

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
 Data File : BE090755.D
 Acq On : 8 Sep 2015 19:15
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Sep 08 23:08:18 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:05:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	63806	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	302410	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	170685	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	408731	5.00	ng	0.00
25) Chrysene-d12	21.07	240	492339	5.00	ng	0.00
32) Perylene-d12	23.36	264	456660	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	12729	1.04	ng	0.00
5) Phenol-d6	6.75	99	20177	1.14	ng	0.00
7) Nitrobenzene-d5	8.70	82	20517	1.03	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	4834	1.10	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	45766	0.97	ng	0.00
27) Terphenyl-d14	19.53	244	60924	1.12	ng	0.00

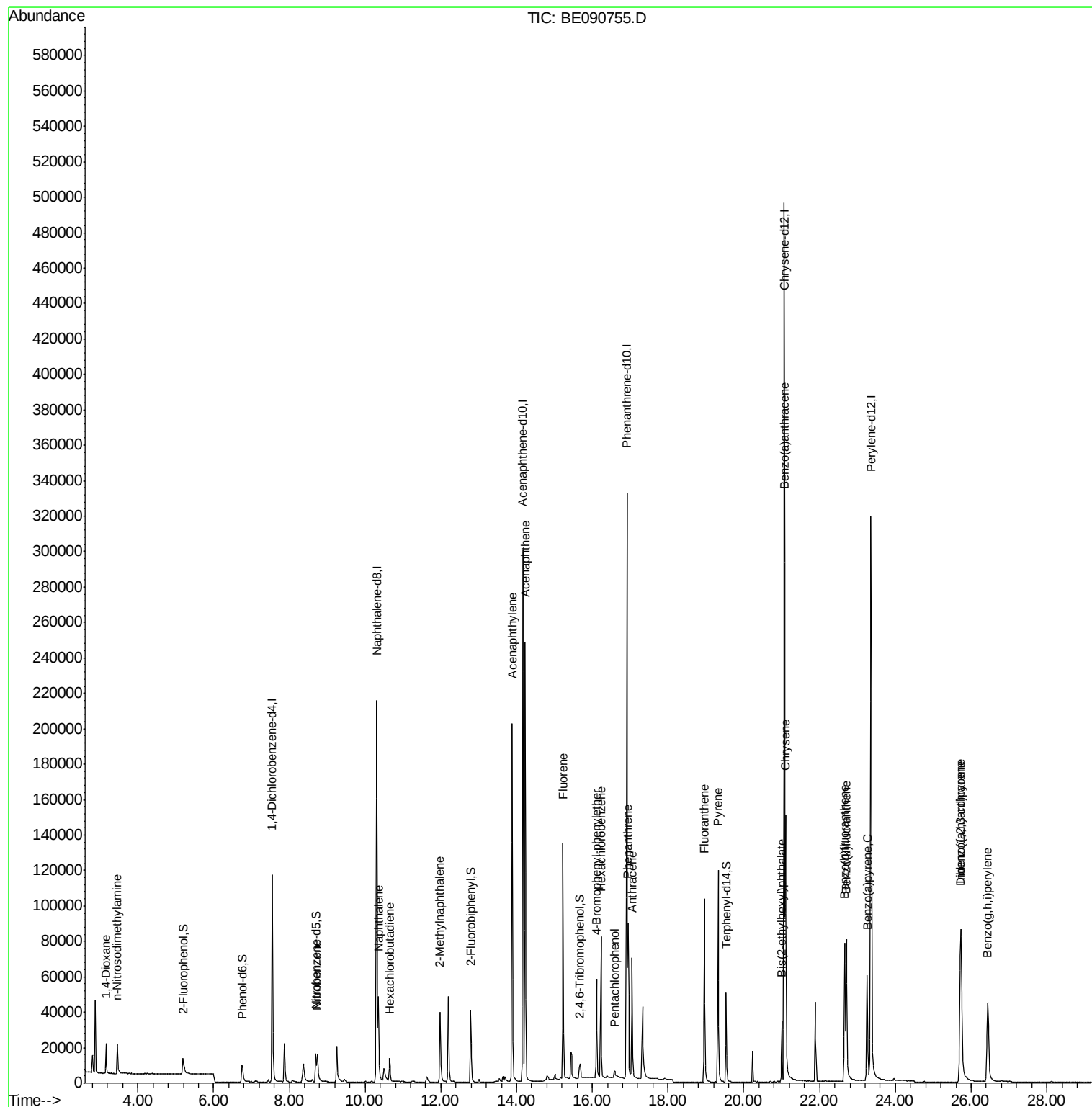
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	8973	0.94	ng	97
3) n-Nitrosodimethylamine	3.45	42	11563	0.96	ng	# 95
8) Nitrobenzene	8.74	77	22743	1.01	ng	99
9) Naphthalene	10.36	128	66562	1.01	ng	99
10) Hexachlorobutadiene	10.65	225	9901	0.96	ng	99
11) 2-Methylnaphthalene	11.98	142	40139	1.13	ng	99
15) Acenaphthylene	13.88	152	281459	1.03	ng	100
16) Acenaphthene	14.23	154	45474	1.00	ng	92
17) Fluorene	15.22	166	57558	1.01	ng	96
19) 4-Bromophenyl-phenylether	16.11	248	14400	1.03	ng	98
20) Hexachlorobenzene	16.23	284	73156	1.00	ng	98
21) Pentachlorophenol	16.60	266	4203	1.16	ng	98
22) Phenanthrene	16.94	178	104116	1.03	ng	99
23) Anthracene	17.05	178	94104	1.11	ng	99
24) Fluoranthene	18.96	202	109921	1.03	ng	99
26) Pyrene	19.32	202	118892	1.17	ng	99
28) Benzo(a)anthracene	21.05	228	118471	1.09	ng	100
29) Chrysene	21.11	228	131652	1.10	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	31484	1.11	ng	100
31) Indeno(1,2,3-cd)pyrene	25.72	276	131877	1.13	ng	99
33) Benzo(b)fluoranthene	22.66	252	105652	1.07	ng	99
34) Benzo(k)fluoranthene	22.70	252	119622	1.04	ng	99
35) Benzo(a)pyrene	23.26	252	95833	1.08	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	102623	1.06	ng	100
37) Benzo(g,h,i)perylene	26.44	276	104242	1.02	ng	99

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
Data File : BE090755.D
Acq On : 8 Sep 2015 19:15
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Sep 08 23:08:18 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:05:35 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

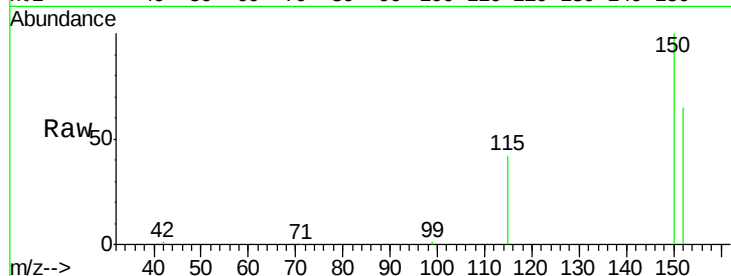
Tgt Ion:152 Resp: 63806

Ion Ratio Lower Upper

152 100

150 154.5 122.2 183.4

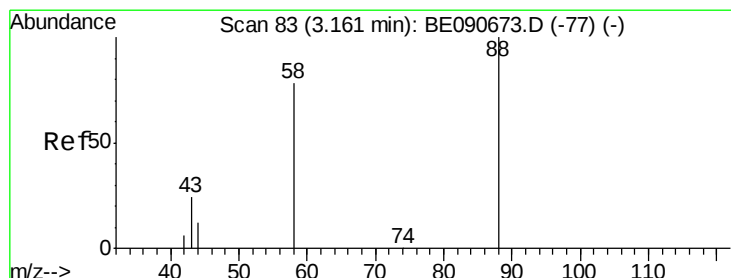
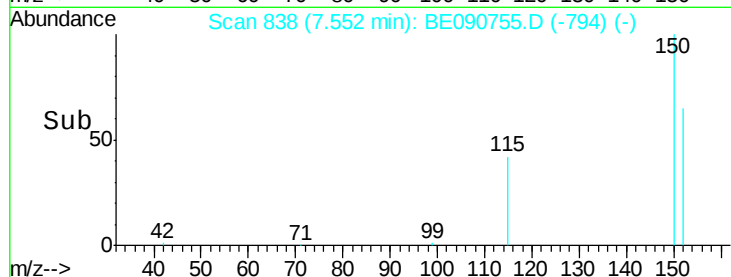
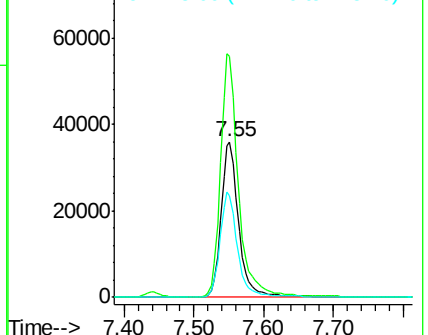
115 65.5 51.0 76.4



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: 0.94 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

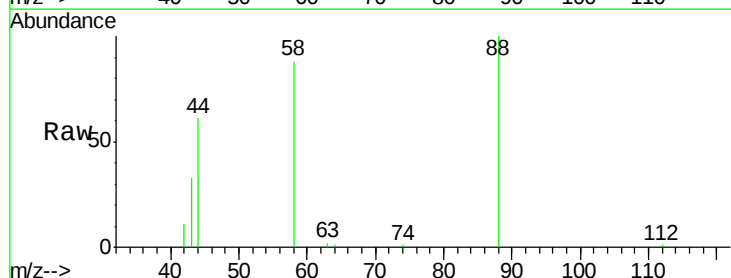
Tgt Ion: 88 Resp: 8973

Ion Ratio Lower Upper

88 100

58 89.2 68.4 102.6

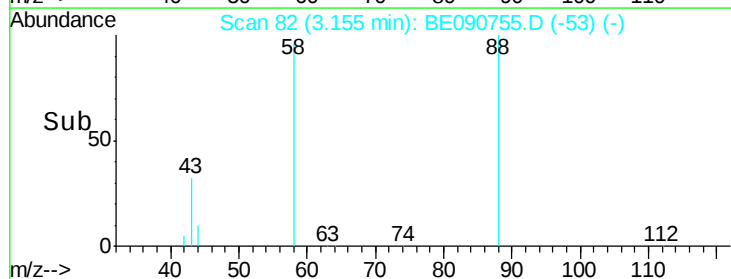
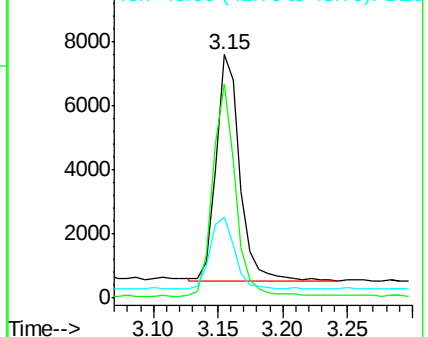
43 33.7 26.9 40.3

