

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090149.D
 Acq On : 17 Jul 2015 10:30
 Operator : TP/IZ
 Sample : G3015-01MSD 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MSD

Quant Time: Jul 17 13:20:17 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 12:59:41 2015
 Response via : Initial Calibration

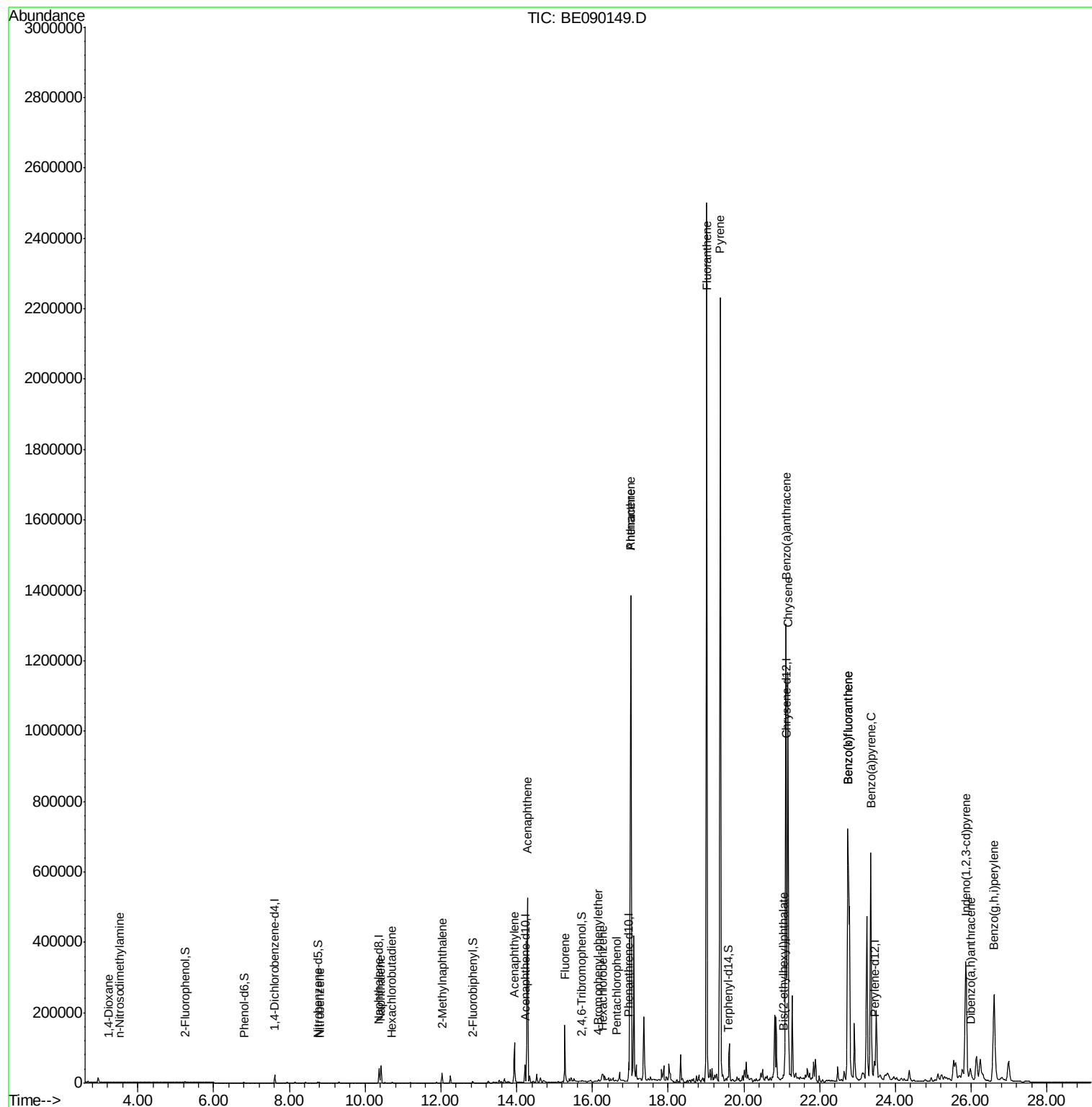
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	11394	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	53119	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	30377	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	66942	5.00	ng	0.00
25) Chrysene-d12	21.13	240	70072	5.00	ng	0.00
32) Perylene-d12	23.45	264	69858	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2101	0.86	ng	0.00
5) Phenol-d6	6.80	99	3230	0.94	ng	0.00
7) Nitrobenzene-d5	8.75	82	1876	0.48	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	863	1.29	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	4266	0.46	ng	0.00
27) Terphenyl-d14	19.58	244	7273	0.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	572	0.37	ng	# 85
3) n-Nitrosodimethylamine	3.53	42	661	0.37	ng	# 78
8) Nitrobenzene	8.79	77	1747	0.42	ng	99
9) Naphthalene	10.41	128	67251	5.59	ng	99
10) Hexachlorobutadiene	10.71	225	825	0.41	ng	99
11) 2-Methylnaphthalene	12.03	142	19640	2.55	ng	100
15) Acenaphthylene	13.94	152	161654	2.99	ng	99
16) Acenaphthene	14.28	154	96953	12.41	ng	94
17) Fluorene	15.27	166	108994	10.68	ng	98
19) 4-Bromophenyl-phenylether	16.16	248	1233	0.43	ng	# 63
20) Hexachlorobenzene	16.28	284	5237	0.42	ng	95
21) Pentachlorophenol	16.63	266	986	1.61	ng	94
22) Phenanthrene	17.01	178	1587758	94.22	ng	97
23) Anthracene	17.01	178	1586880	106.24	ng	96
24) Fluoranthene	19.02	202	2410051	144.74	ng	95
26) Pyrene	19.38	202	2228298	117.60	ng	# 88
28) Benzo(a)anthracene	21.11	228	1275713	107.40	ng	93
29) Chrysene	21.16	228	1179117	67.32	ng	94
30) Bis(2-ethylhexyl)phthalate	21.05	149	5527	2.21	ng	# 88
31) Indeno(1,2,3-cd)pyrene	25.86	276	570103	122.07	ng	95
33) Benzo(b)fluoranthene	22.75	252	1388850	273.47	ng	98
34) Benzo(k)fluoranthene	22.75	252	1388850	63.79	ng	99
35) Benzo(a)pyrene	23.35	252	1001349	67.36	ng	97
36) Dibenzo(a,h)anthracene	25.98	278	43184	5.33	ng	96
37) Benzo(g,h,i)perylene	26.61	276	584642	38.94	ng	94

