13:58
Operator : UM/IZ
Sample : IDOC-S-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
IDOC-S-02

Quant Time: Aug 24 14:55:55 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration



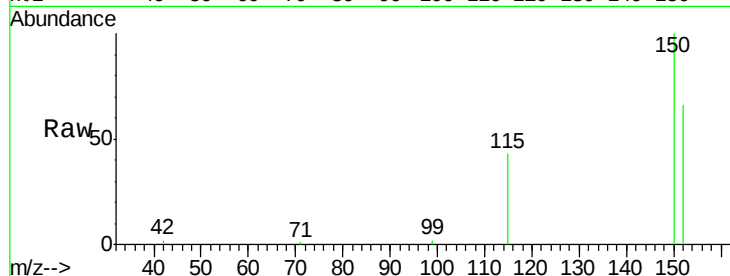


#1

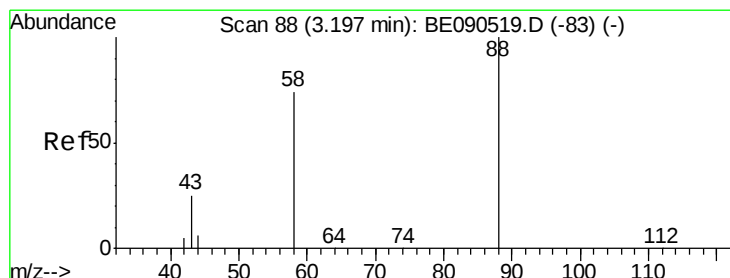
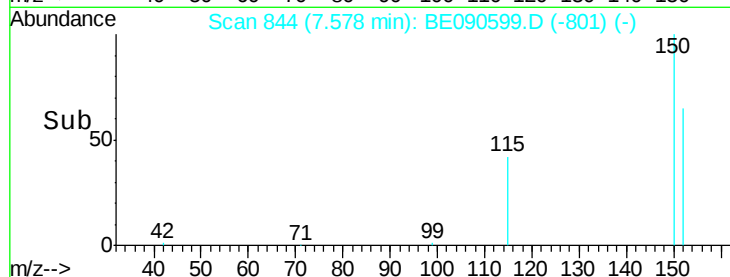
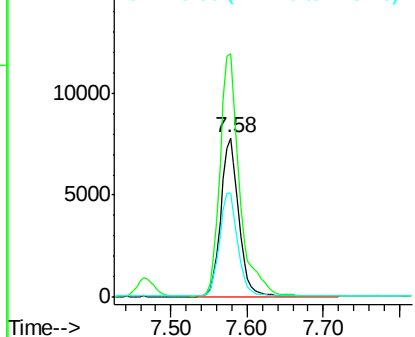
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090599.D
Acq: 24 Aug 2015 13:58

Instrument :
BNA_E
ClientSampleId :
IDOC-S-02

Tgt Ion:152 Resp: 12690
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.4
115 64.9 48.9 73.3



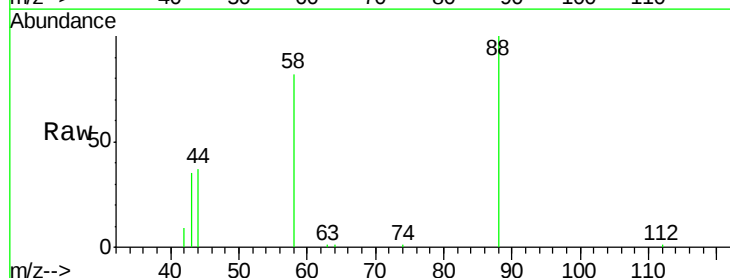
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



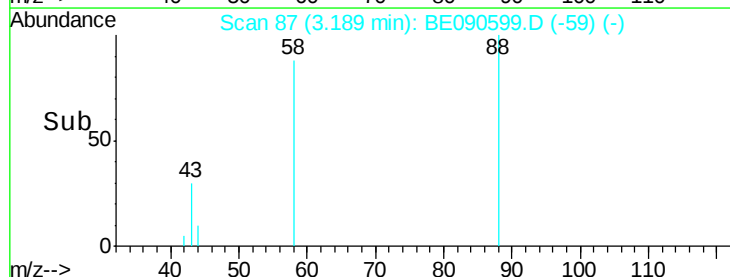
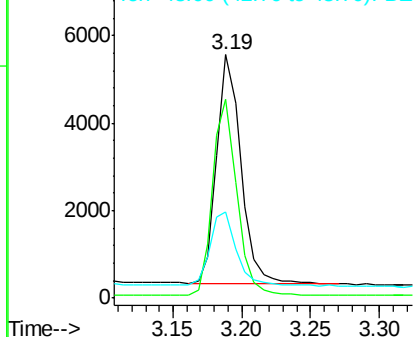
#2

1,4-Dioxane
Concen: 4.51 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090599.D
Acq: 24 Aug 2015 13:58

Tgt Ion: 88 Resp: 6490
Ion Ratio Lower Upper
88 100
58 85.7 70.0 105.0
43 40.2 28.4 42.6



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: 3.76 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

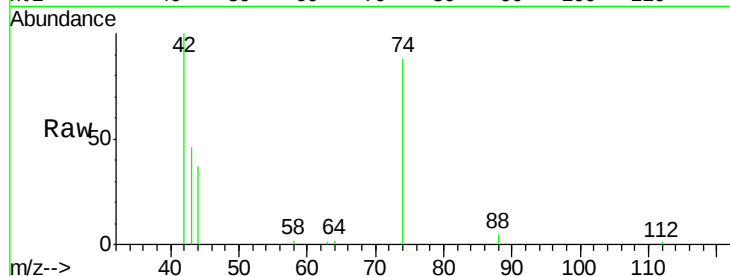
Tgt Ion: 42 Resp: 8229

Ion Ratio Lower Upper

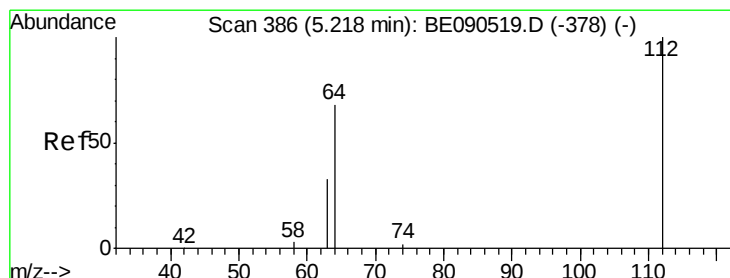
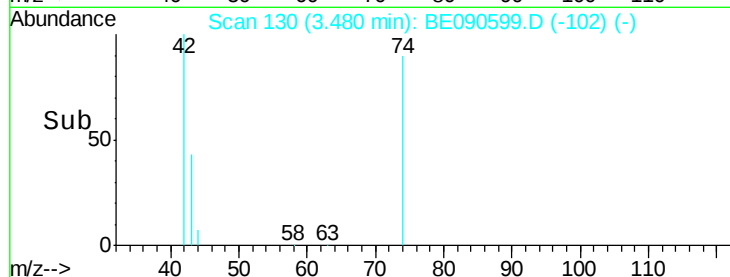
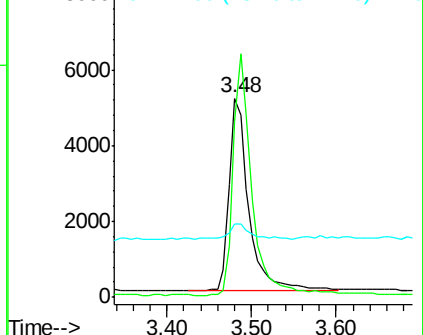
42 100

74 119.7 75.2 112.8#

44 7.2 8.7 13.1#



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: 6.90 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

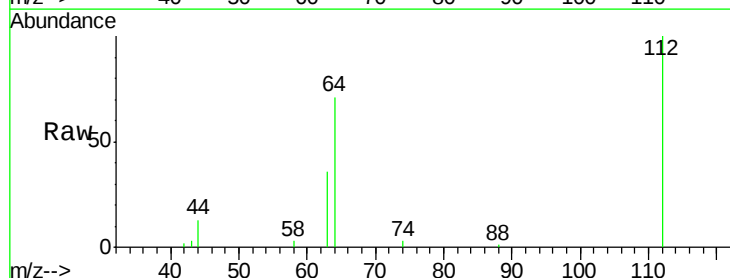
Tgt Ion: 112 Resp: 25300

Ion Ratio Lower Upper

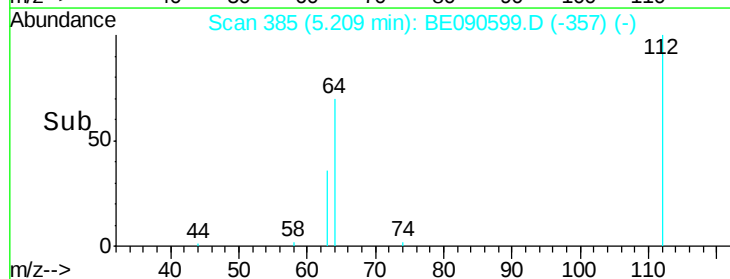
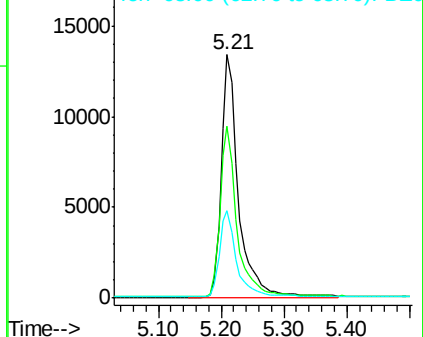
112 100

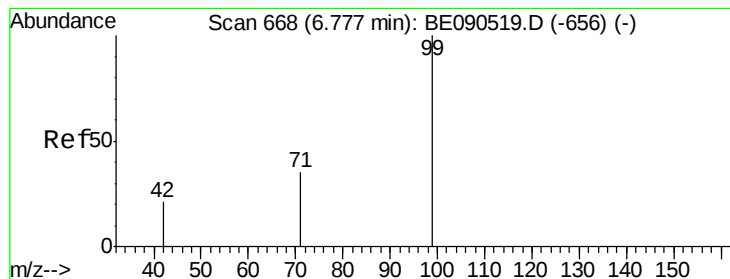
64 70.0 37.1 55.7#

63 36.1 19.5 29.3#



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: 6.58 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