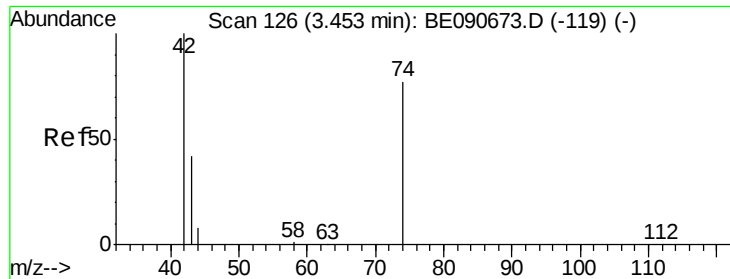


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 3.45 min Scan# 126

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

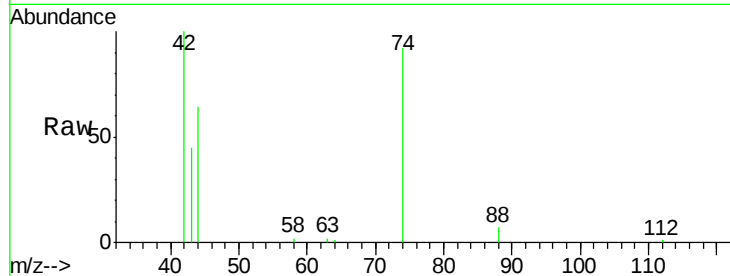
Tgt Ion: 42 Resp: 11563

Ion Ratio Lower Upper

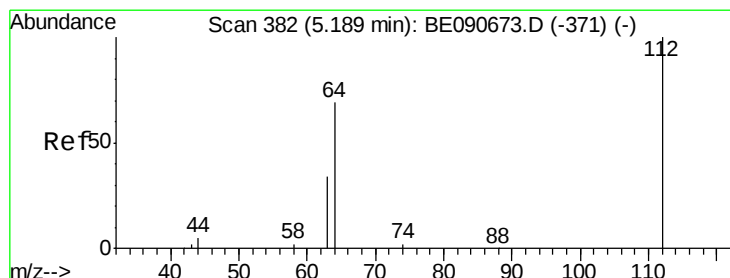
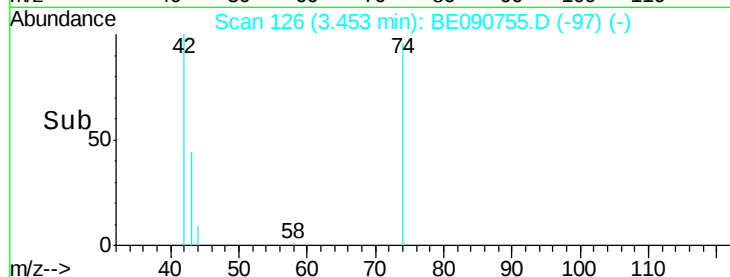
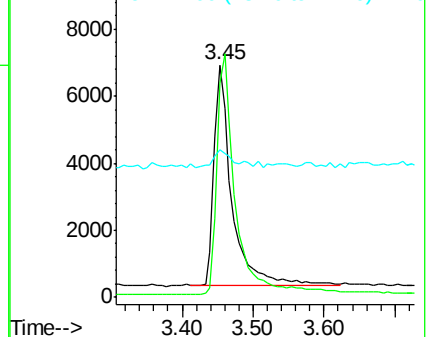
42 100

74 108.1 83.7 125.5

44 6.7 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: 1.04 ng

RT: 5.19 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

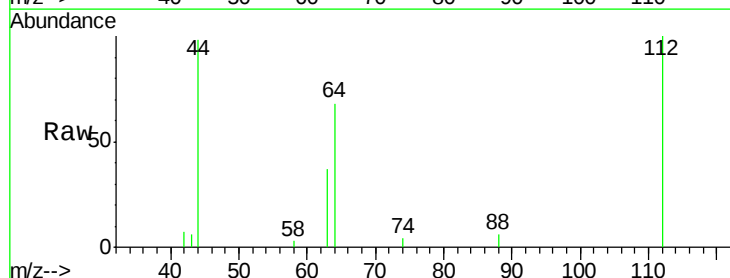
Tgt Ion: 112 Resp: 12729

Ion Ratio Lower Upper

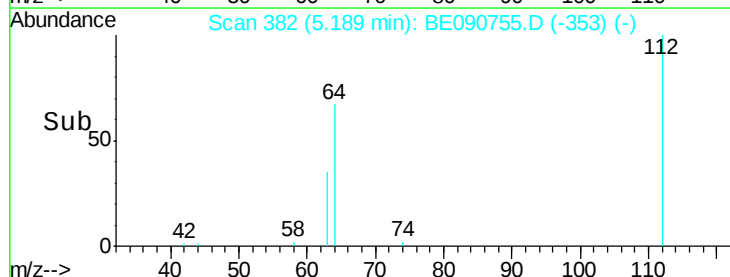
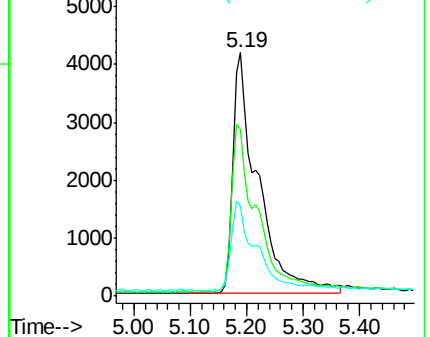
112 100

64 70.5 57.3 85.9

63 36.6 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: 1.14 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

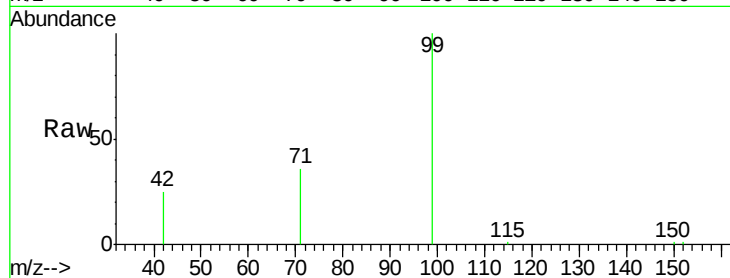
Tgt Ion: 99 Resp: 20177

Ion Ratio Lower Upper

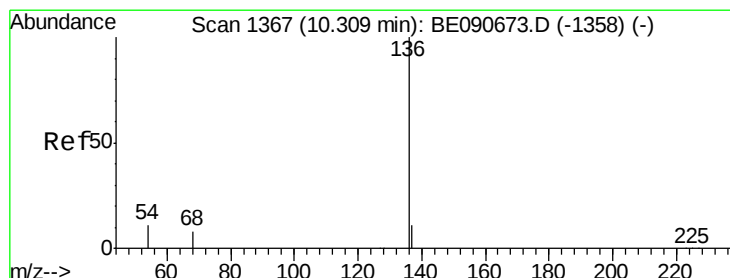
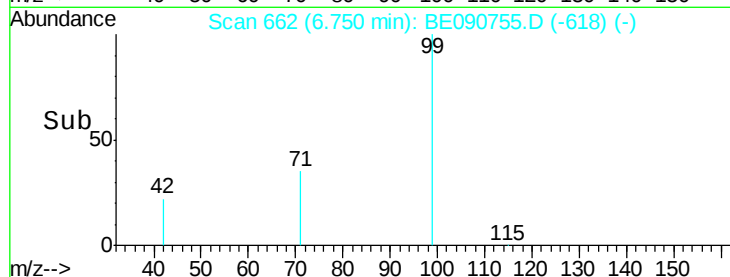
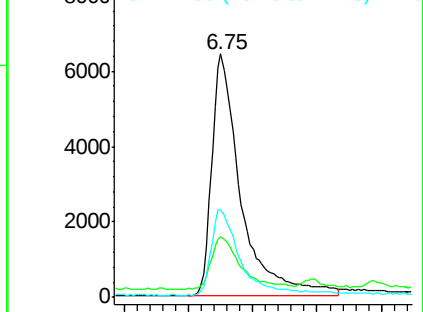
99 100

42 22.8 16.8 25.2

71 34.6 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. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Tgt Ion: 136 Resp: 302410

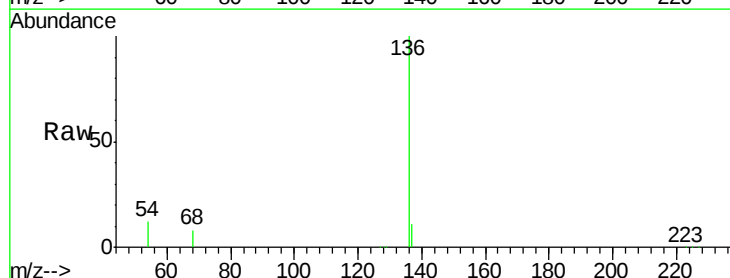
Ion Ratio Lower Upper

136 100

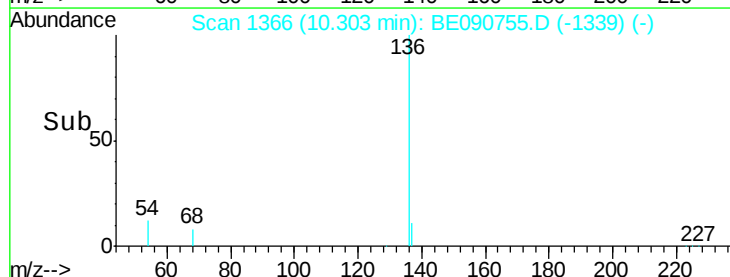
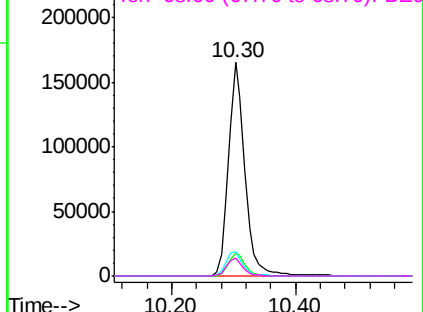
137 10.7 8.7 13.1

54 11.6 9.0 13.6

68 8.3 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: 1.03 ng

RT: 8.70 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

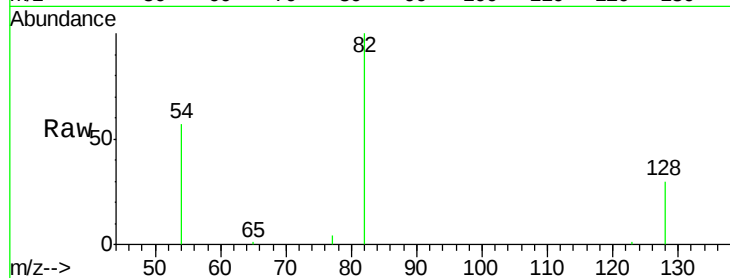
Tgt Ion: 82 Resp: 20517

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.4

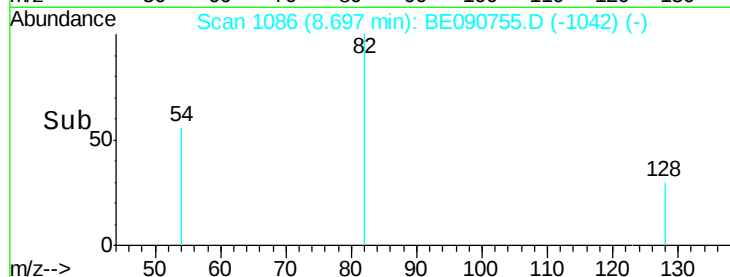
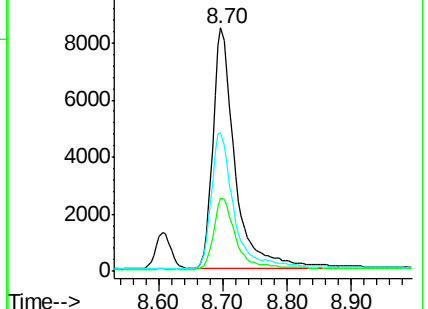
54 57.0 46.3 69.5



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: 1.01 ng

RT: 8.74 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

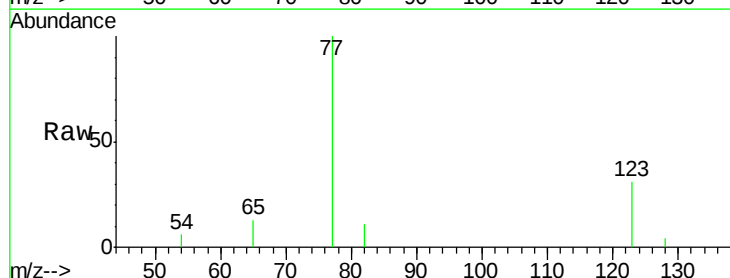
Tgt Ion: 77 Resp: 22743

Ion Ratio Lower Upper

77 100

123 32.0 25.1 37.7

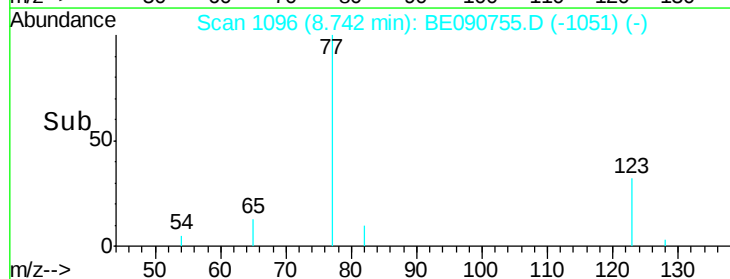
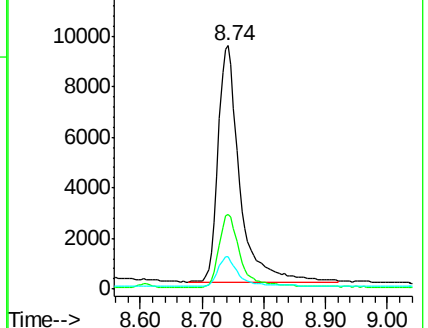
65 12.0 9.9 14.9