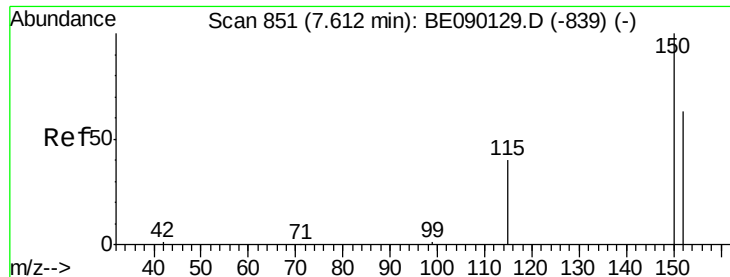
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

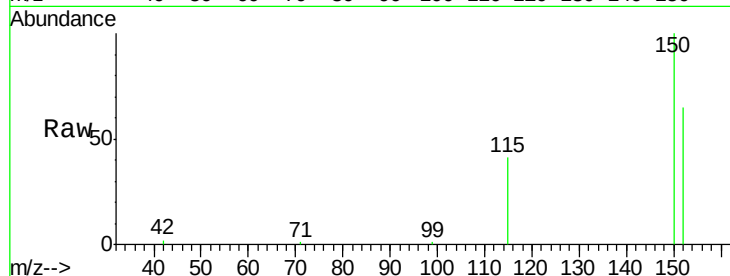
Tgt Ion: 152 Resp: 11394

Ion Ratio Lower Upper

152 100

150 154.2 127.3 190.9

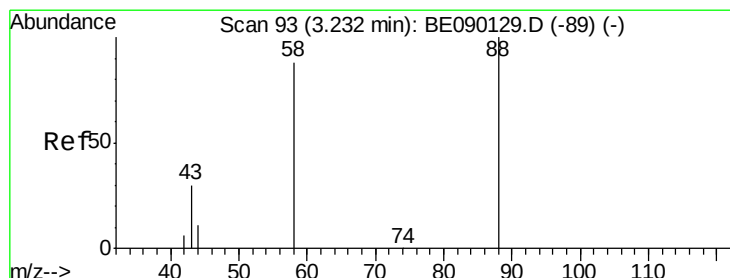
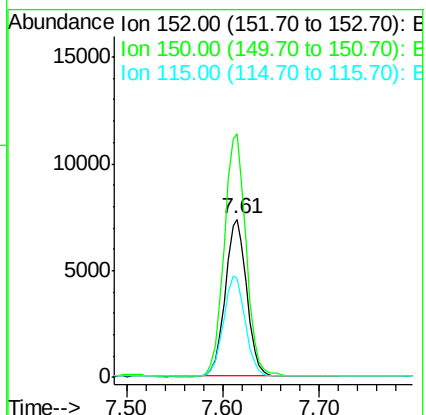
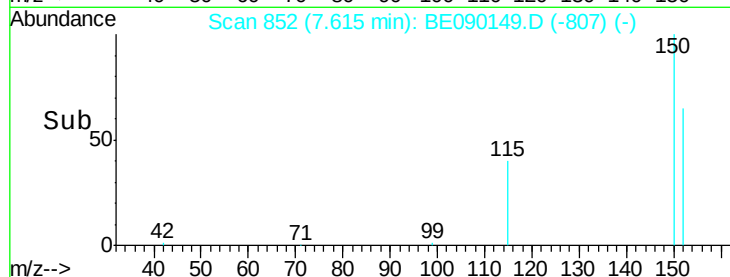
115 62.6 51.0 76.4