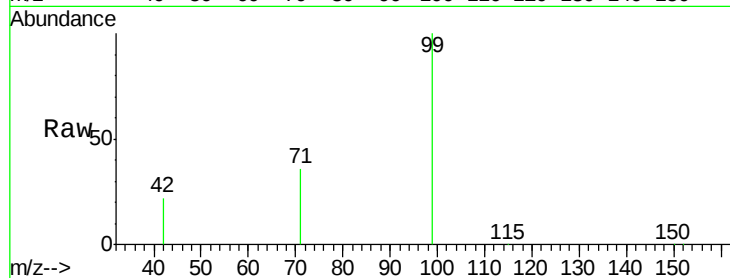
Tgt Ion: 99 Resp: 35495

Ion Ratio Lower Upper

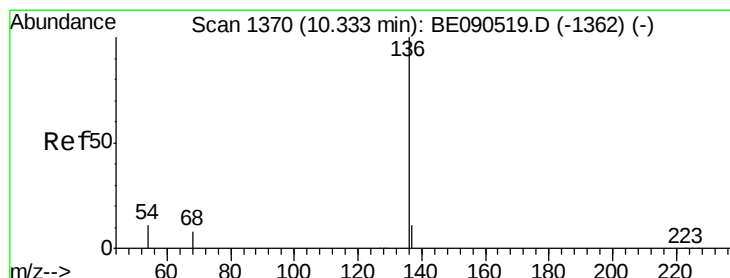
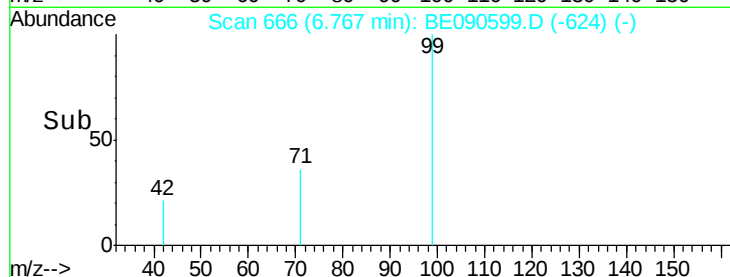
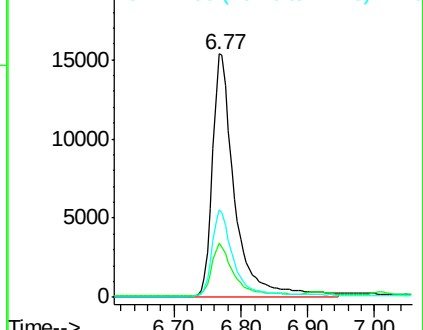
99 100

42 20.6 18.2 27.4

71 34.9 27.4 41.0



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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Tgt Ion: 136 Resp: 58956

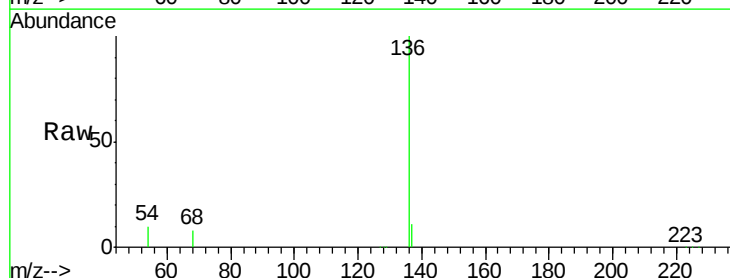
Ion Ratio Lower Upper

136 100

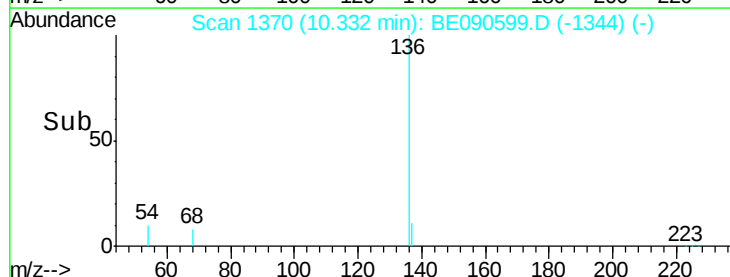
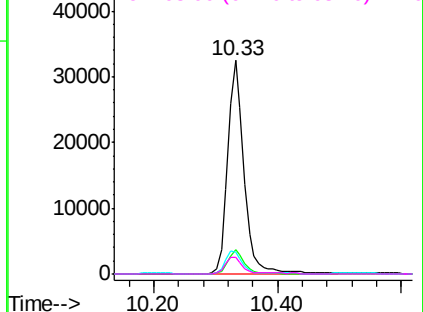
137 11.1 8.7 13.1

54 10.5 9.4 14.0

68 7.9 6.5 9.7



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: 3.91 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

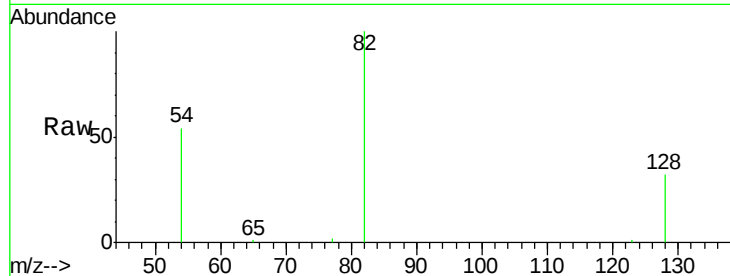
Tgt Ion: 82 Resp: 18363

Ion Ratio Lower Upper

82 100

128 32.4 25.0 37.6

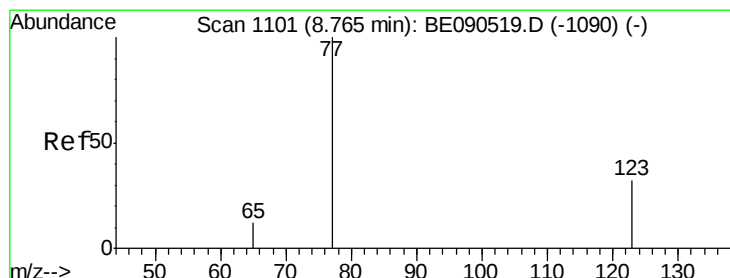
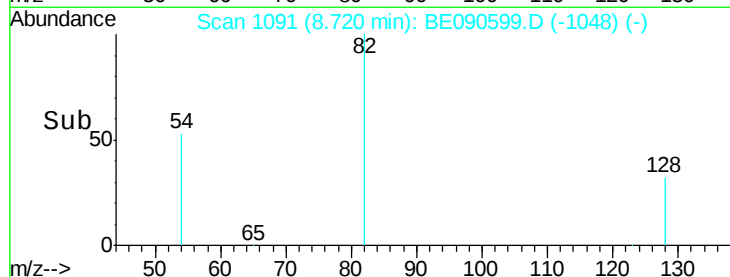
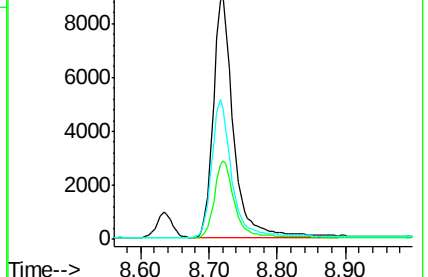
54 54.0 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 3.64 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

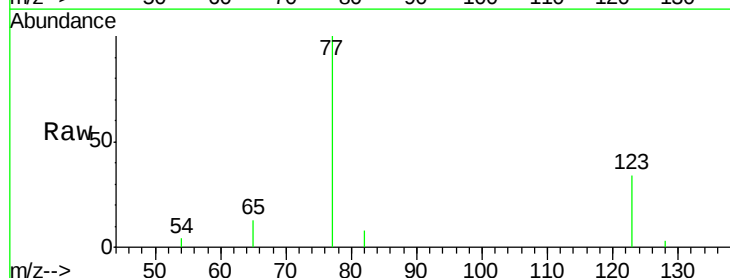
Tgt Ion: 77 Resp: 17697

Ion Ratio Lower Upper

77 100

123 34.5 25.1 37.7

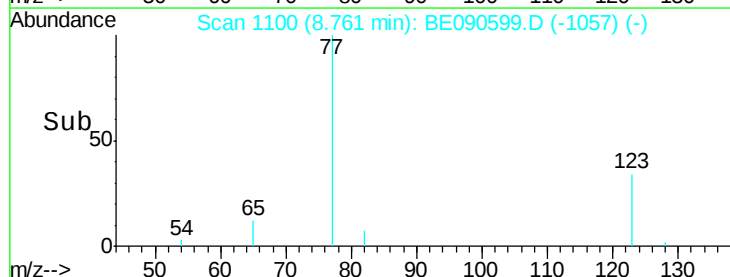
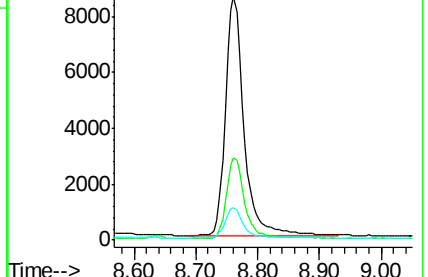
65 12.6 9.3 13.9



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 3.46 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

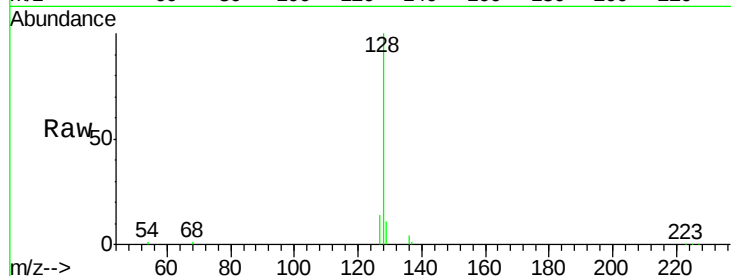
Tgt Ion:128 Resp: 46345

Ion Ratio Lower Upper

128 100

129 11.0 9.8 14.6

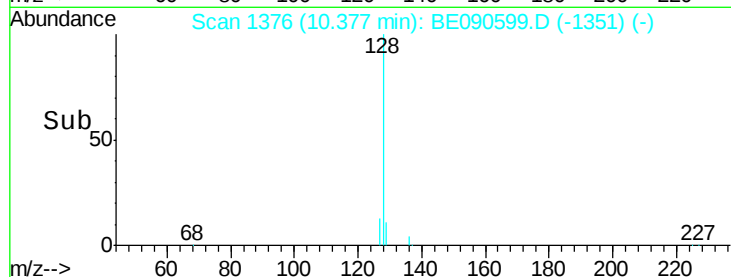
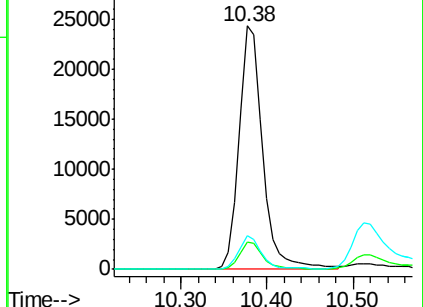
127 13.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 3.53 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