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: 1.01 ng

RT: 10.36 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

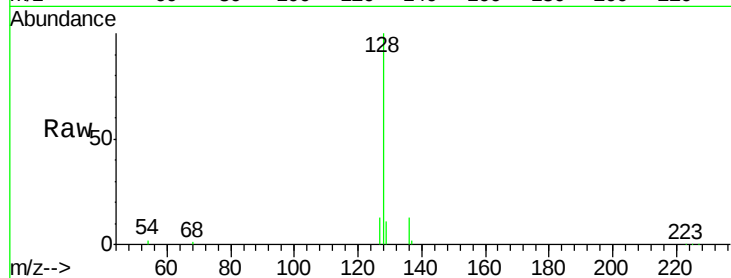
Tgt Ion:128 Resp: 66562

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

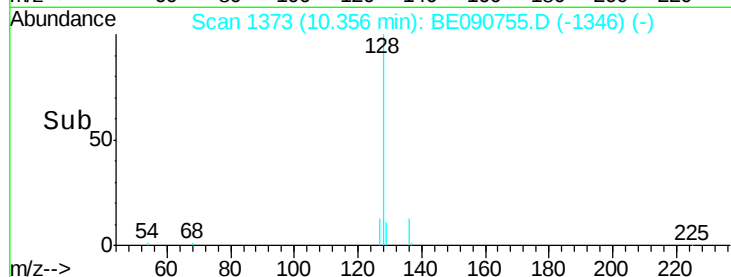
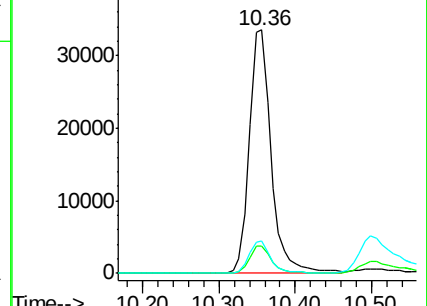
127 13.5 10.6 15.8



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: 0.96 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

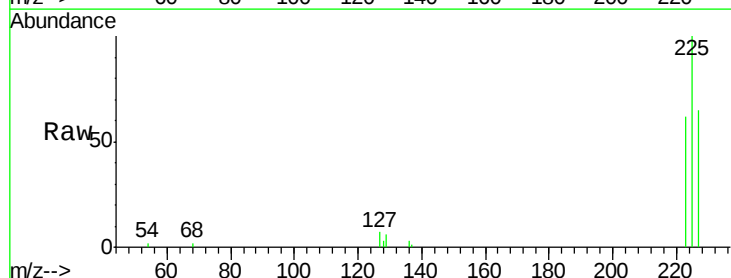
Tgt Ion:225 Resp: 9901

Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

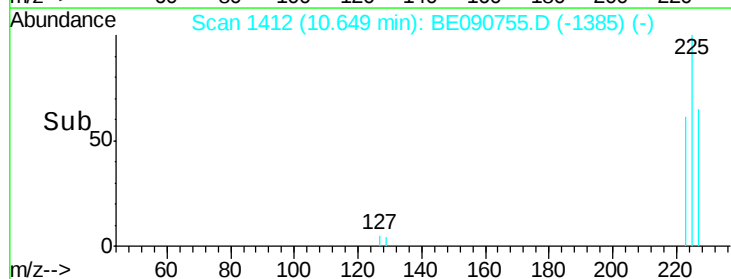
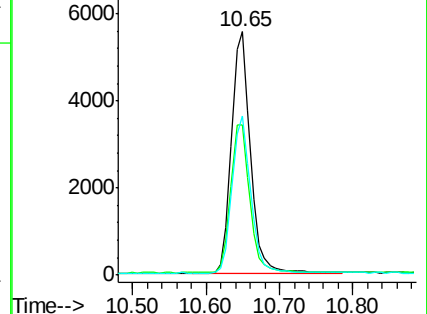
227 64.2 51.0 76.6



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: 1.13 ng

RT: 11.98 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

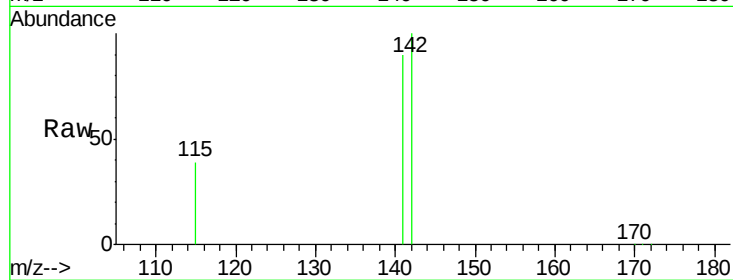
Tgt Ion:142 Resp: 40139

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.2

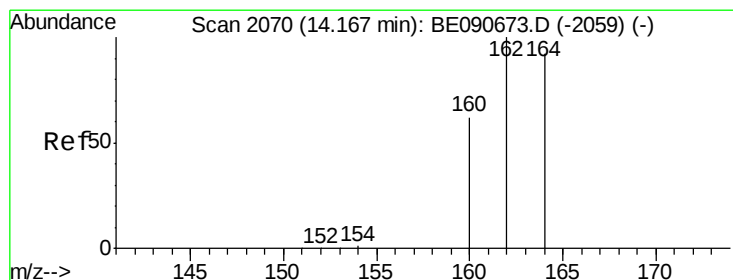
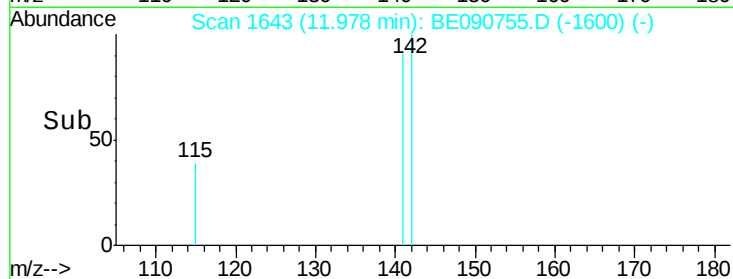
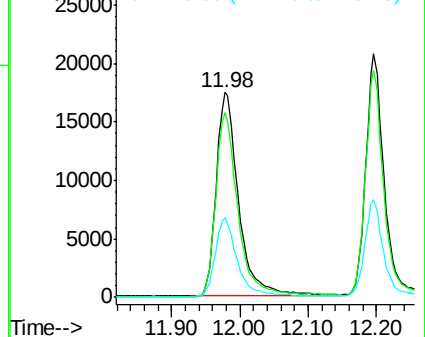
115 38.9 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

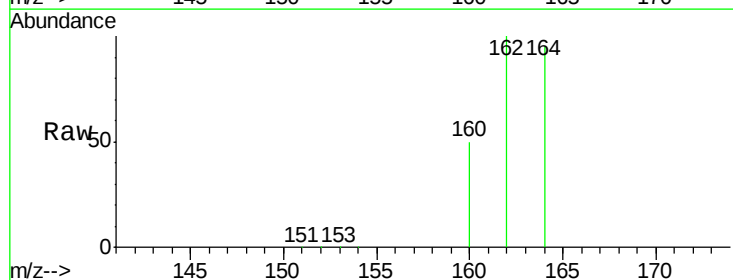
Tgt Ion:164 Resp: 170685

Ion Ratio Lower Upper

164 100

162 105.5 86.8 130.2

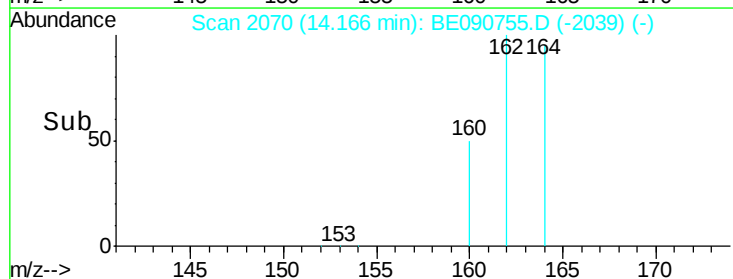
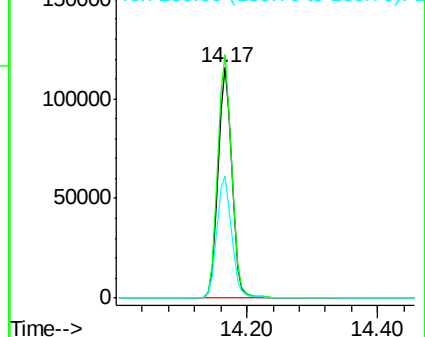
160 52.9 53.9 80.9#



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

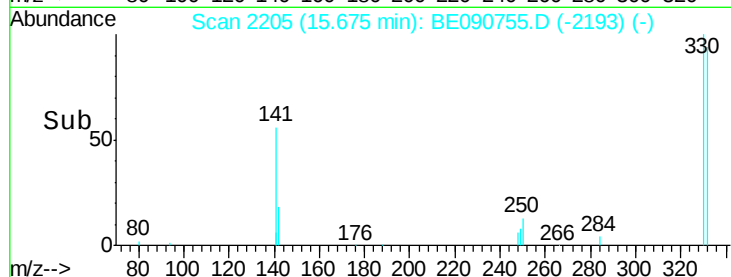
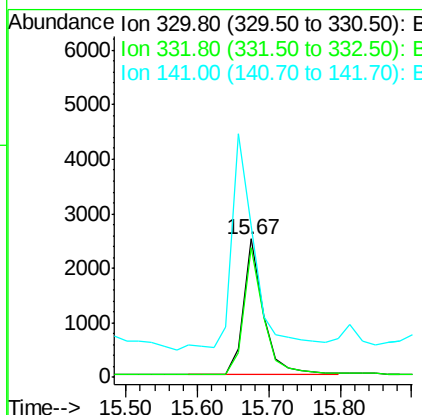
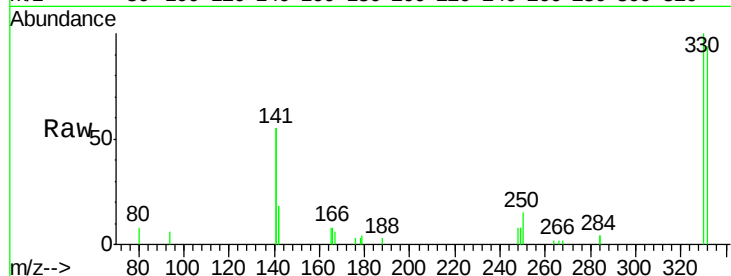




#13
 2,4,6-Tribromophenol
 Concen: 1.10 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE090755.D
 Acq: 8 Sep 2015 19:15