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: 0.37 ng

RT: 3.24 min Scan# 94

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

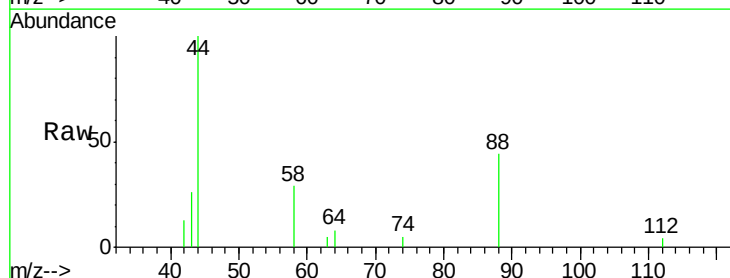
Tgt Ion: 88 Resp: 572

Ion Ratio Lower Upper

88 100

58 69.4 67.0 100.4

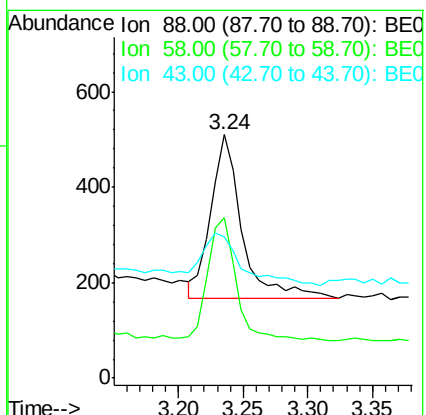
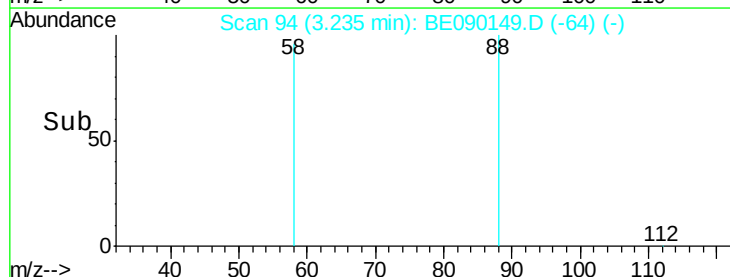
43 39.3 26.0 39.0#