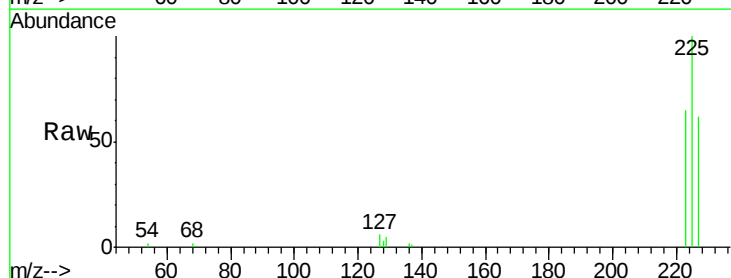
Tgt Ion:225 Resp: 6945

Ion Ratio Lower Upper

225 100

223 63.3 50.6 75.8

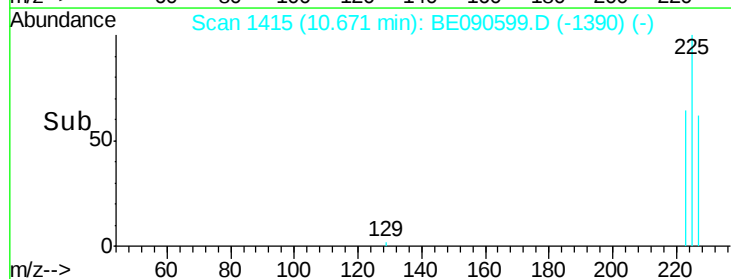
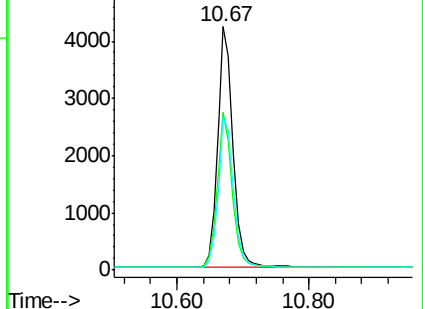
227 62.5 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

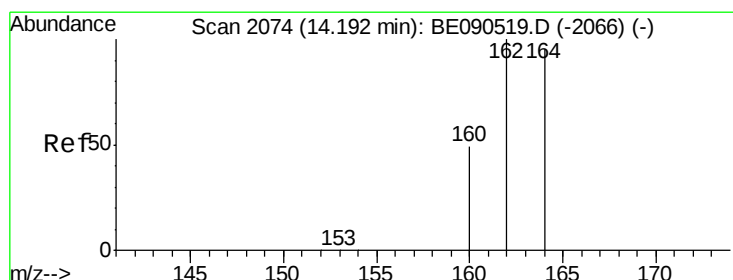
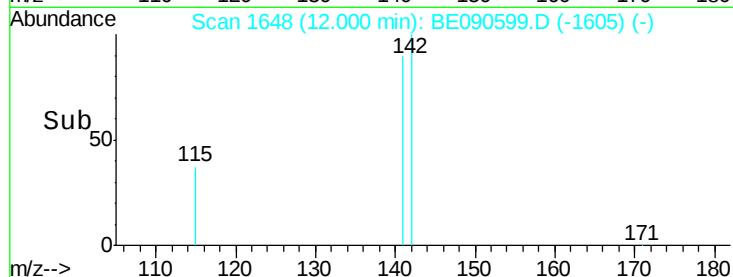
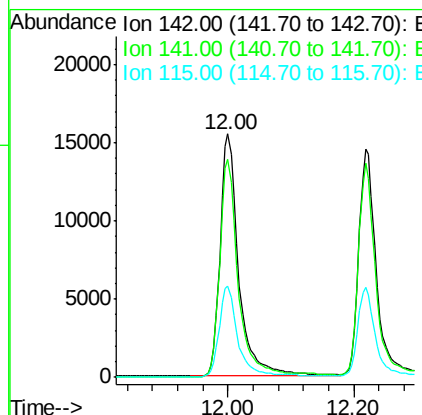
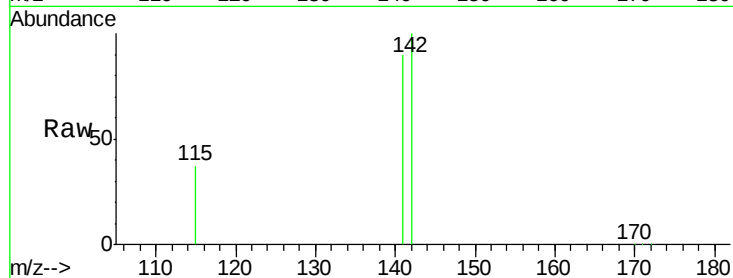




#11
2-Methylnaphthalene
Concen: 3.66 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090599.D
Acq: 24 Aug 2015 13:58

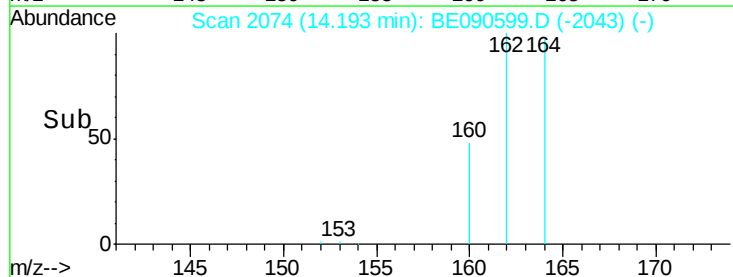
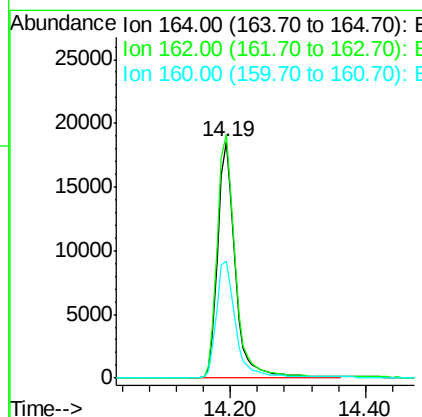
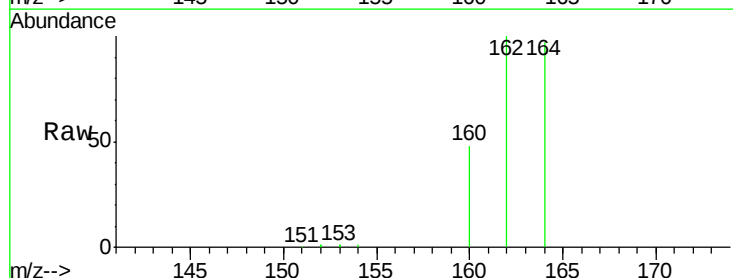
Instrument :
BNA_E
ClientSampleId :
IDOC-S-02

Tgt Ion:142 Resp: 31909
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0
115 37.4 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090599.D
Acq: 24 Aug 2015 13:58

Tgt Ion:164 Resp: 33183
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.8
160 49.7 44.2 66.4

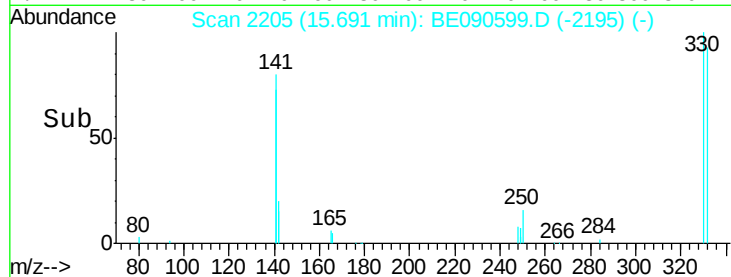
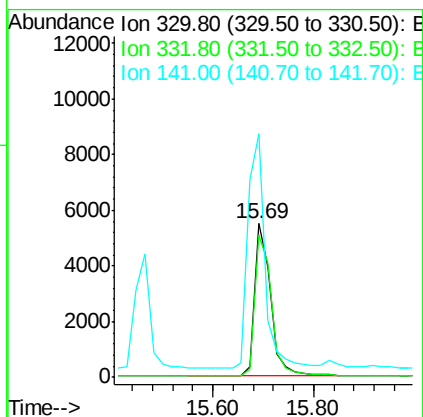
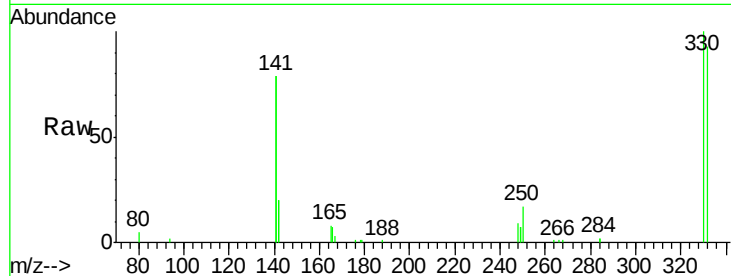




#13
 2,4,6-Tribromophenol
 Concen: 9.30 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090599.D
 Acq: 24 Aug 2015 13:58

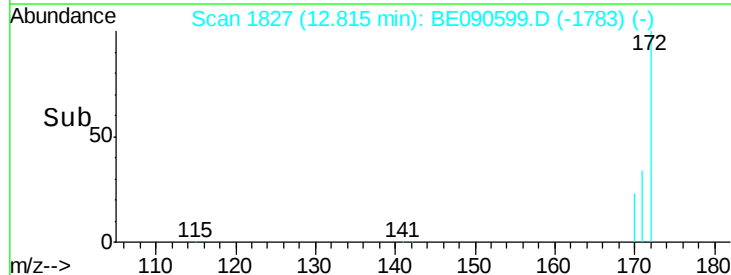
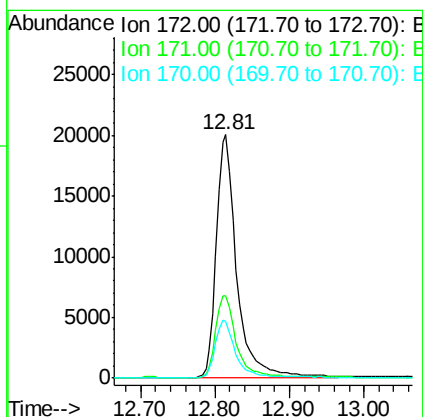
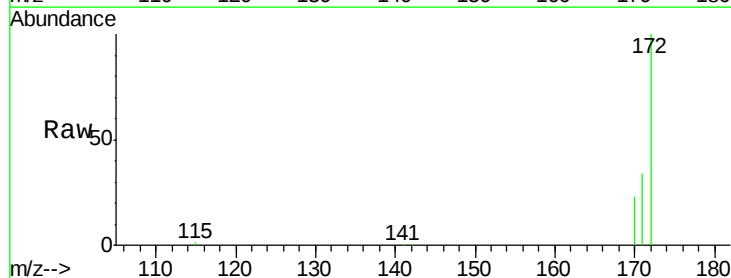
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-02

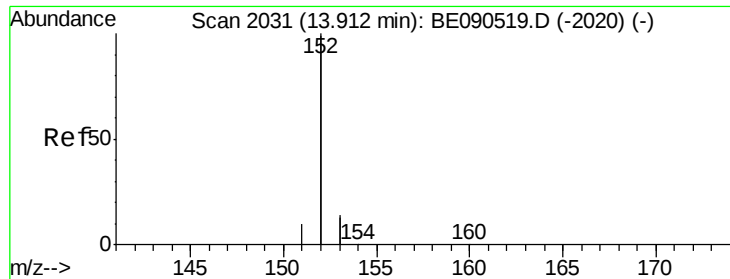
Tgt Ion:330 Resp: 11870
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.8 113.6
 141 164.3 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.82 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090599.D
 Acq: 24 Aug 2015 13:58