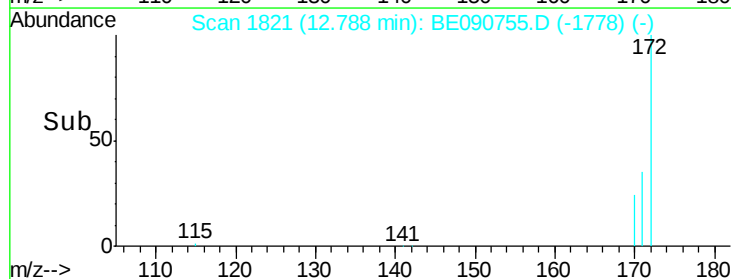
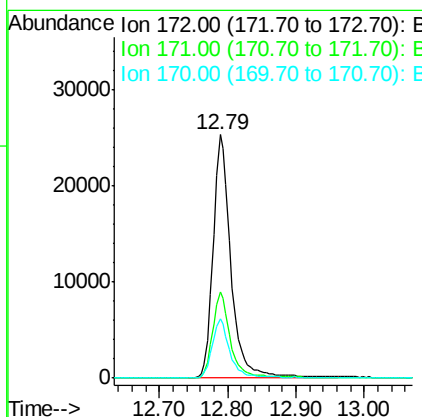
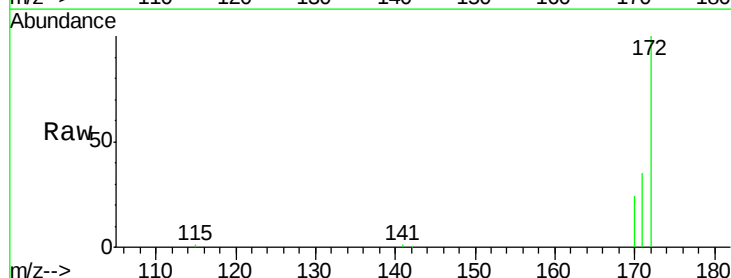
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

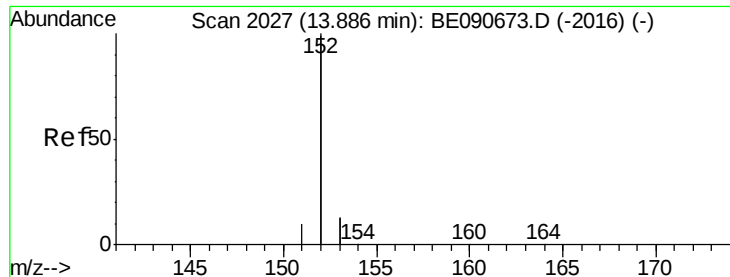
Tgt Ion: 330 Resp: 4834
 Ion Ratio Lower Upper
 330 100
 332 95.5 74.9 112.3
 141 181.2 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BE090755.D
 Acq: 8 Sep 2015 19:15

Tgt Ion: 172 Resp: 45766
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.8 41.8
 170 24.2 19.8 29.6





#15

Acenaphthylene

Concen: 1.03 ng

RT: 13.88 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

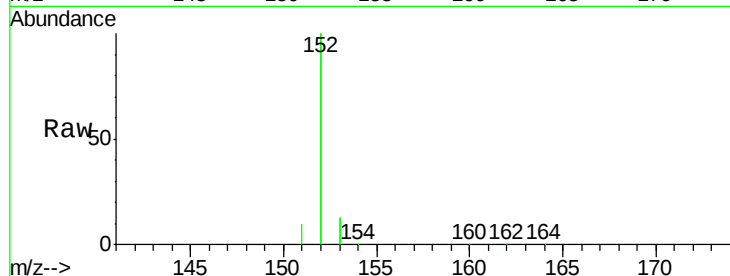
Tgt Ion:152 Resp: 281459

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

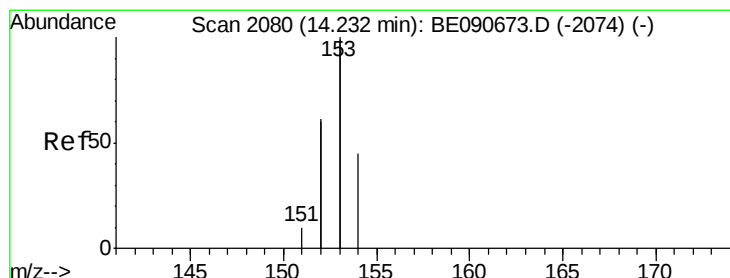
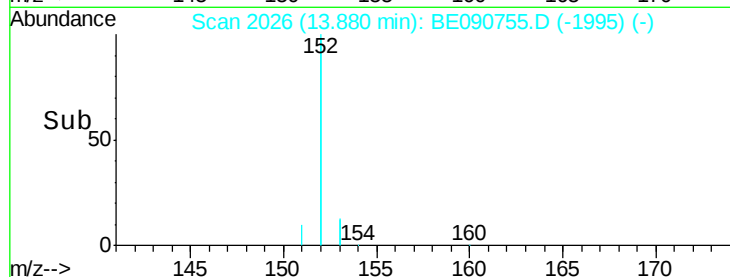
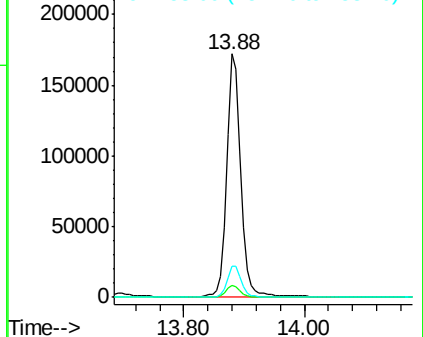
153 12.9 10.3 15.5



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: 1.00 ng

RT: 14.23 min Scan# 2079

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

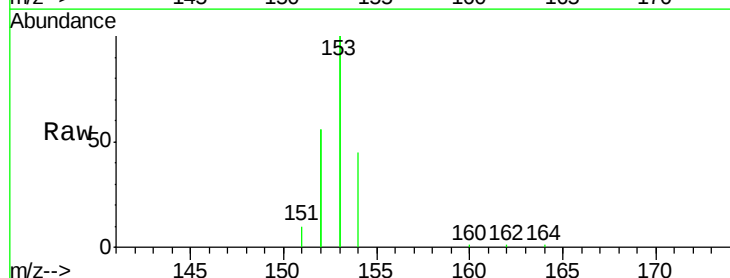
Tgt Ion:154 Resp: 45474

Ion Ratio Lower Upper

154 100

153 441.1 354.5 531.7

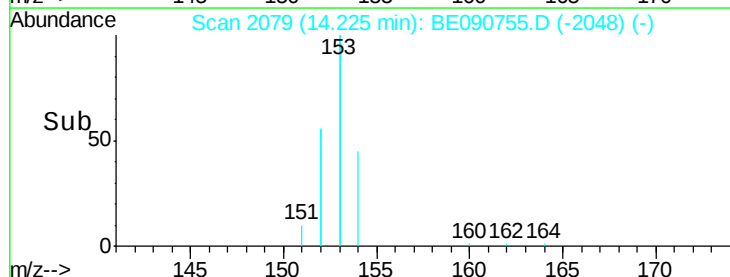
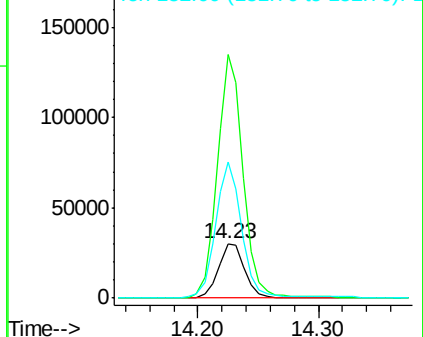
152 248.9 227.8 341.6

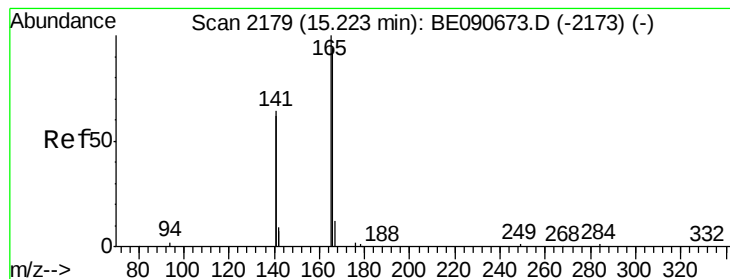


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.01 ng

RT: 15.22 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

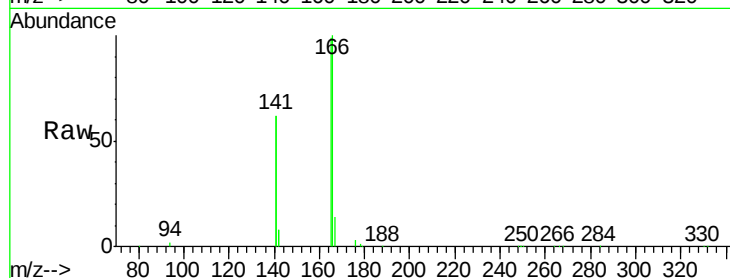
Tgt Ion:166 Resp: 57558

Ion Ratio Lower Upper

166 100

165 99.4 82.7 124.1

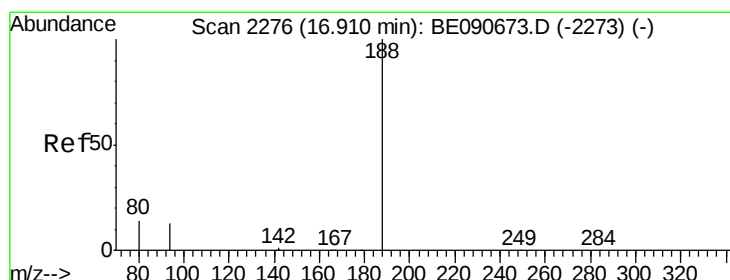
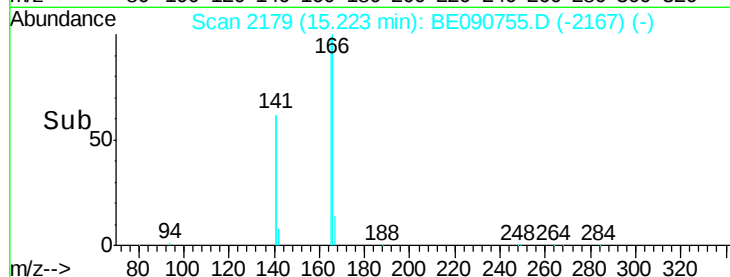
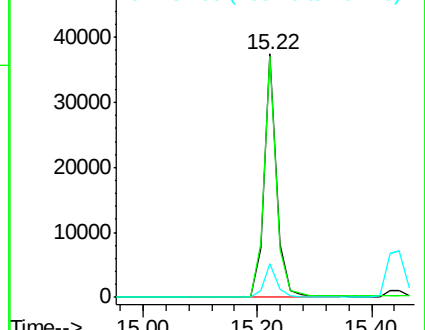
167 14.0 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

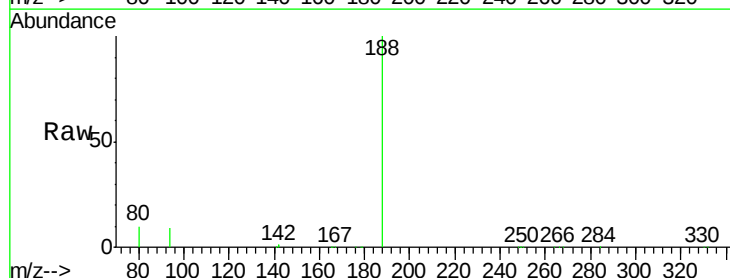
Tgt Ion:188 Resp: 408731

Ion Ratio Lower Upper

188 100

94 9.2 10.3 15.5#

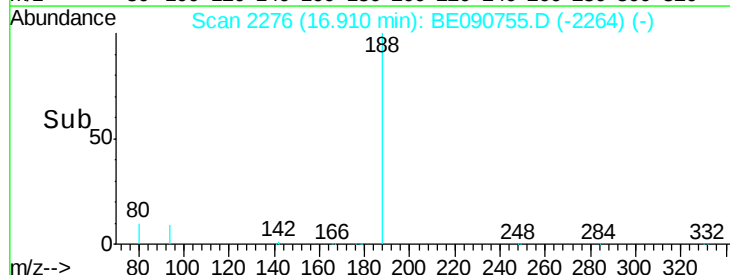
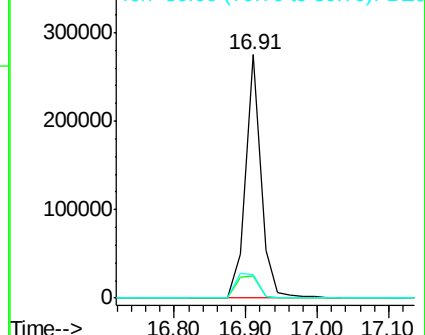
80 9.9 11.0 16.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 1.03 ng