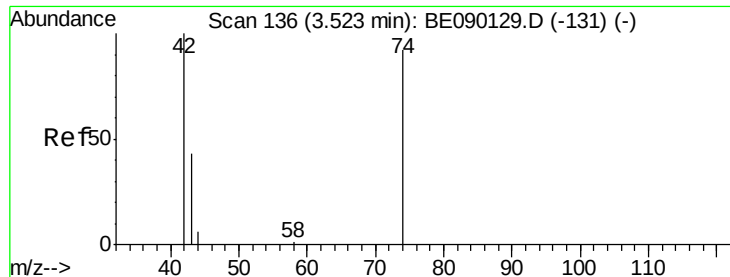


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

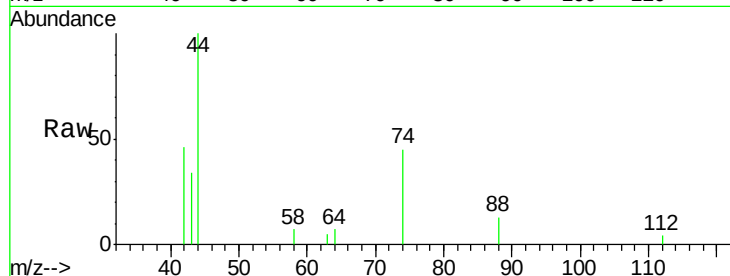
Tgt Ion: 42 Resp: 661

Ion Ratio Lower Upper

42 100

74 139.9 91.0 136.6#

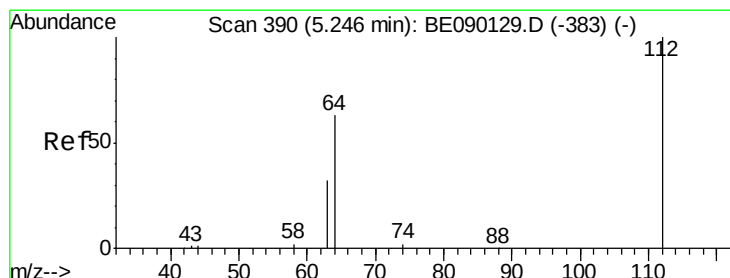
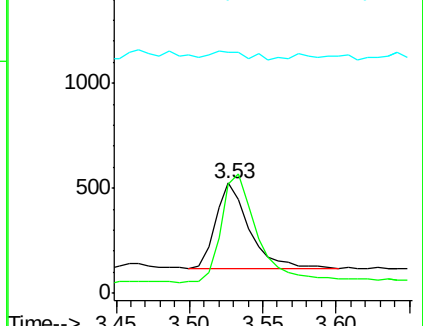
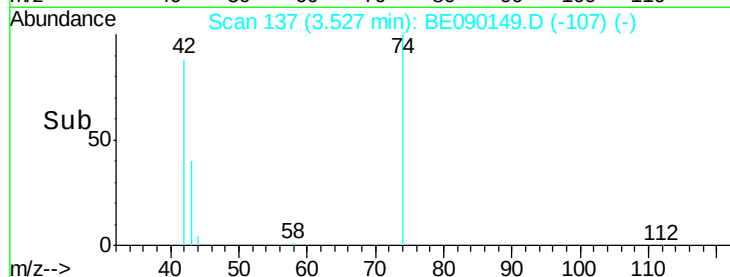
44 13.2 9.2 13.8



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: 0.86 ng

RT: 5.25 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

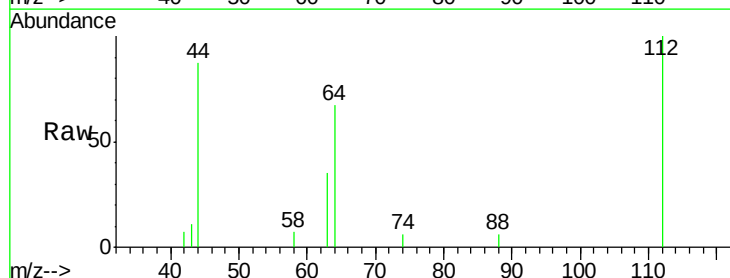
Tgt Ion: 112 Resp: 2101

Ion Ratio Lower Upper

112 100

64 69.5 55.4 83.2

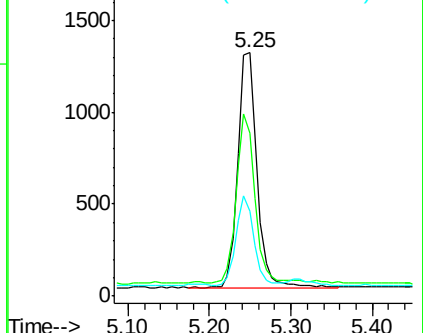
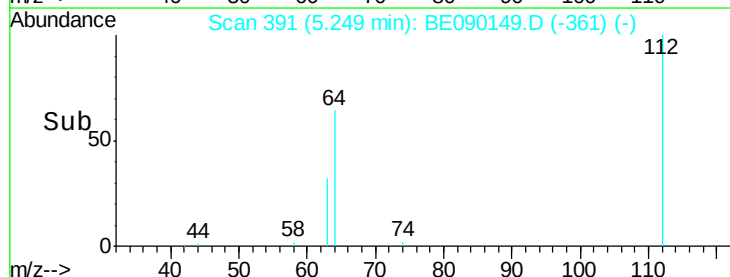
63 35.1 29.3 43.9