Tgt Ion:172 Resp: 37884
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.5 42.7
 170 23.3 19.8 29.8





#15

Acenaphthylene

Concen: 3.56 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

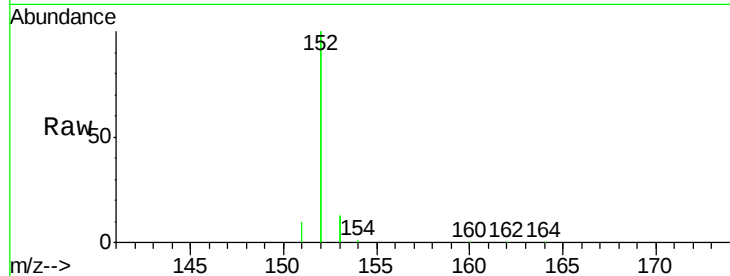
Tgt Ion:152 Resp: 215971

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

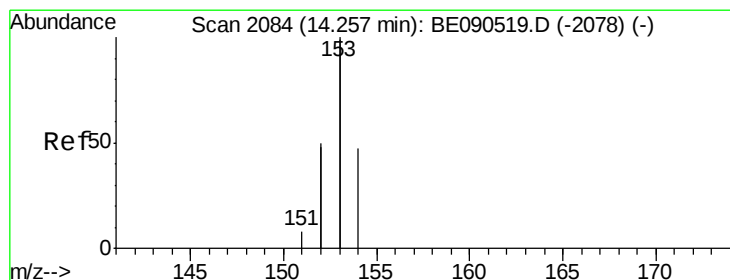
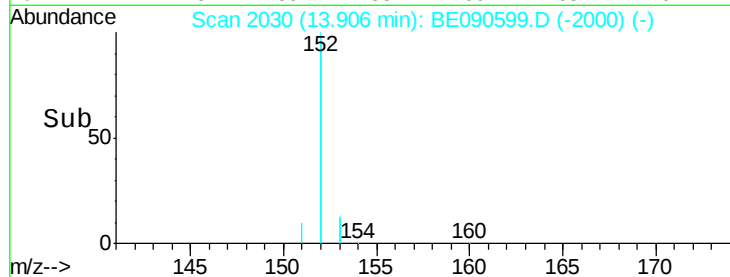
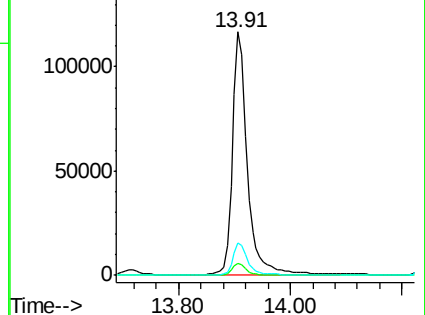
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 3.52 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

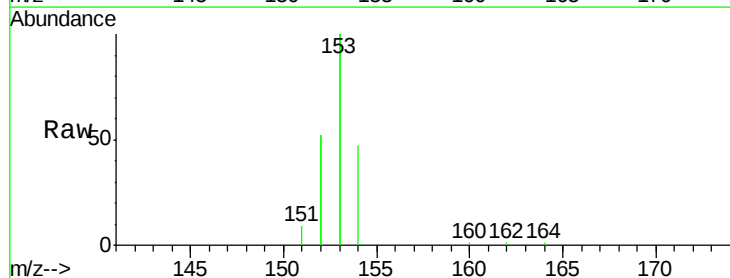
Tgt Ion:154 Resp: 32091

Ion Ratio Lower Upper

154 100

153 450.4 376.2 564.2

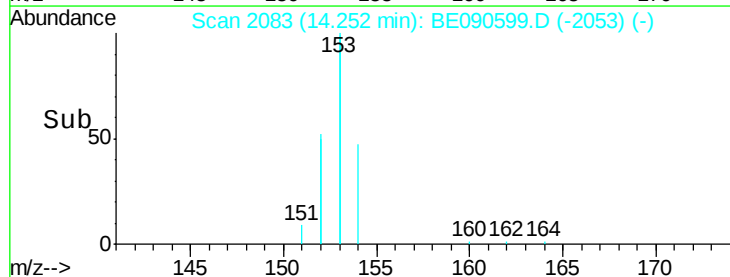
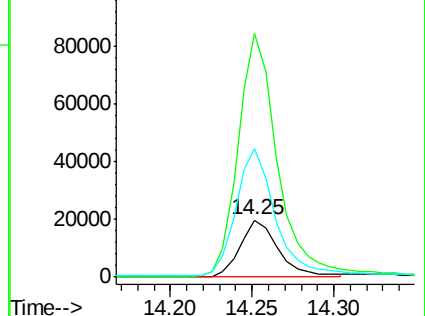
152 235.7 235.0 352.4

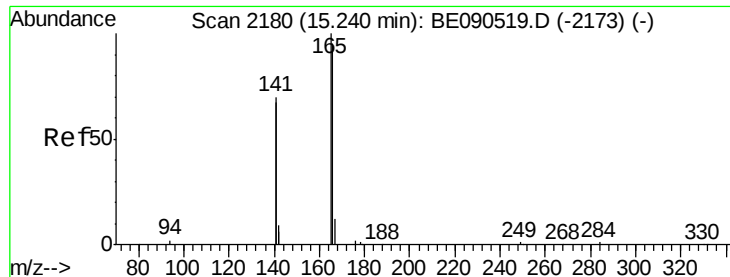


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

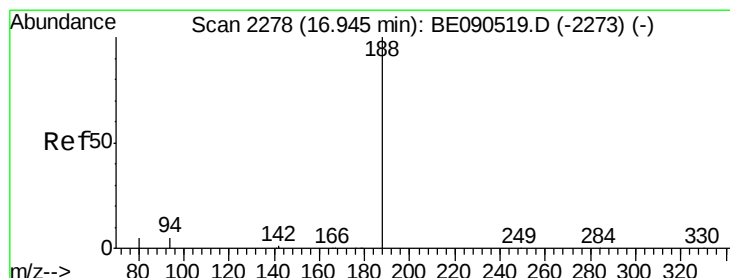
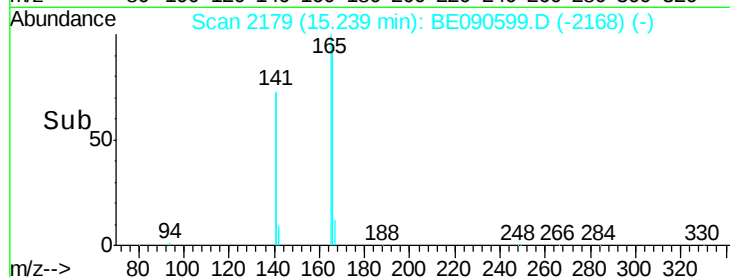
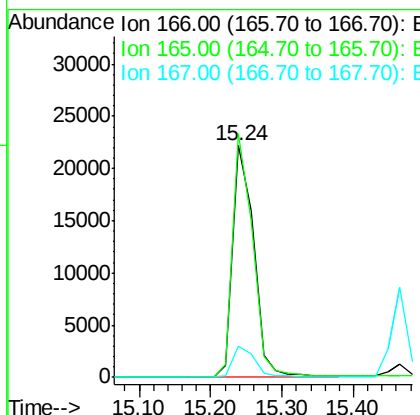
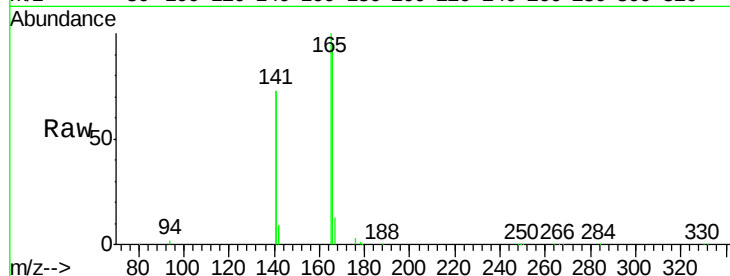




#17
Fluorene
 Concen: 3.96 ng
 RT: 15.24 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BE090599.D
 Acq: 24 Aug 2015 13:58

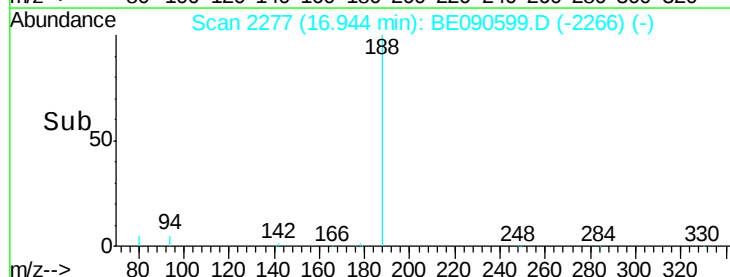
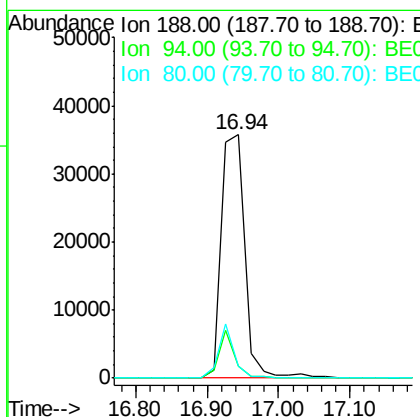
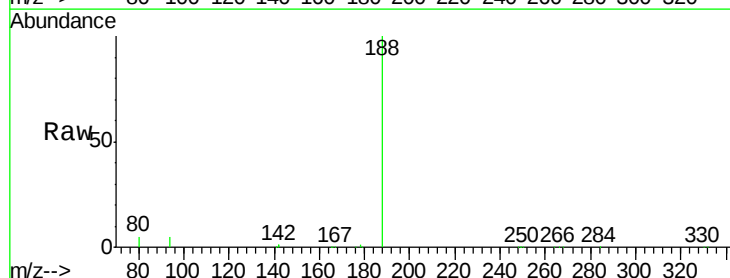
Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-02

Tgt Ion:166 Resp: 44297
 Ion Ratio Lower Upper
 166 100
 165 100.4 81.5 122.3
 167 13.3 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BE090599.D
 Acq: 24 Aug 2015 13:58

Tgt Ion:188 Resp: 81167
 Ion Ratio Lower Upper
 188 100
 94 4.8 5.7 8.5#
 80 5.0 5.8 8.8#