RT: 16.11 min Scan# 2230

Delta R.T. -0.02 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

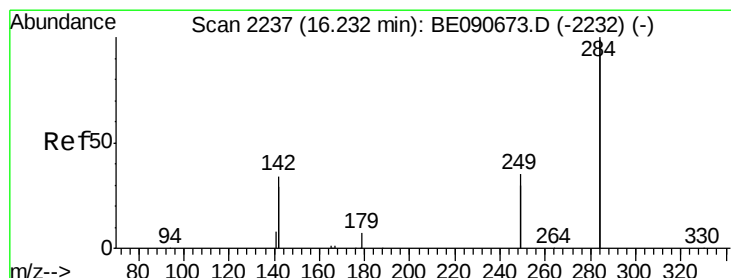
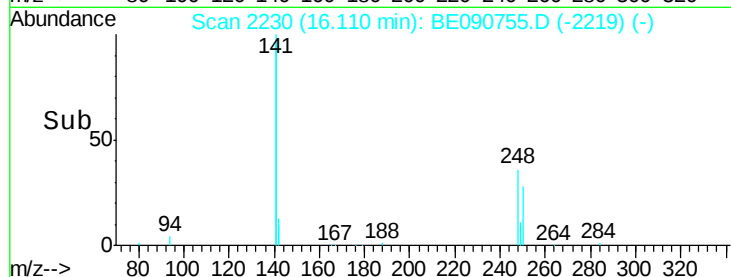
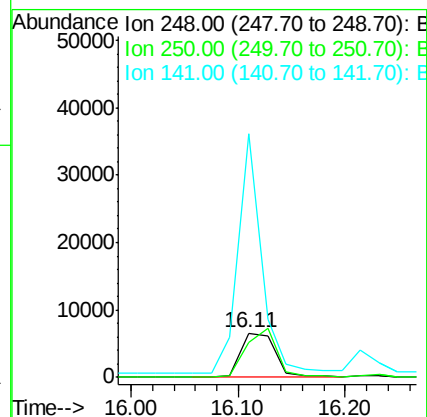
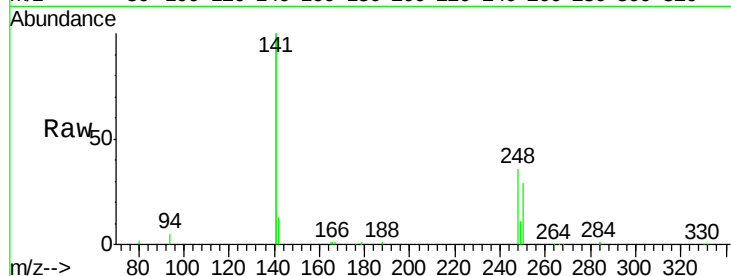
Tgt Ion:248 Resp: 14400

Ion Ratio Lower Upper

248 100

250 98.9 76.7 115.1

141 370.5 292.6 439.0



#20

Hexachlorobenzene

Concen: 1.00 ng

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

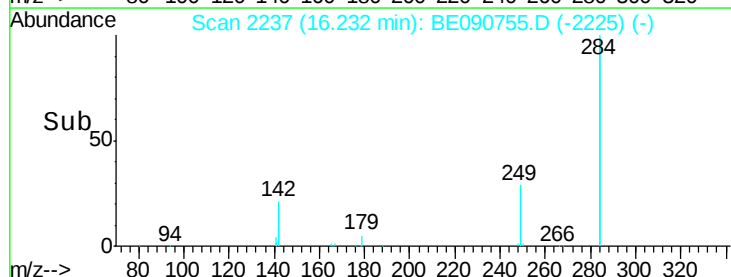
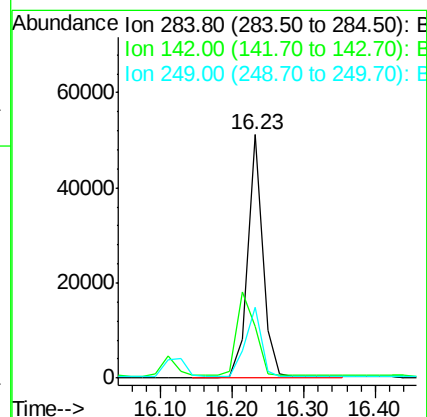
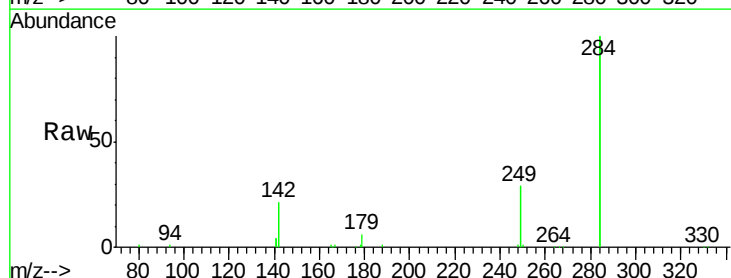
Tgt Ion:284 Resp: 73156

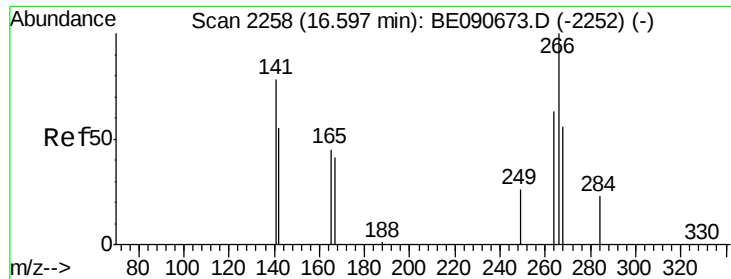
Ion Ratio Lower Upper

284 100

142 42.3 35.0 52.4

249 31.2 25.5 38.3

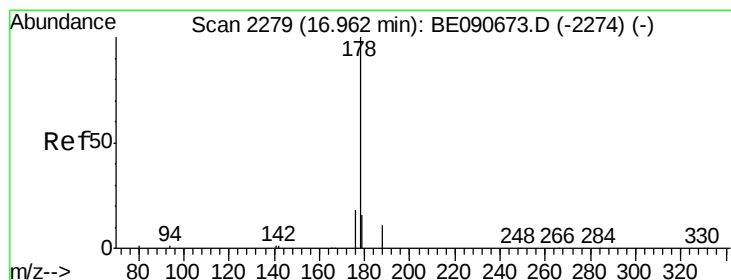
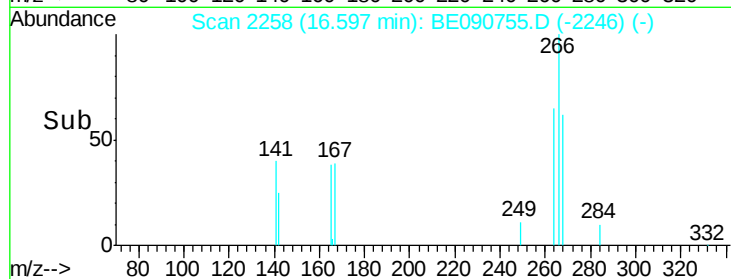
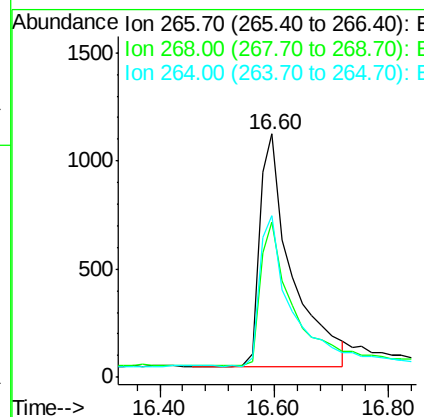
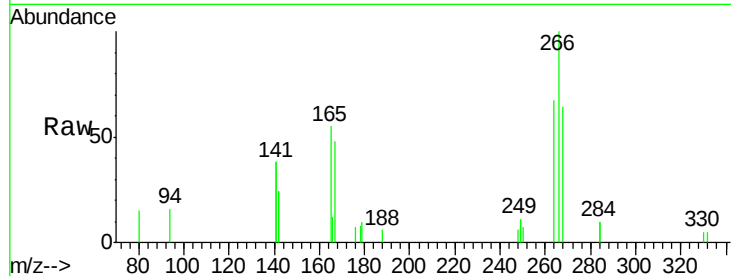




#21
 Pentachlorophenol
 Concen: 1.16 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090755.D
 Acq: 8 Sep 2015 19:15

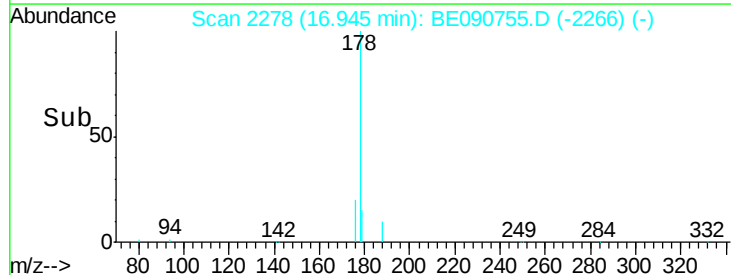
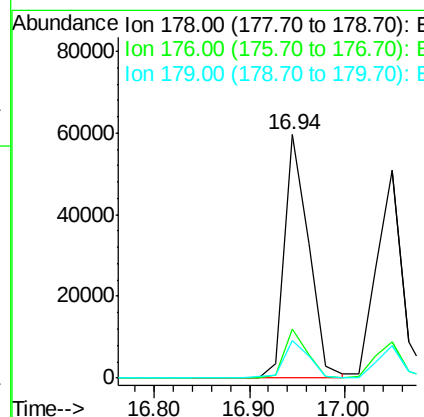
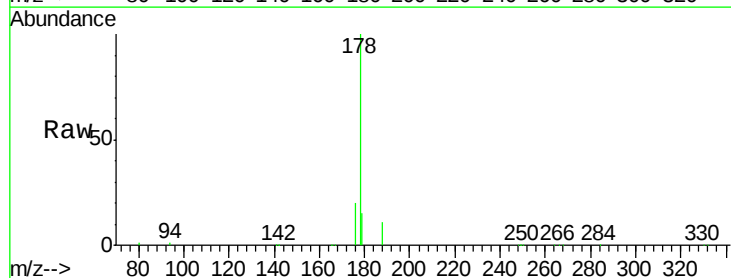
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 266 Resp: 4203
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.6 74.4
 264 66.6 53.9 80.9



#22
 Phenanthrene
 Concen: 1.03 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090755.D
 Acq: 8 Sep 2015 19:15

Tgt Ion: 178 Resp: 104116
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.9 12.8 19.2





#23

Anthracene

Concen: 1.11 ng

RT: 17.05 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

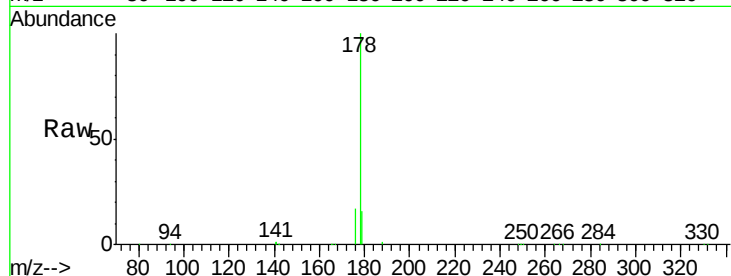
Tgt Ion:178 Resp: 94104

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.6

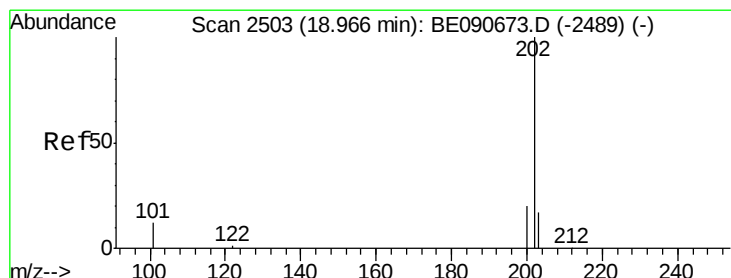
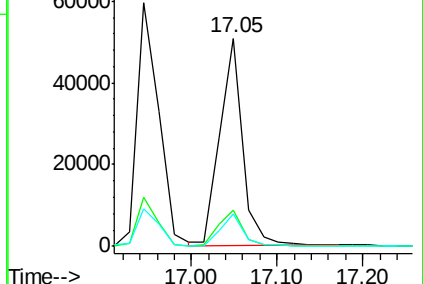
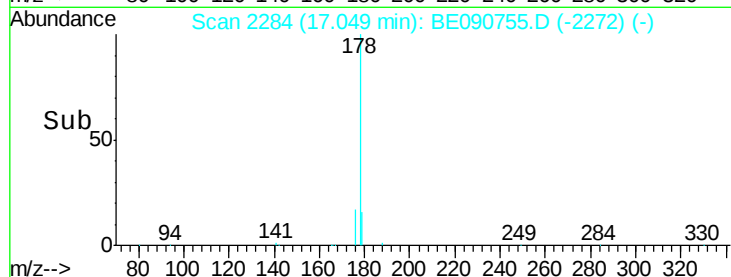
179 15.0 12.3 18.5