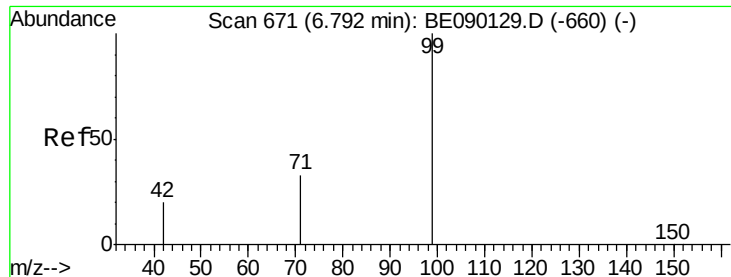


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.94 ng

RT: 6.80 min Scan# 673

Delta R.T. 0.01 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

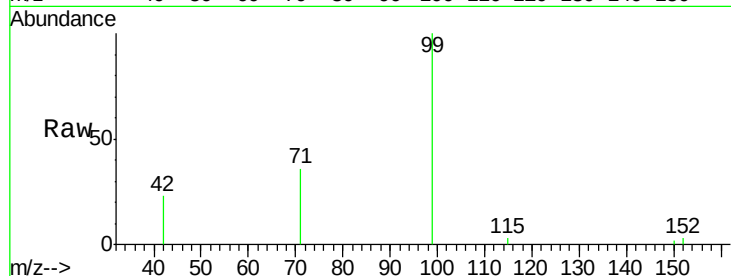
Tgt Ion: 99 Resp: 3230

Ion Ratio Lower Upper

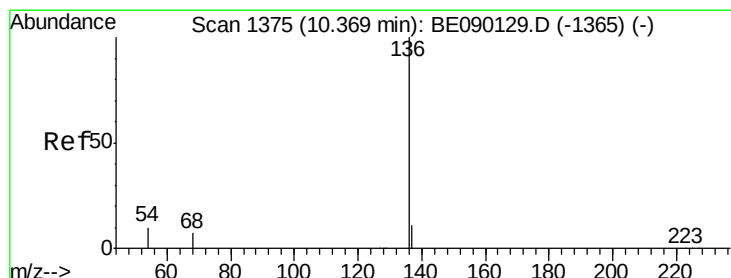
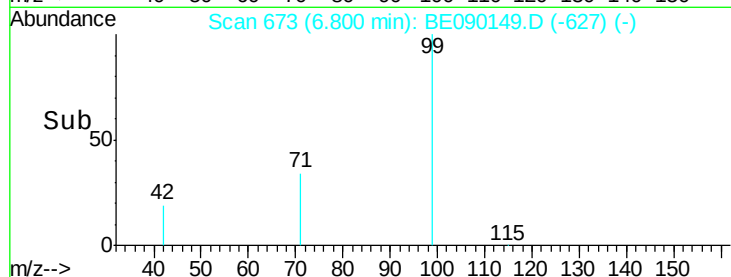
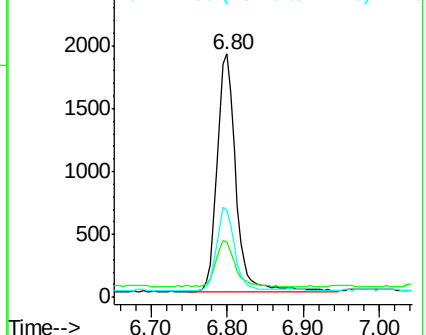
99 100

42 19.9 16.8 25.2

71 33.4 26.6 39.8



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: 10.37 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Tgt Ion: 136 Resp: 53119

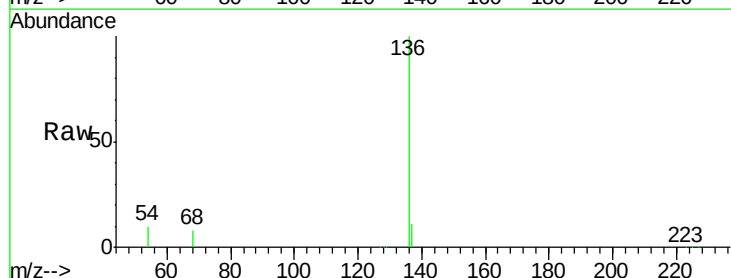
Ion Ratio Lower Upper

136 100

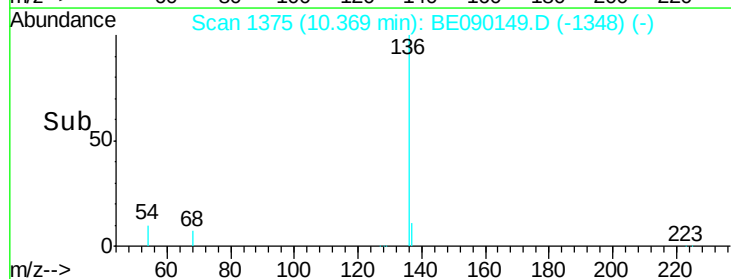
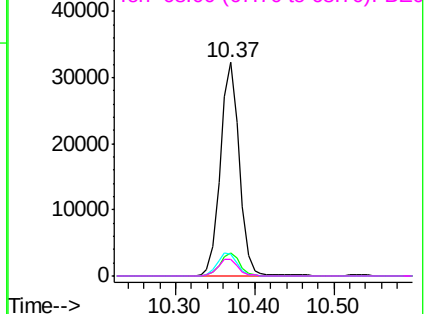
137 11.1 8.9 13.3

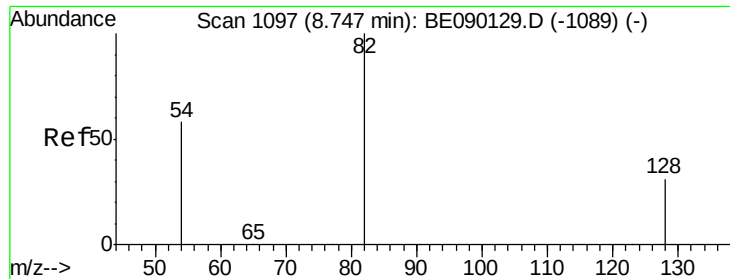
54 10.0 7.8 11.8

68 7.6 5.8 8.8



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: 0.48 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