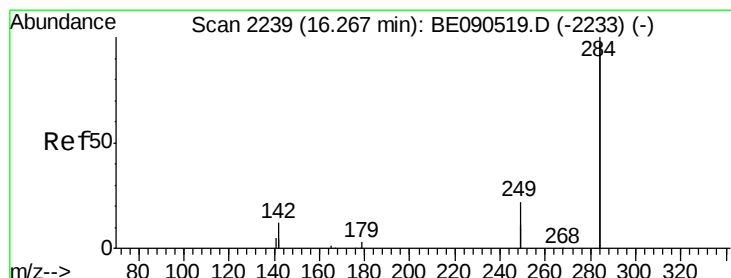
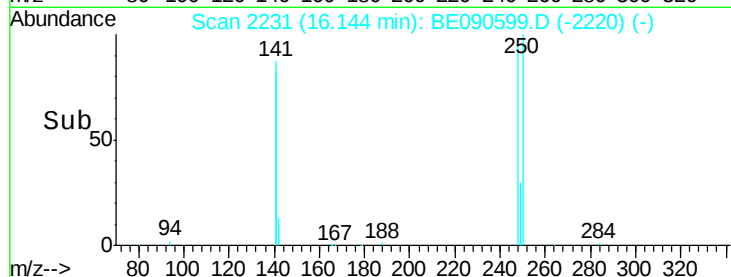
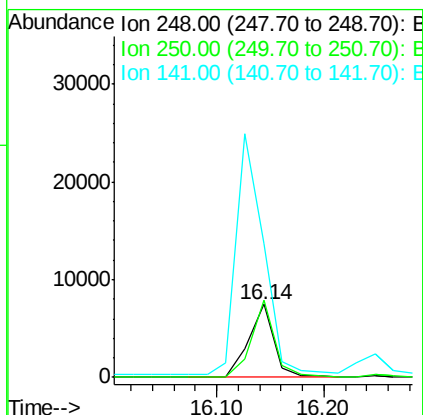
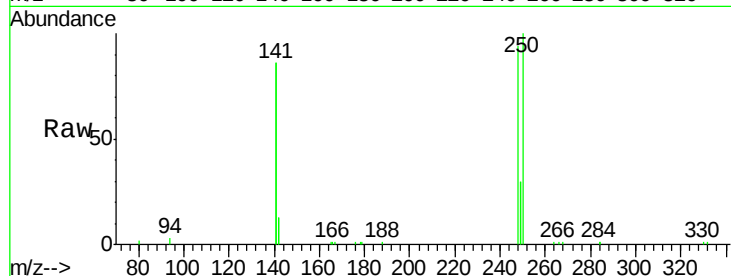




#19
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090599.D
Acq: 24 Aug 2015 13:58

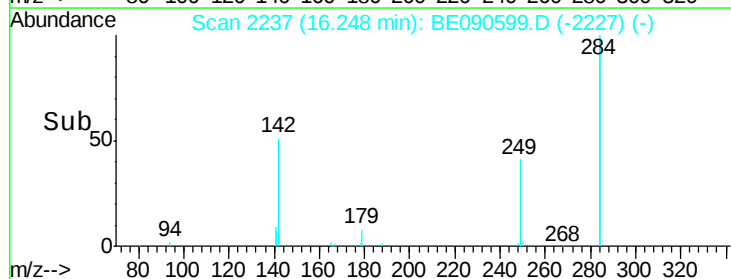
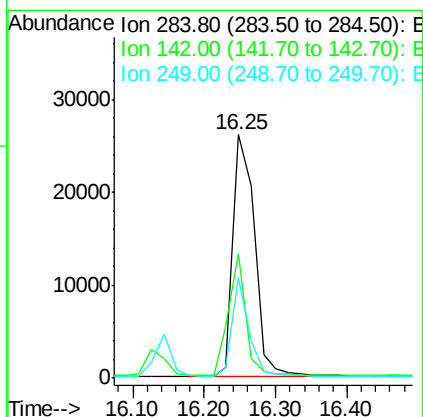
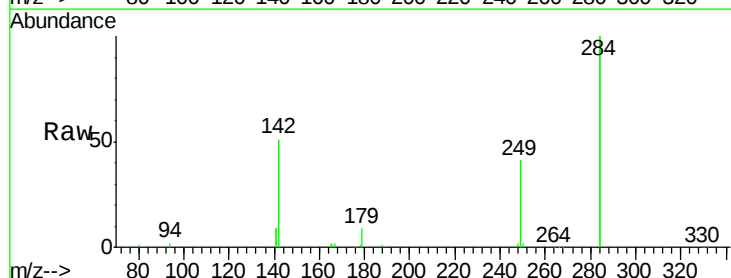
Instrument :
BNA_E
ClientSampleId :
IDOC-S-02

Tgt Ion:248 Resp: 12050
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.6
141 356.6 239.5 359.3



#20
Hexachlorobenzene
Concen: 3.67 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090599.D
Acq: 24 Aug 2015 13:58

Tgt Ion:284 Resp: 53979
Ion Ratio Lower Upper
284 100
142 40.4 30.1 45.1
249 31.4 25.7 38.5

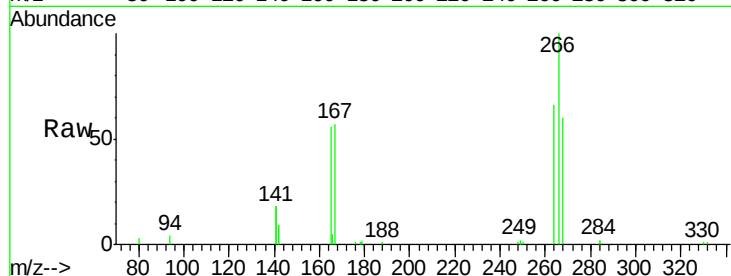




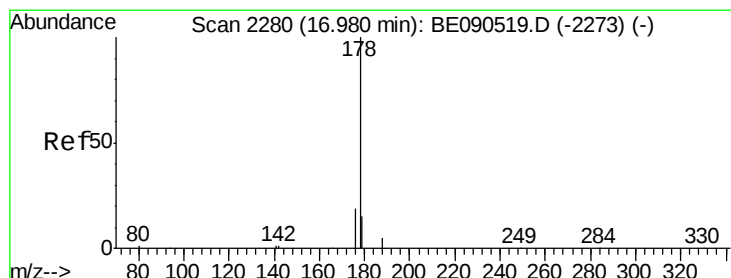
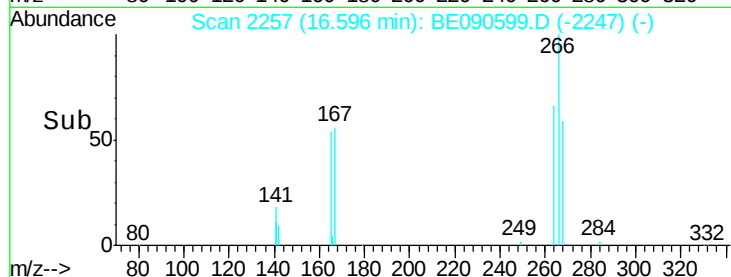
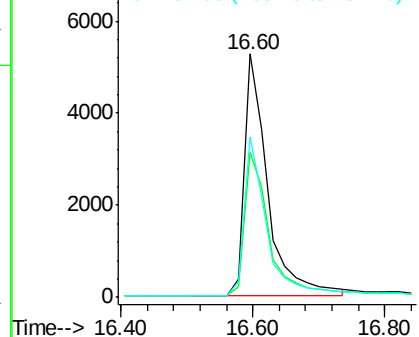
#21
 Pentachlorophenol
 Concen: 7.07 ng
 RT: 16.60 min Scan# 2257
 Delta R.T. -0.02 min
 Lab File: BE090599.D
 Acq: 24 Aug 2015 13:58

Instrument :
 BNA_E
 ClientSampleId :
 IDOC-S-02

Tgt Ion: 266 Resp: 12695
 Ion Ratio Lower Upper
 266 100
 268 59.8 58.5 87.7
 264 66.1 56.0 84.0

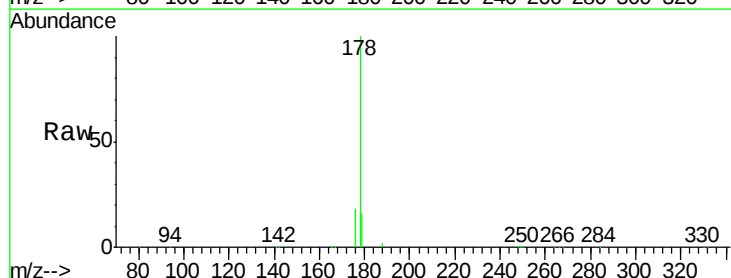


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

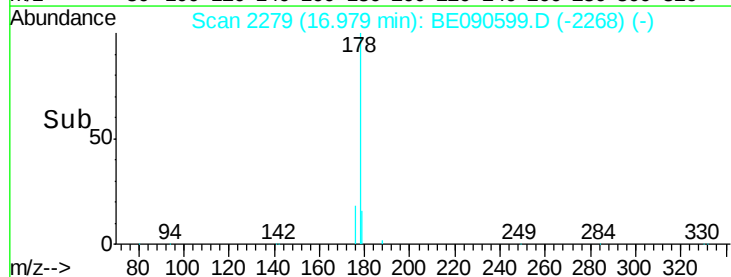
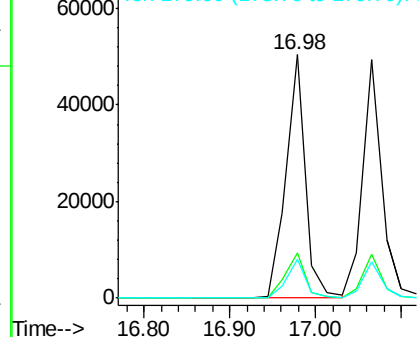


#22
 Phenanthrene
 Concen: 3.74 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090599.D
 Acq: 24 Aug 2015 13:58

Tgt Ion: 178 Resp: 79624
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.5 18.7



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





#23

Anthracene

Concen: 3.88 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

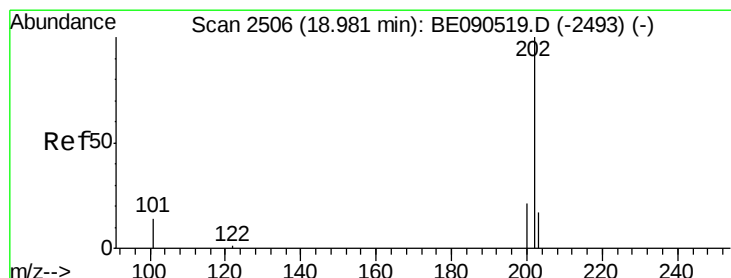
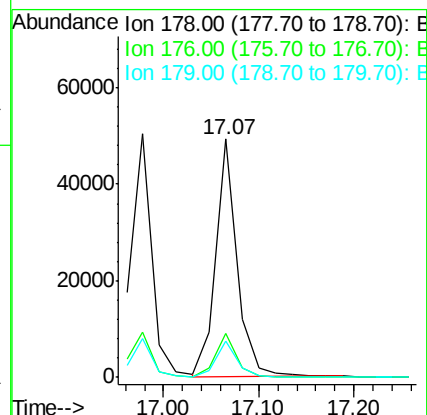
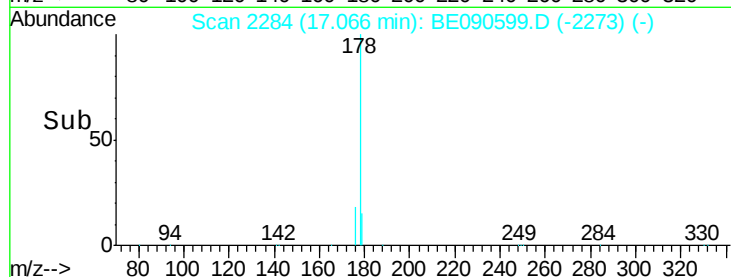
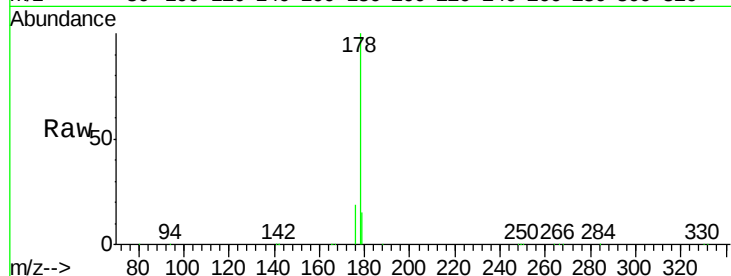
Tgt Ion:178 Resp: 76208