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



#24

Fluoranthene

Concen: 1.03 ng

RT: 18.96 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

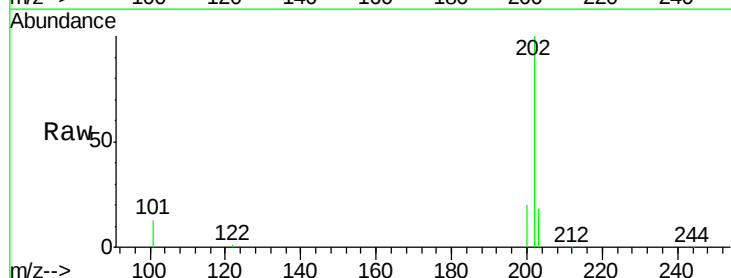
Tgt Ion:202 Resp: 109921

Ion Ratio Lower Upper

202 100

101 14.3 11.0 16.6

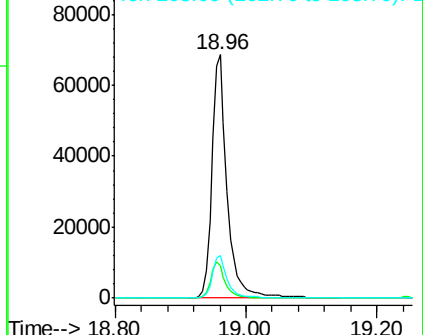
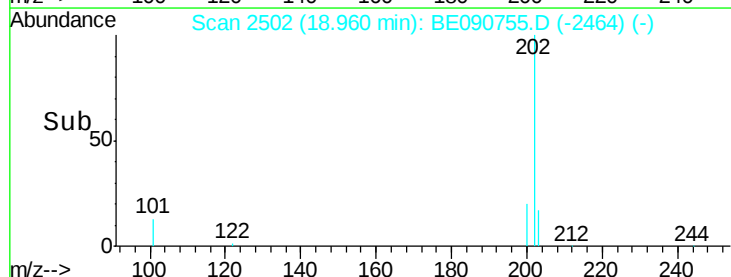
203 17.3 13.9 20.9

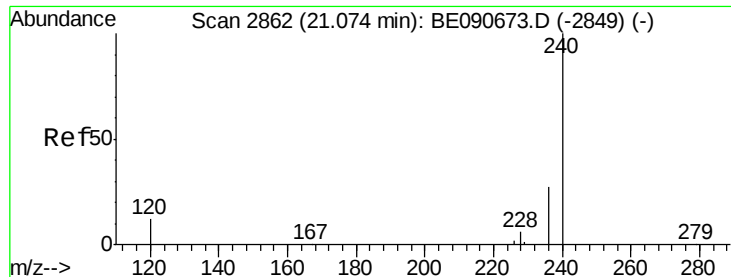


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

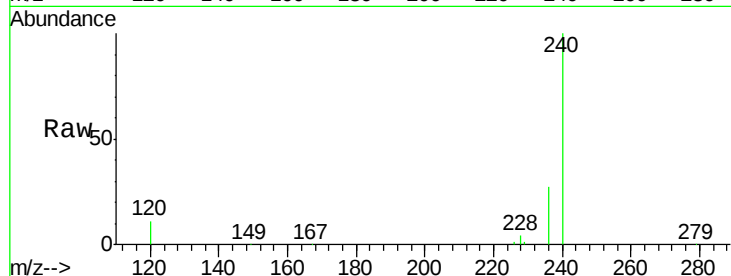
Tgt Ion:240 Resp: 492339

Ion Ratio Lower Upper

240 100

120 11.4 10.1 15.1

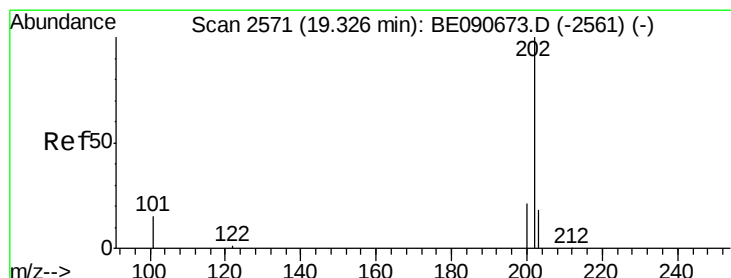
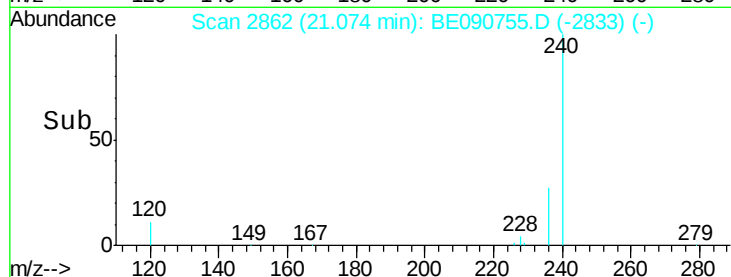
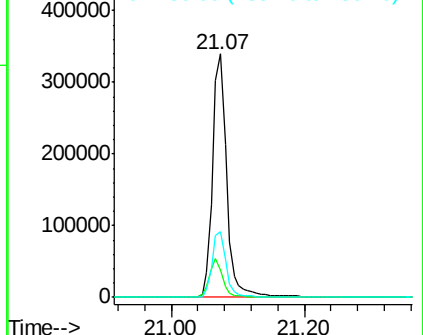
236 27.2 21.9 32.9



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



#26

Pyrene

Concen: 1.17 ng

RT: 19.32 min Scan# 2570

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

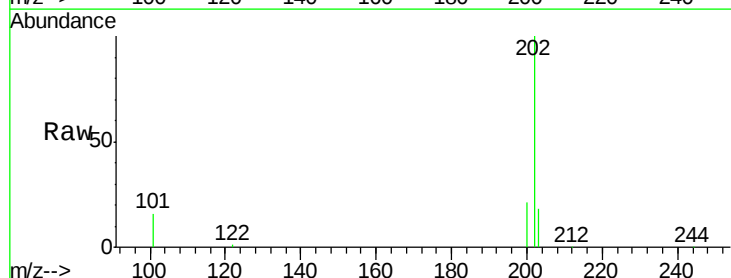
Tgt Ion:202 Resp: 118892

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

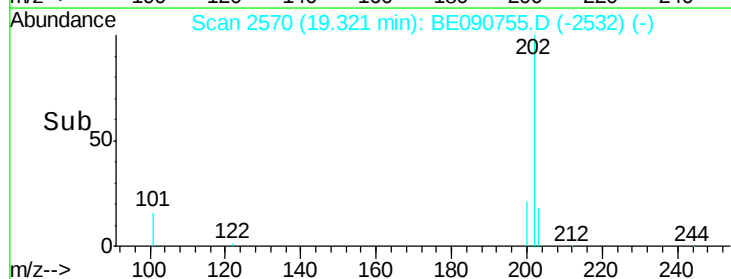
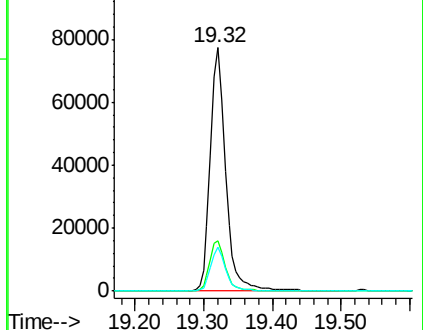
203 17.5 13.8 20.6

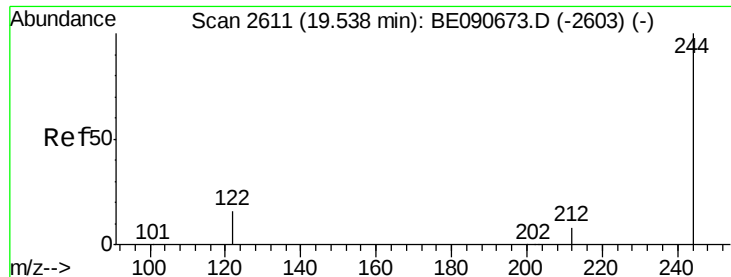


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

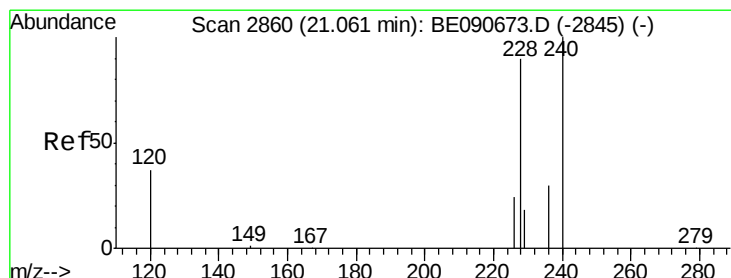
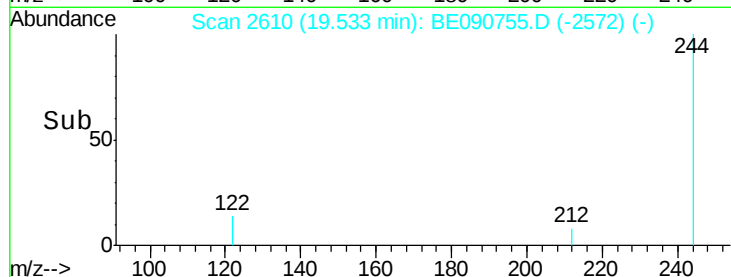
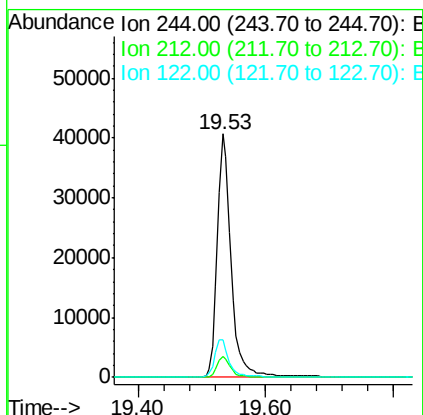
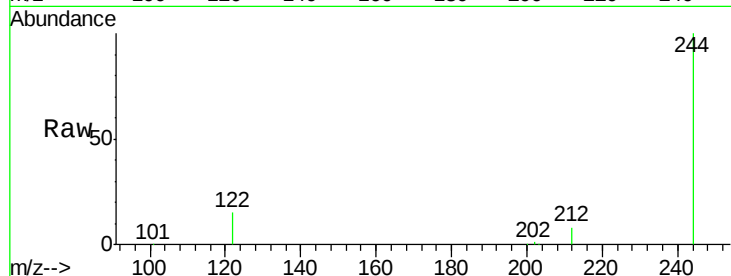




#27
 Terphenyl-d14
 Concen: 1.12 ng
 RT: 19.53 min Scan# 2610
 Delta R.T. -0.00 min
 Lab File: BE090755.D
 Acq: 8 Sep 2015 19:15