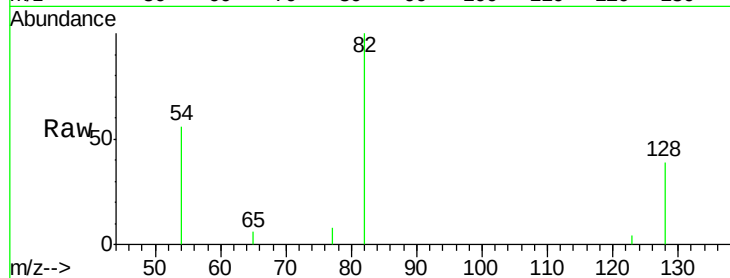
Tgt Ion: 82 Resp: 1876

Ion Ratio Lower Upper

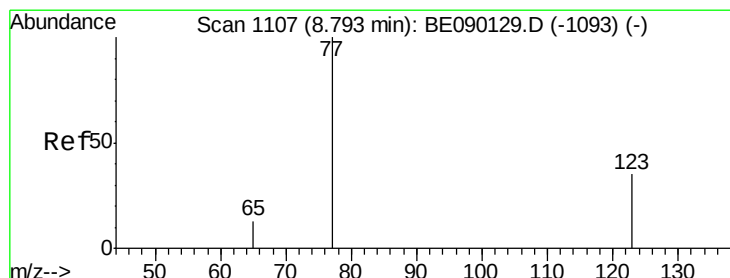
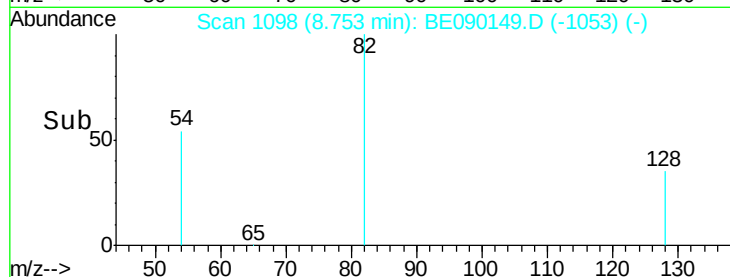
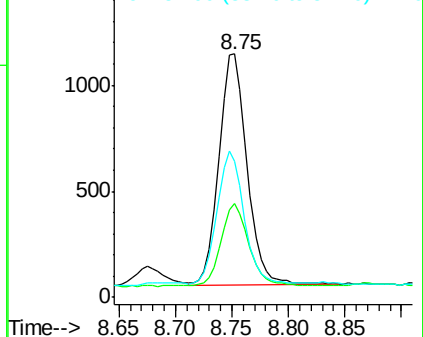
82 100

128 38.6 26.2 39.2

54 55.8 47.1 70.7



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: 0.42 ng

RT: 8.79 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

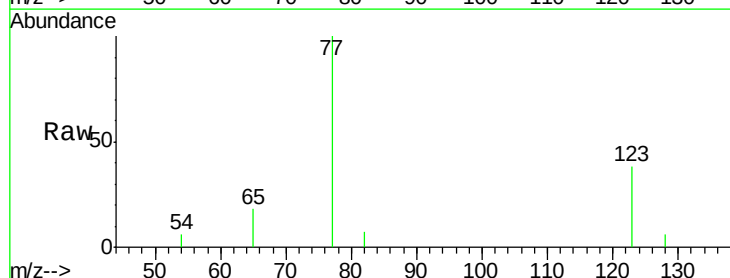
Tgt Ion: 77 Resp: 1747

Ion Ratio Lower Upper

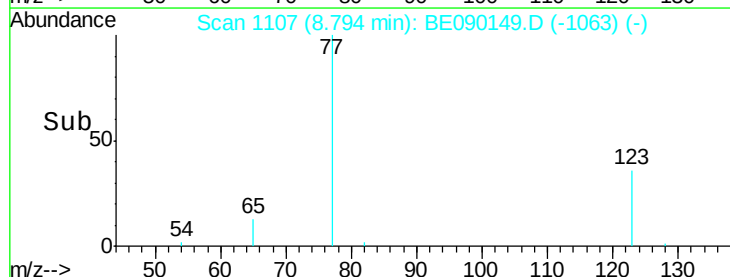
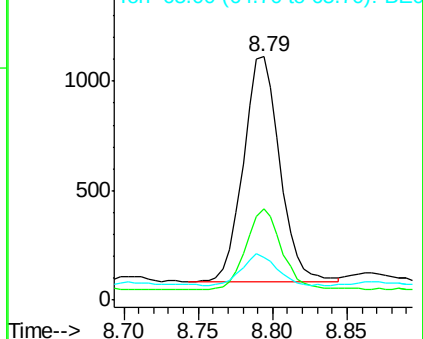
77 100

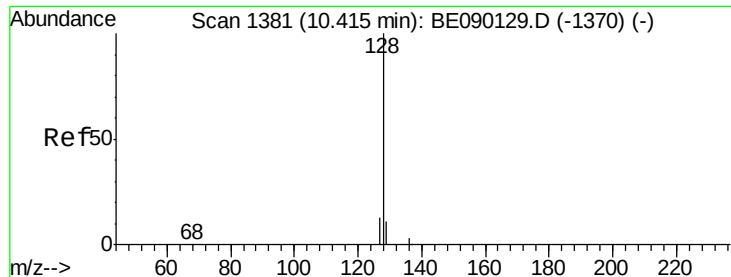
123 35.9 28.5 42.7

65 13.3 10.2 15.2



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: 5.59 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