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.2 12.2 18.4



#24

Fluoranthene

Concen: 4.24 ng

RT: 18.98 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

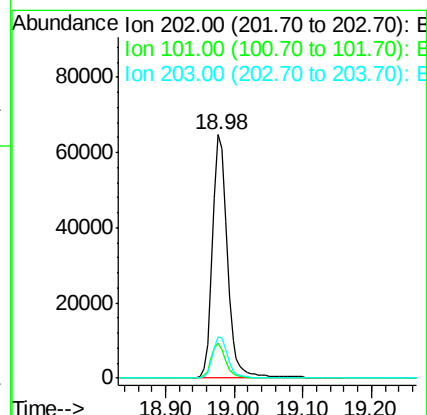
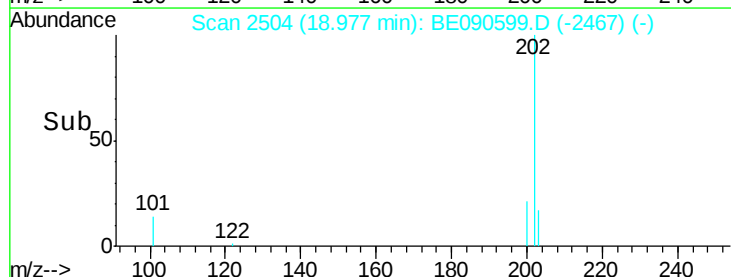
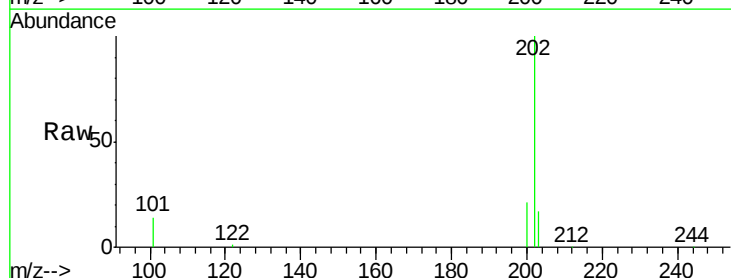
Tgt Ion:202 Resp: 96110

Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

203 17.2 13.7 20.5

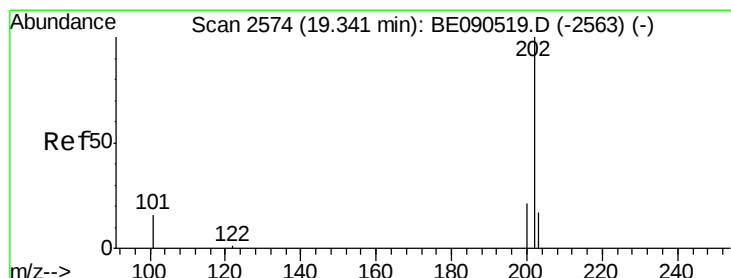
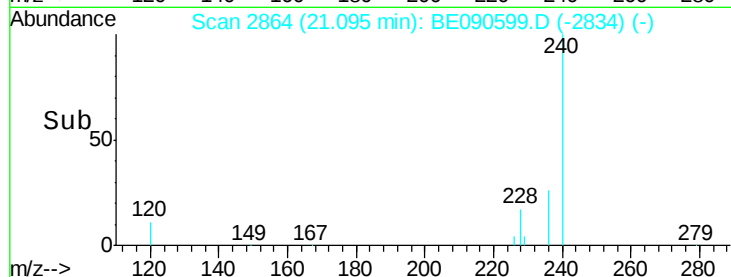
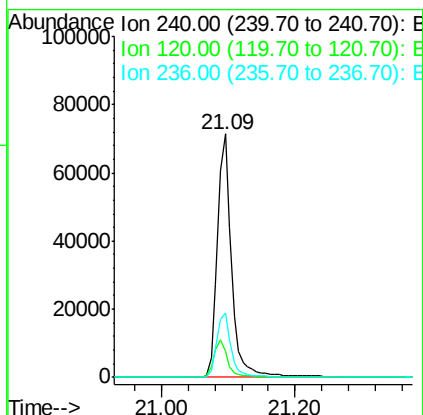
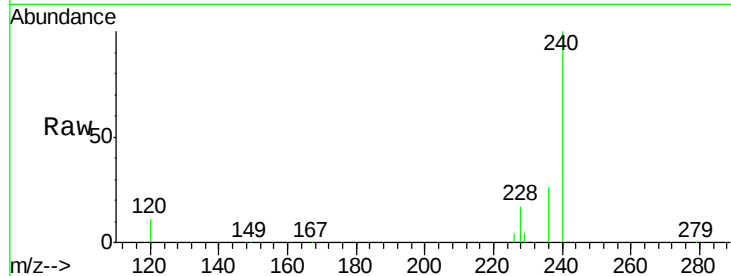




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090599.D
Acq: 24 Aug 2015 13:58

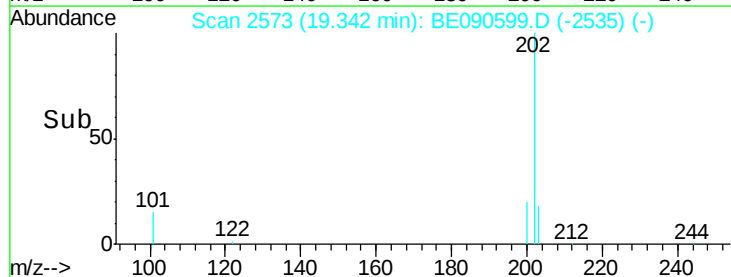
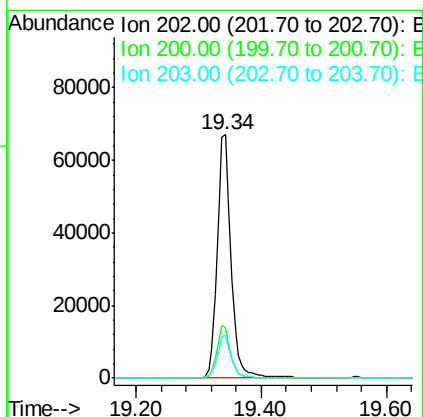
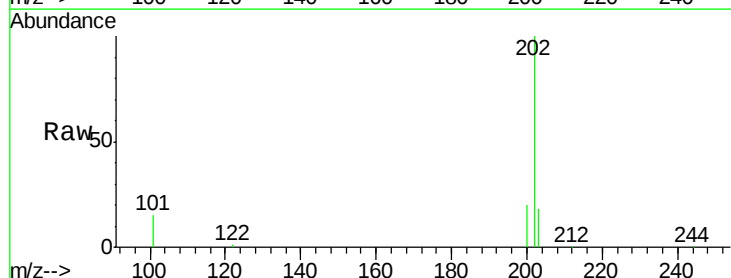
Instrument :
BNA_E
ClientSampleId :
IDOC-S-02

Tgt Ion:240 Resp: 103541
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 26.3 21.0 31.4



#26
Pyrene
Concen: 3.48 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090599.D
Acq: 24 Aug 2015 13:58

Tgt Ion:202 Resp: 103171
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.7 13.8 20.8





#27

Terphenyl-d14

Concen: 3.56 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

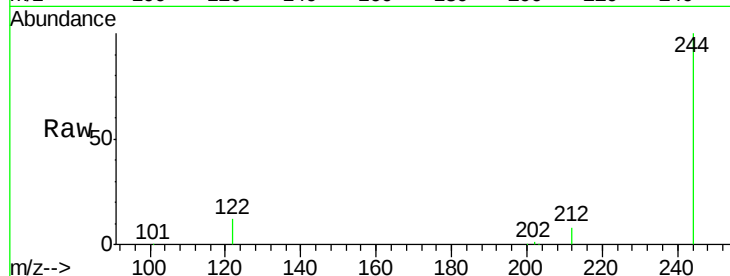
Tgt Ion:244 Resp: 67387

Ion Ratio Lower Upper

244 100

212 7.7 6.6 9.8

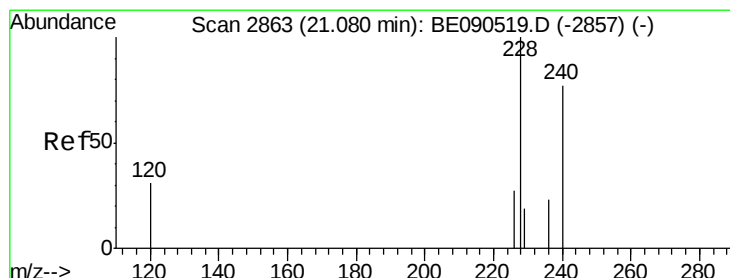
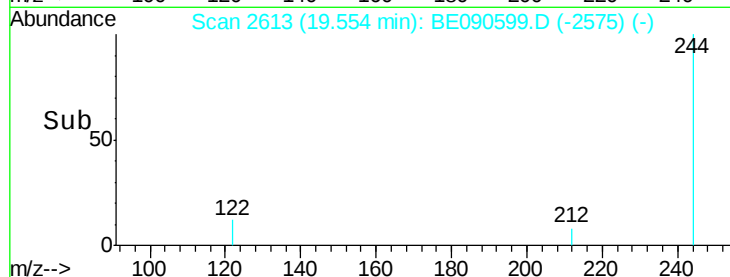
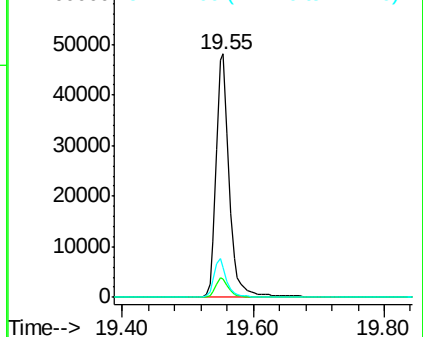
122 12.2 10.2 15.4