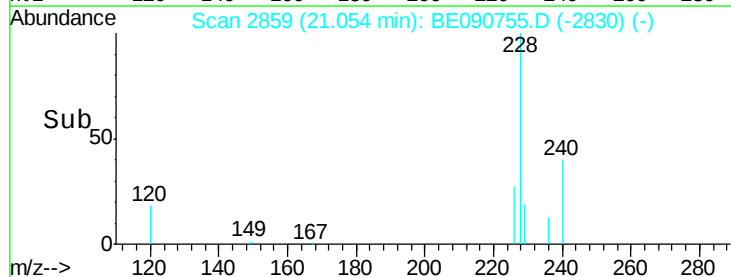
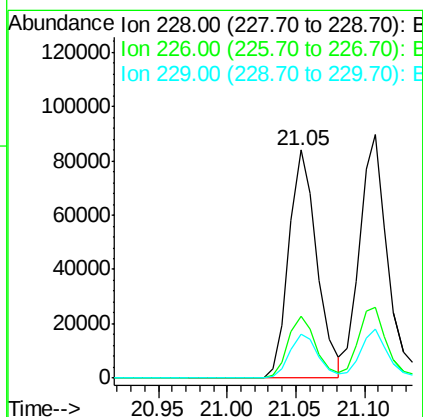
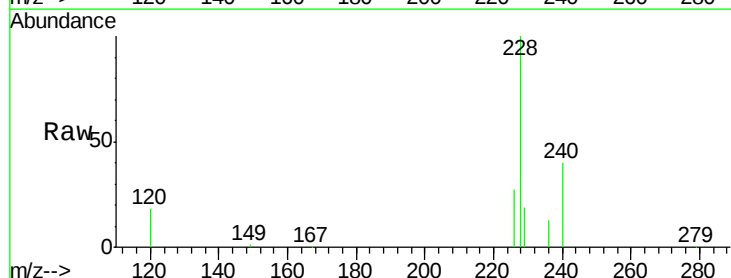
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

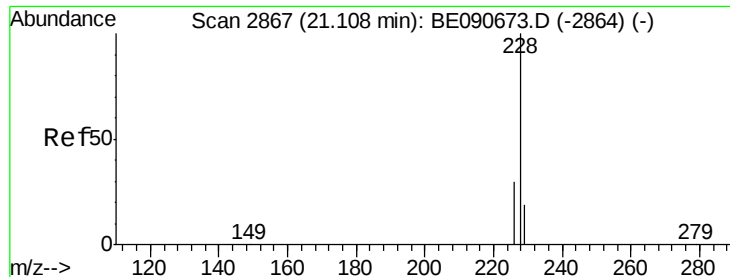
Tgt Ion:244 Resp: 60924
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 15.2 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 1.09 ng
 RT: 21.05 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: BE090755.D
 Acq: 8 Sep 2015 19:15

Tgt Ion:228 Resp: 118471
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.6 32.4
 229 19.5 15.9 23.9





#29

Chrysene

Concen: 1.10 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

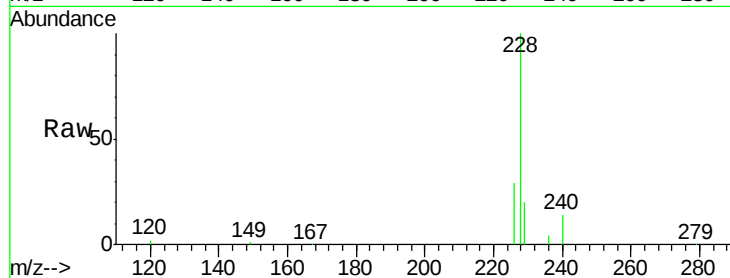
Tgt Ion:228 Resp: 131652

Ion Ratio Lower Upper

228 100

226 29.0 24.2 36.4

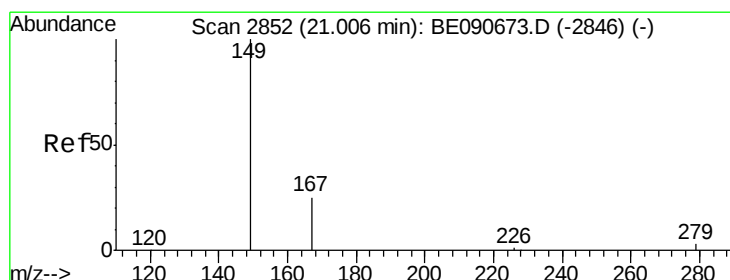
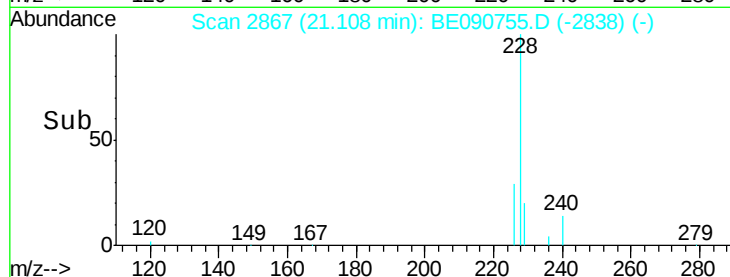
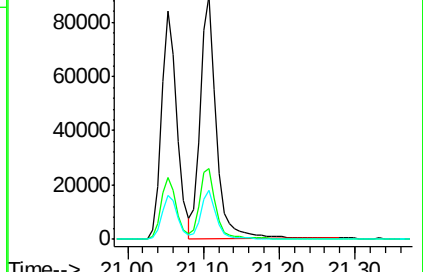
229 20.1 15.3 22.9



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.11 ng

RT: 21.00 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

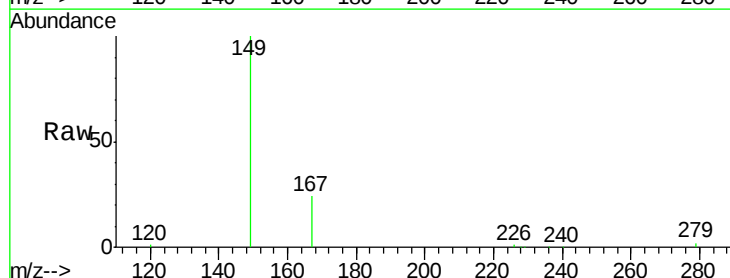
Tgt Ion:149 Resp: 31484

Ion Ratio Lower Upper

149 100

167 24.9 20.1 30.1

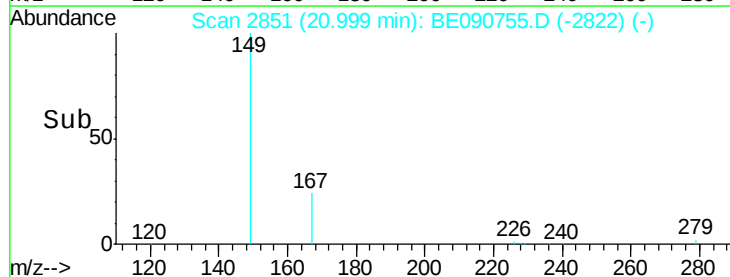
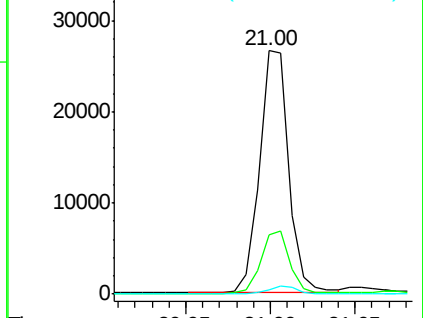
279 2.9 2.3 3.5



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

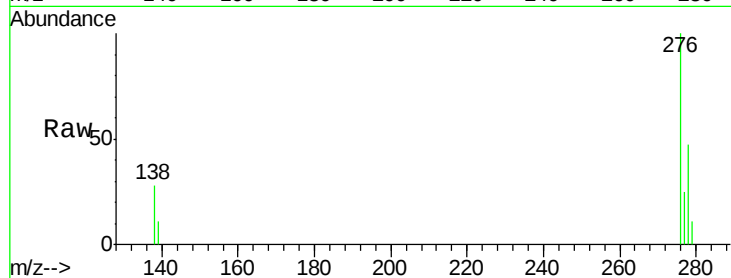




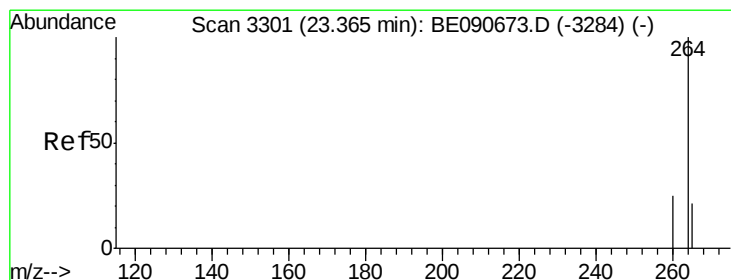
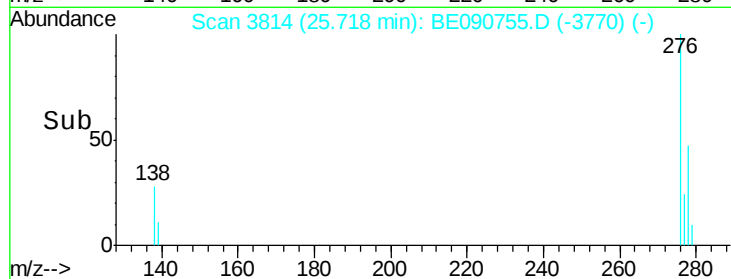
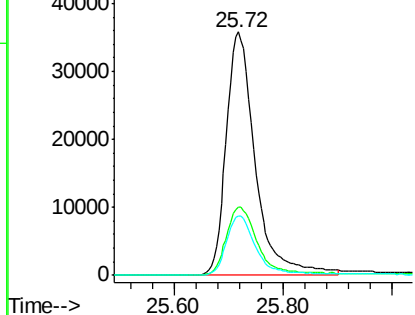
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 1.13 ng
 RT: 25.72 min Scan# 3814
 Delta R.T. -0.00 min
 Lab File: BE090755.D
 Acq: 8 Sep 2015 19:15

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 276 Resp: 131877
 Ion Ratio Lower Upper
 276 100
 138 29.8 23.3 34.9
 277 24.2 19.8 29.6

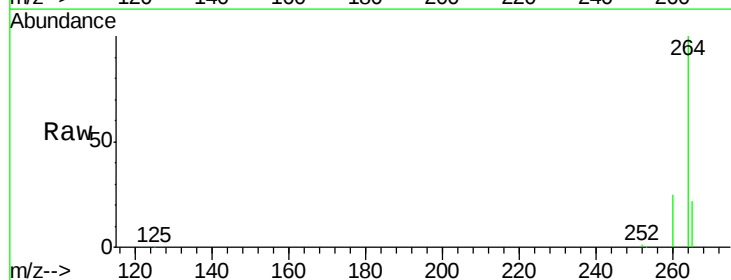


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

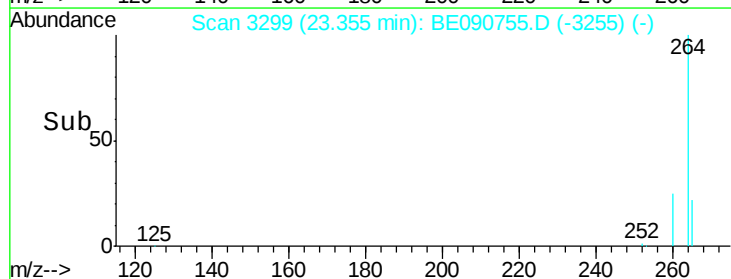
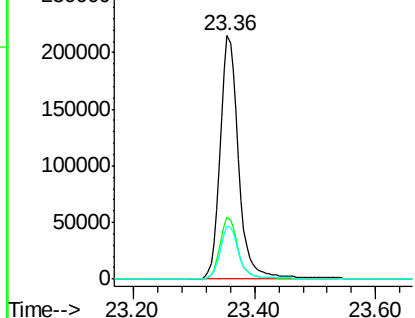