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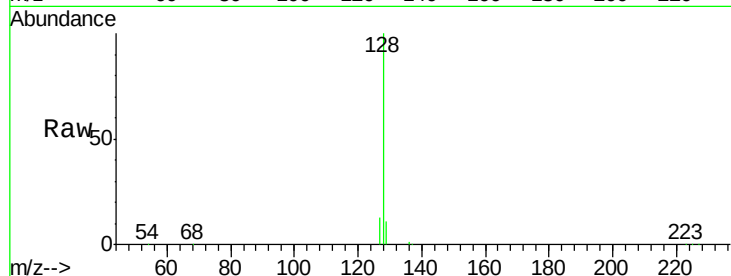
Tgt Ion:128 Resp: 67251

Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

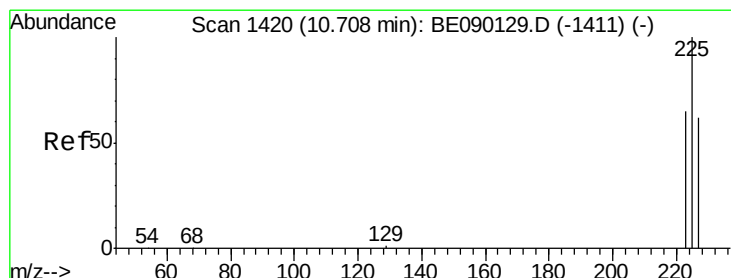
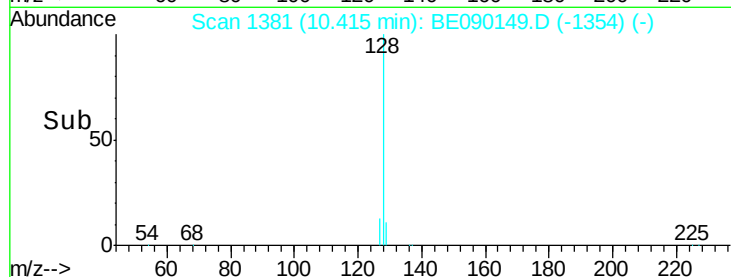
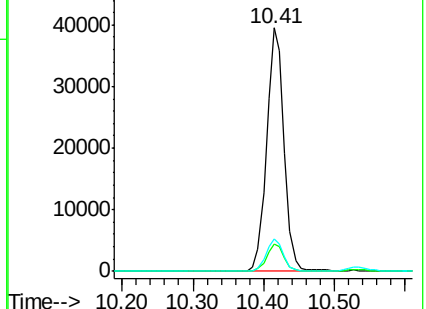
127 13.1 10.8 16.2



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: 0.41 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

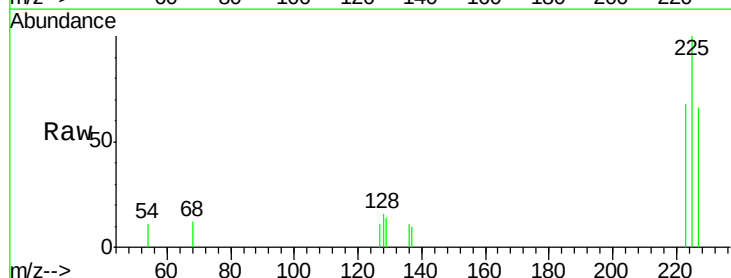
Tgt Ion:225 Resp: 825

Ion Ratio Lower Upper

225 100

223 62.2 50.2 75.2

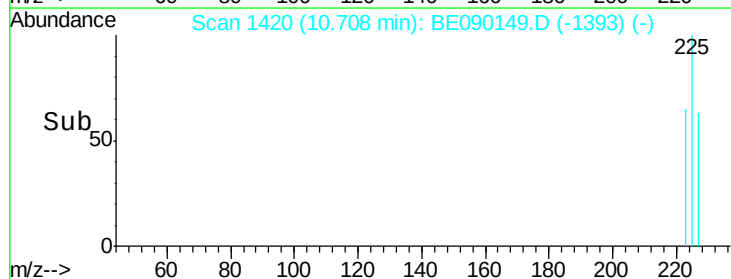
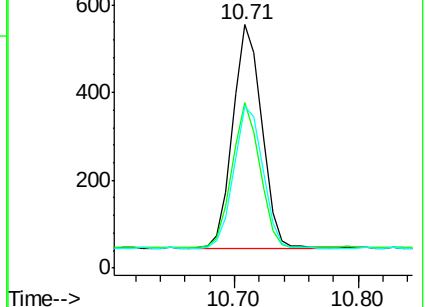
227 63.6 51.3 76.9