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



#28

Benzo(a)anthracene

Concen: 3.63 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

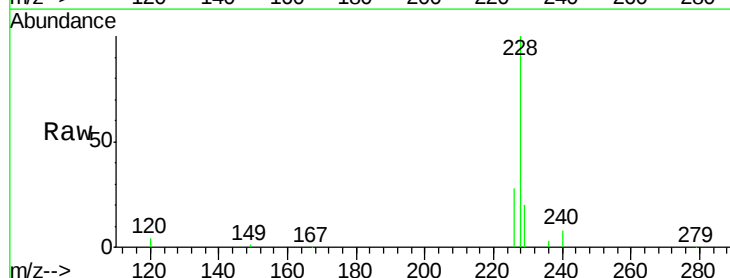
Tgt Ion:228 Resp: 98799

Ion Ratio Lower Upper

228 100

226 27.7 21.9 32.9

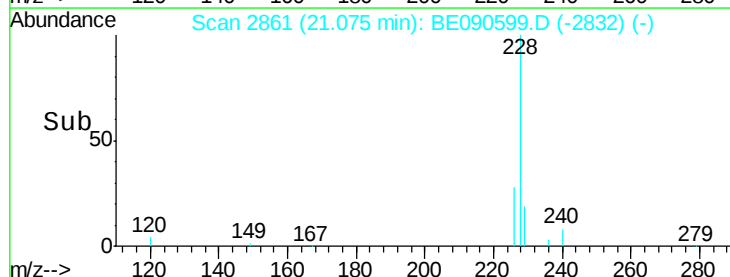
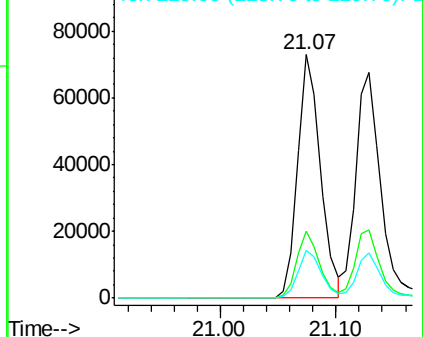
229 19.5 15.4 23.0



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





#29

Chrysene

Concen: 3.74 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

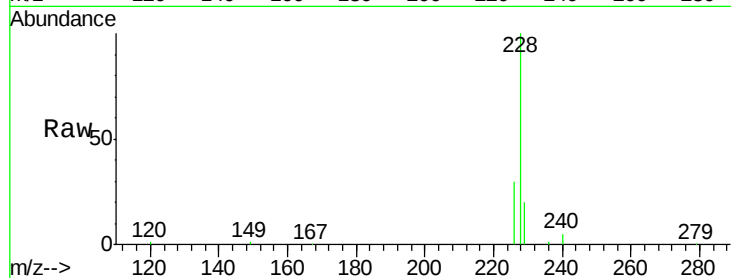
Tgt Ion:228 Resp: 104143

Ion Ratio Lower Upper

228 100

226 30.0 23.1 34.7

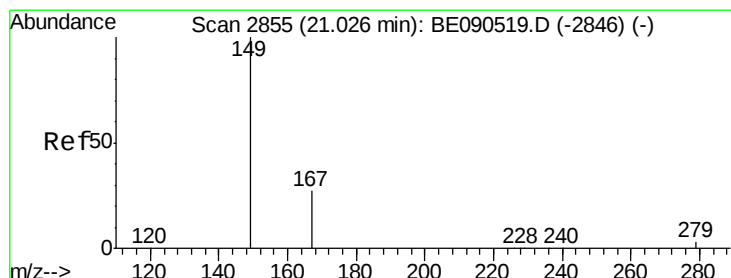
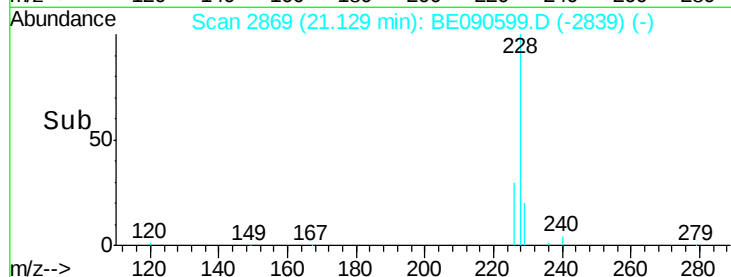
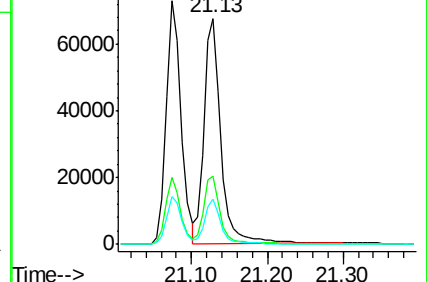
229 19.8 15.8 23.8



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 3.45 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

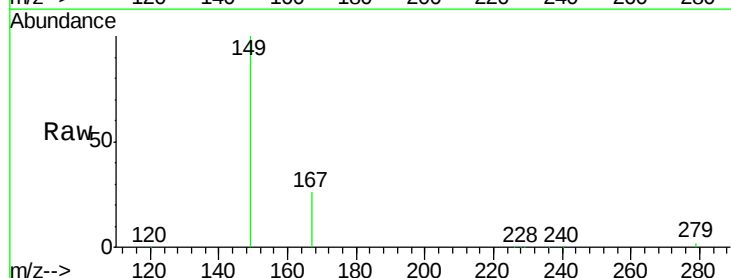
Tgt Ion:149 Resp: 55320

Ion Ratio Lower Upper

149 100

167 25.7 19.8 29.8

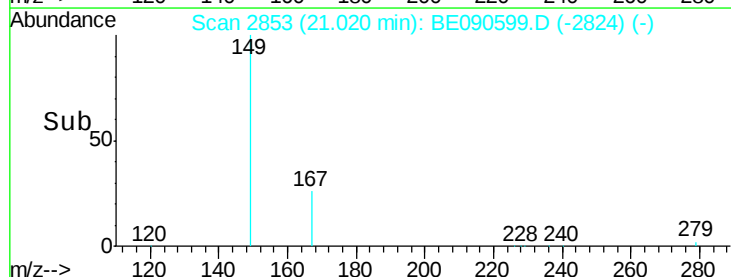
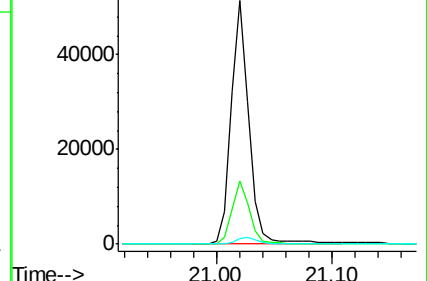
279 3.0 2.4 3.6



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

Indeno(1,2,3-cd)pyrene

Concen: 3.71 ng

RT: 25.78 min Scan# 3826

Delta R.T. 0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

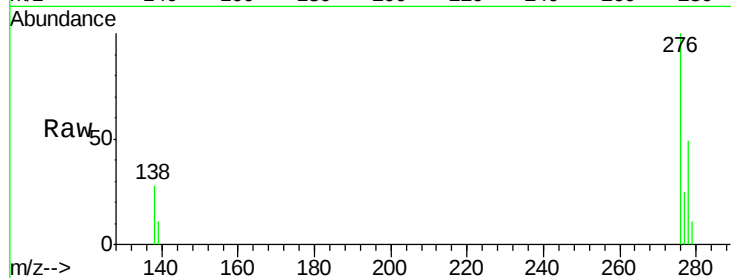
Tgt Ion: 276 Resp: 97288

Ion Ratio Lower Upper

276 100

138 29.1 18.8 28.2#

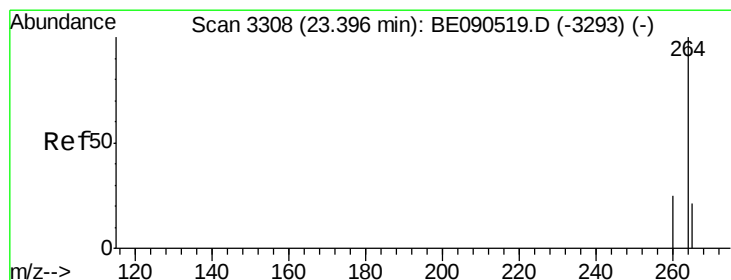
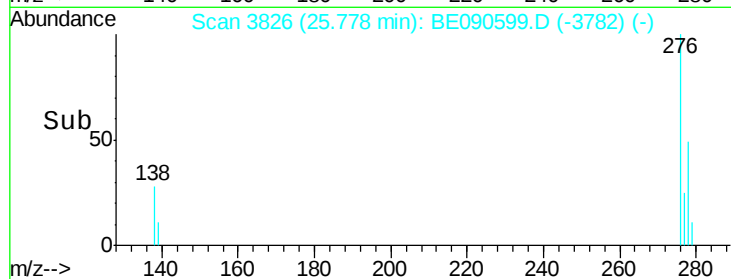
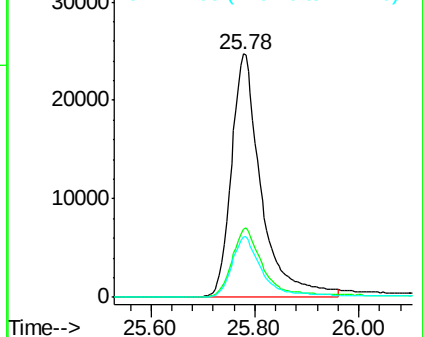
277 24.9 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

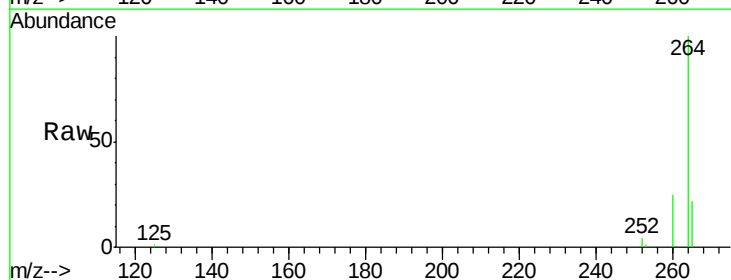
Tgt Ion: 264 Resp: 90978

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

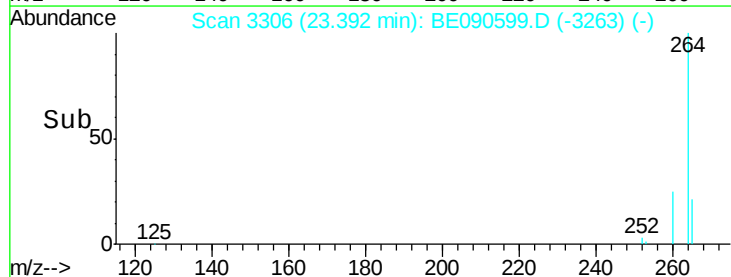
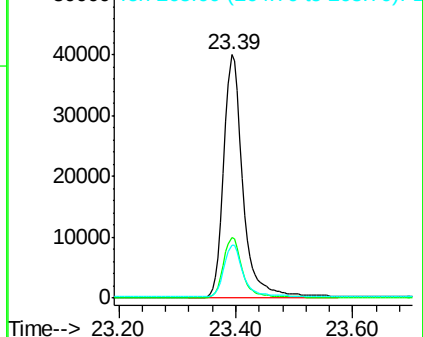
265 21.9 17.2 25.8