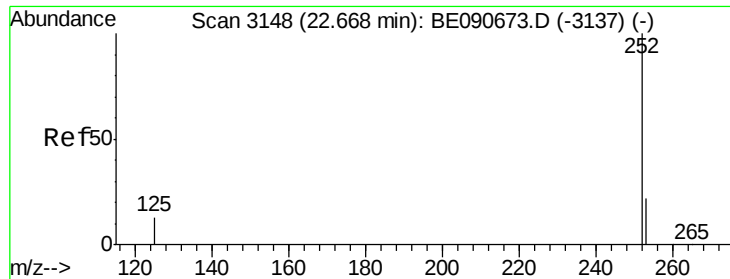
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.00 min
 Lab File: BE090755.D
 Acq: 8 Sep 2015 19:15

Tgt Ion: 264 Resp: 456660
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 21.8 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





#33

Benzo(b)fluoranthene

Concen: 1.07 ng

RT: 22.66 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

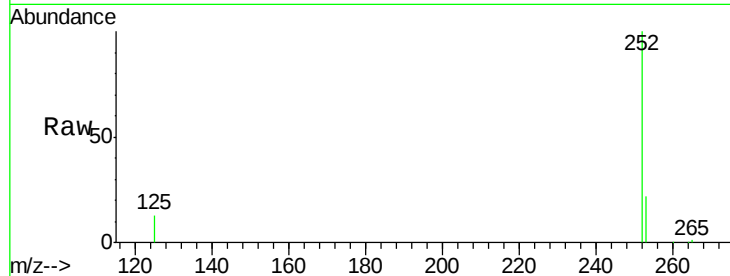
Tgt Ion:252 Resp: 105652

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

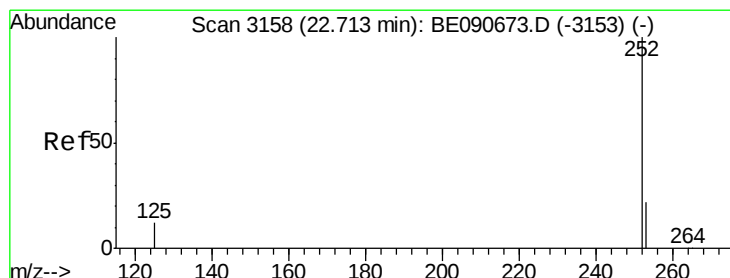
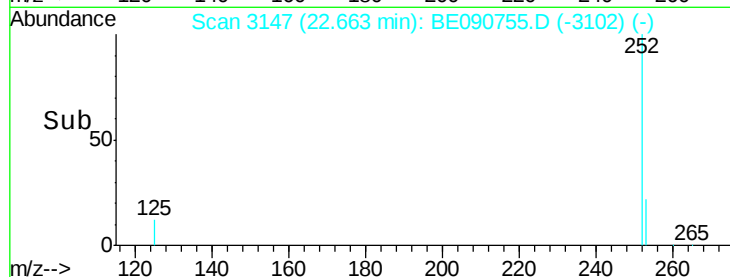
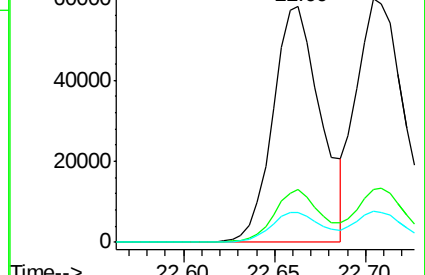
125 12.5 10.6 16.0



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: 1.04 ng

RT: 22.70 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

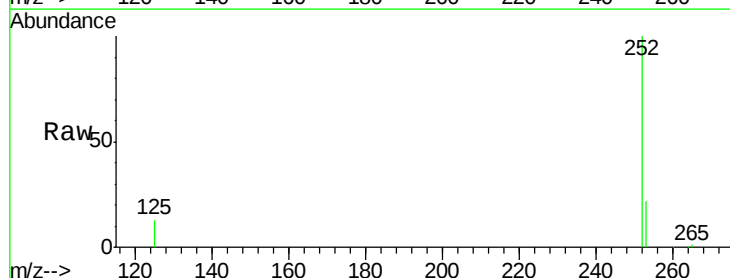
Tgt Ion:252 Resp: 119622

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

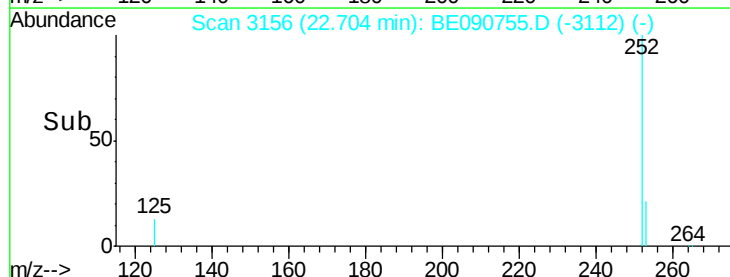
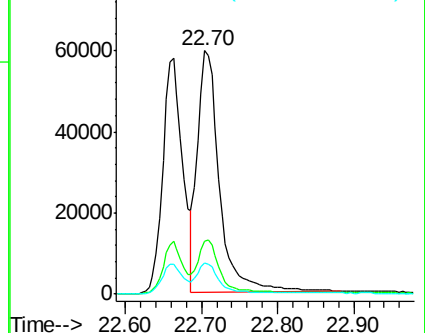
125 13.0 10.1 15.1

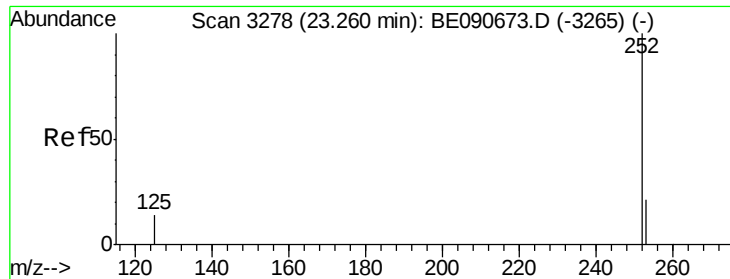


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.08 ng

RT: 23.26 min Scan# 3277

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

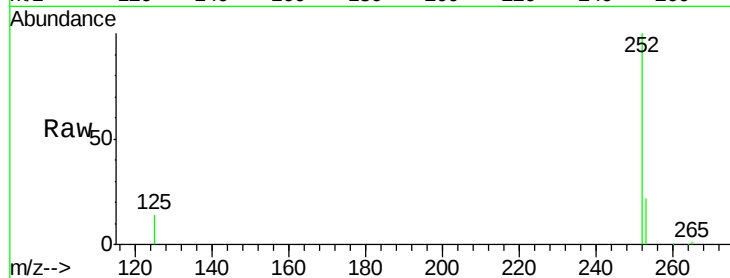
Tgt Ion: 252 Resp: 95833

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

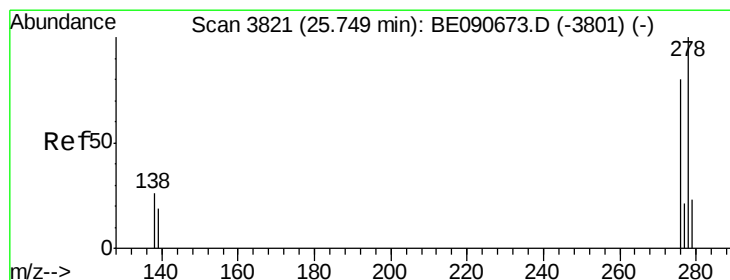
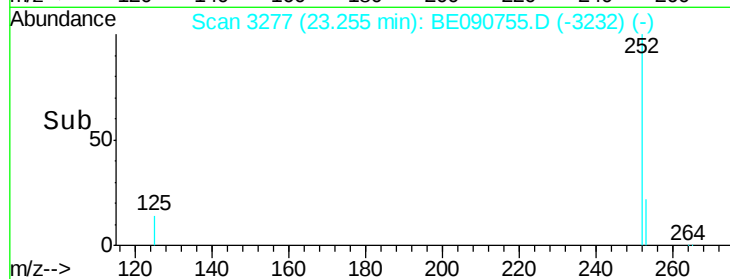
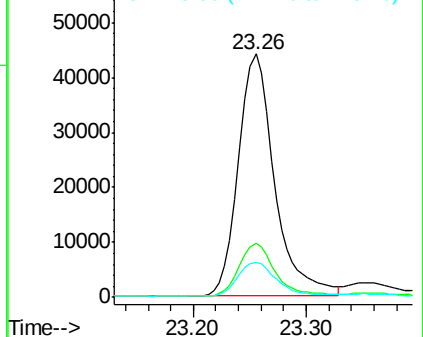
125 14.3 11.6 17.4



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: 1.06 ng

RT: 25.74 min Scan# 3819

Delta R.T. 0.00 min

Lab File: BE090755.D

Acq: 8 Sep 2015 19:15

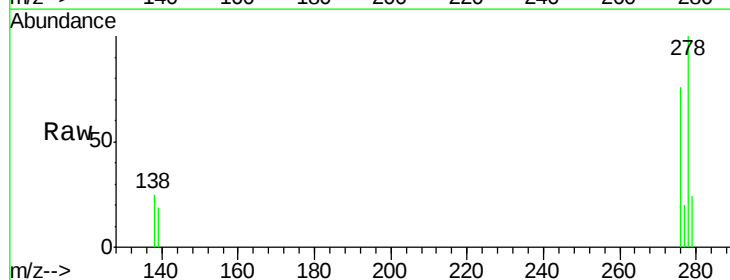
Tgt Ion: 278 Resp: 102623

Ion Ratio Lower Upper

278 100

139 19.3 15.4 23.0

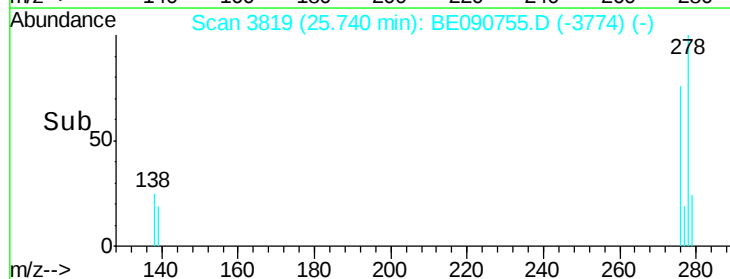
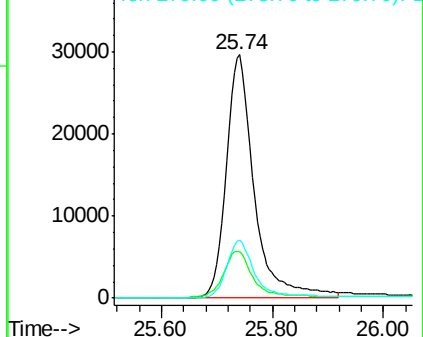
279 23.8 18.8 28.2



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: 1.02 ng

RT: 26.44 min Scan# 3973

Delta R.T. -0.00 min

Lab File: BE090755.D

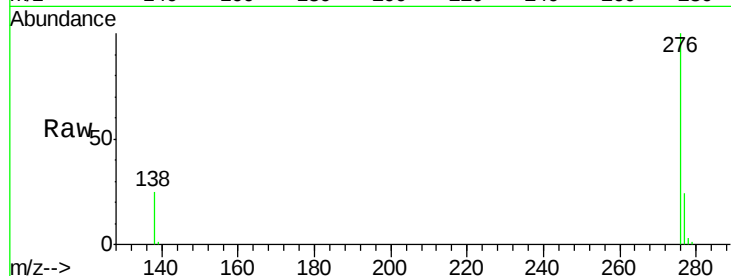
Acq: 8 Sep 2015 19:15

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



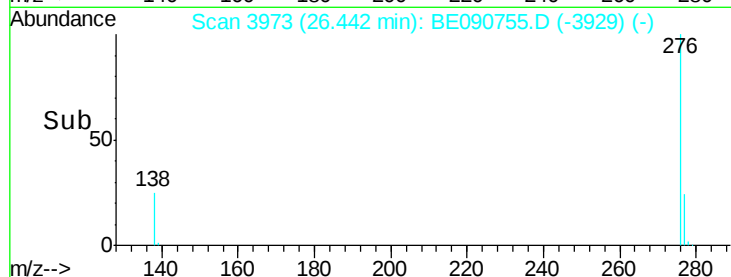
Tgt Ion: 276 Resp: 104242

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 25.4 20.1 30.1



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