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





#33

Benzo(b)fluoranthene

Concen: 4.05 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

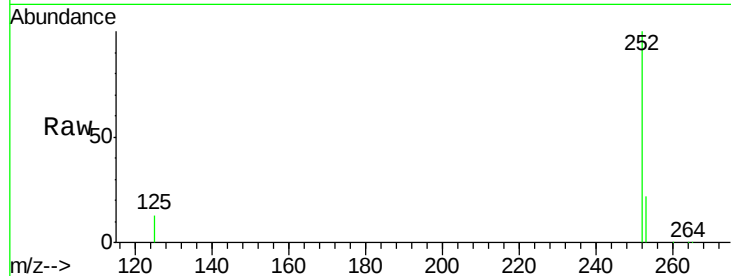
Tgt Ion:252 Resp: 87225

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

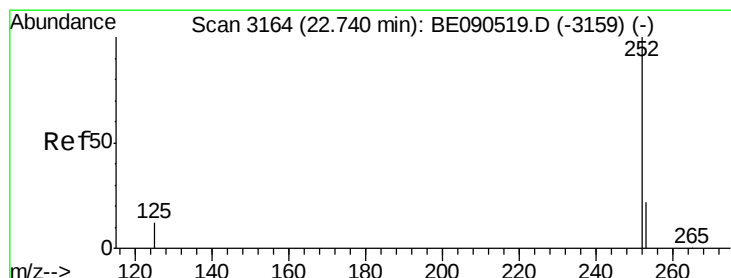
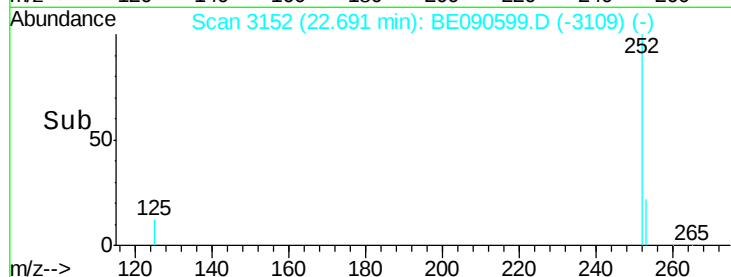
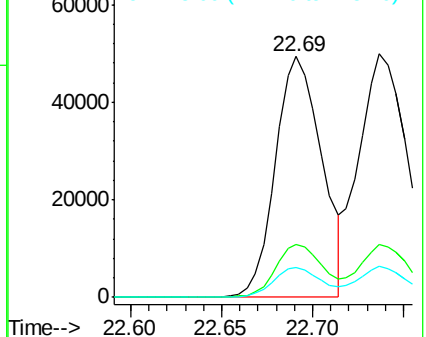
125 12.5 9.4 14.2



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



#34

Benzo(k)fluoranthene

Concen: 4.25 ng

RT: 22.74 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

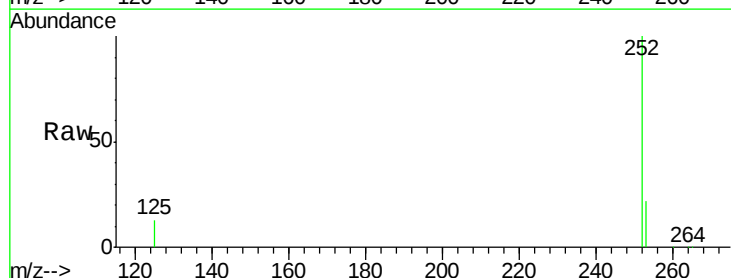
Tgt Ion:252 Resp: 103732

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

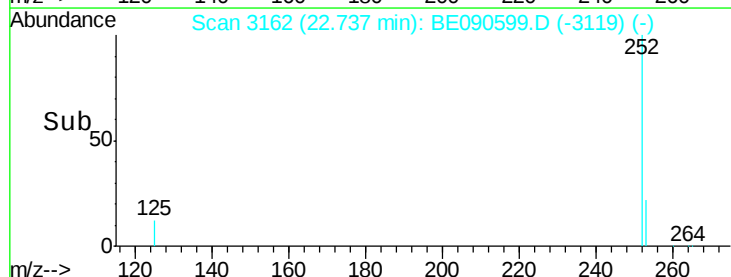
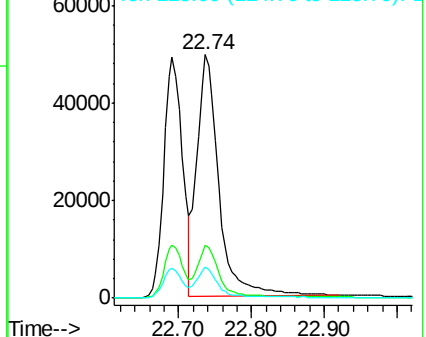
125 12.5 9.1 13.7

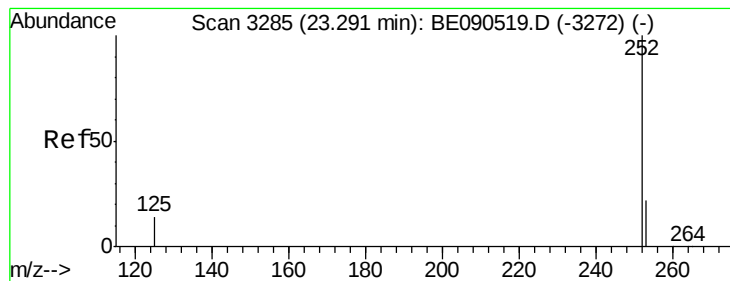


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 4.40 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

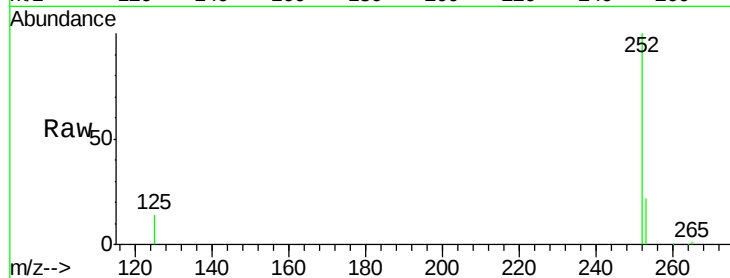
Tgt Ion:252 Resp: 88756

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

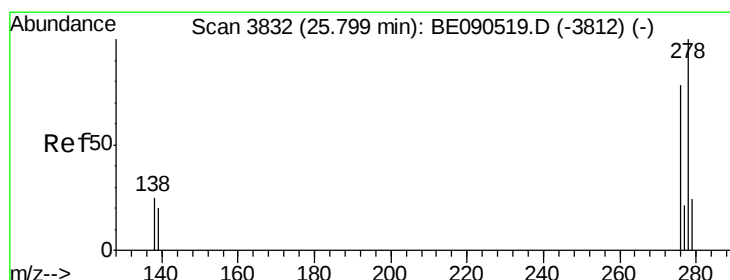
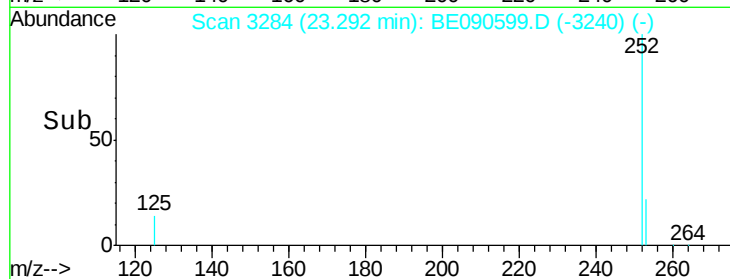
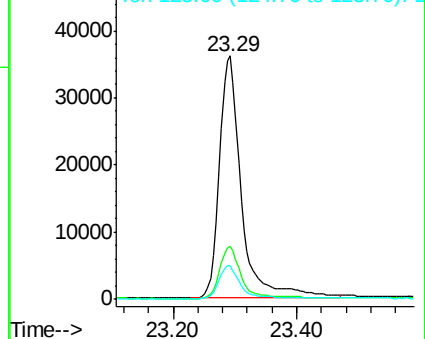
125 13.9 9.8 14.6



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: 3.97 ng

RT: 25.80 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

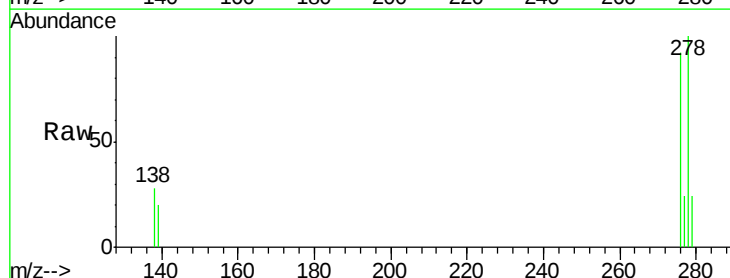
Tgt Ion:278 Resp: 77283

Ion Ratio Lower Upper

278 100

139 19.6 14.2 21.4

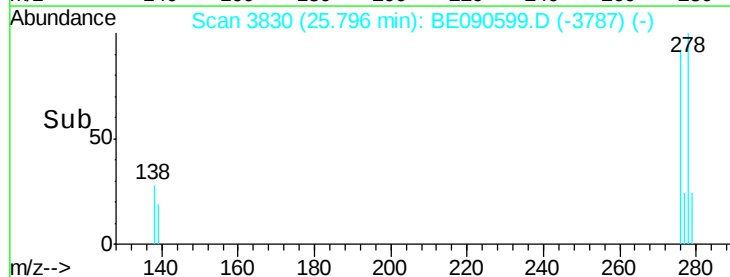
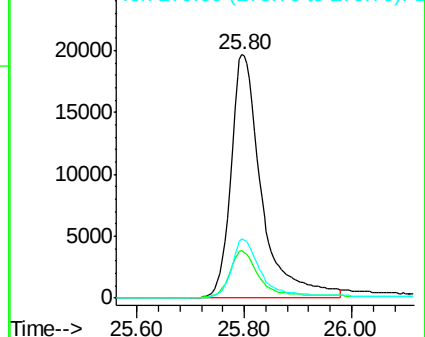
279 24.3 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 4.07 ng

RT: 26.51 min Scan# 3986

Delta R.T. -0.00 min

Lab File: BE090599.D

Acq: 24 Aug 2015 13:58

Instrument :

BNA_E

ClientSampleId :

IDOC-S-02

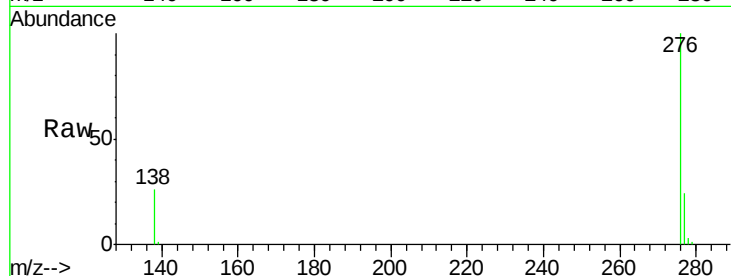
Tgt Ion: 276 Resp: 86564

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 25.8 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