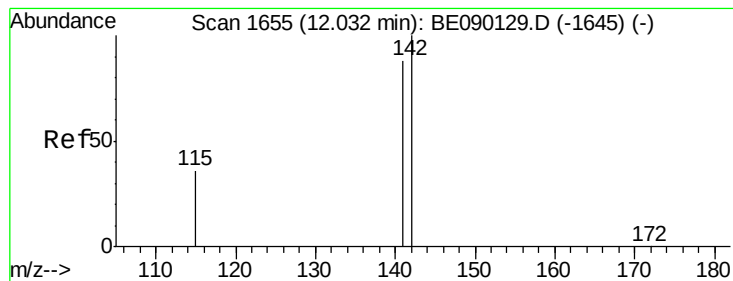


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 2.55 ng

RT: 12.03 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

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ClientSampleId :

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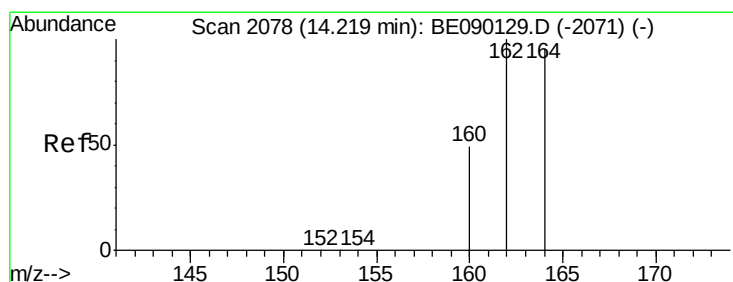
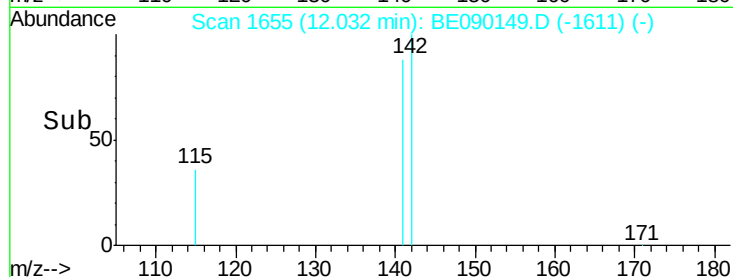
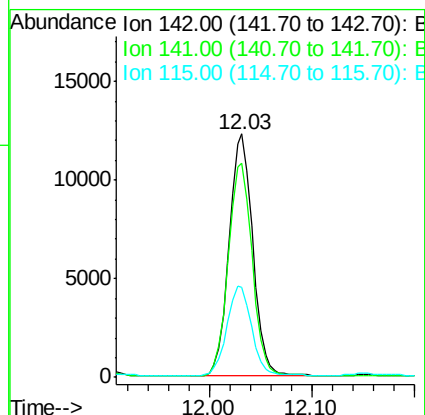
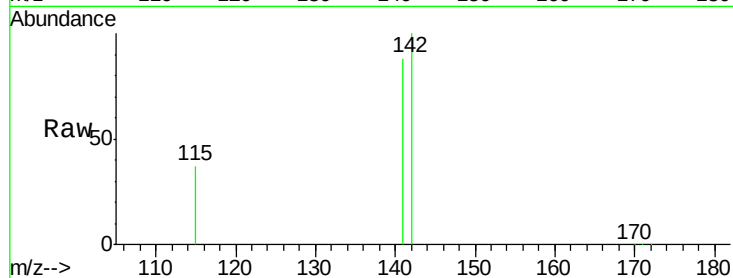
Tgt Ion:142 Resp: 19640

Ion Ratio Lower Upper

142 100

141 88.0 70.6 105.8

115 36.7 29.4 44.0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.22 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

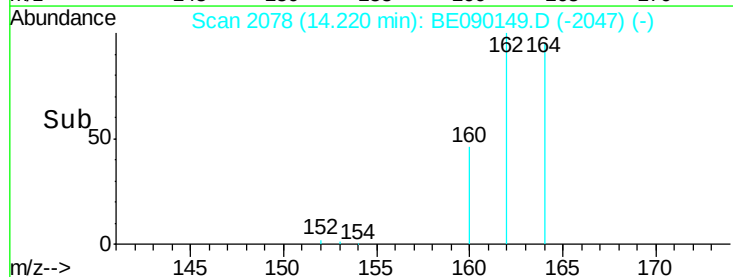
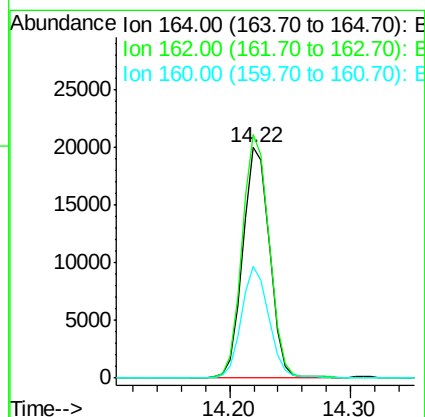
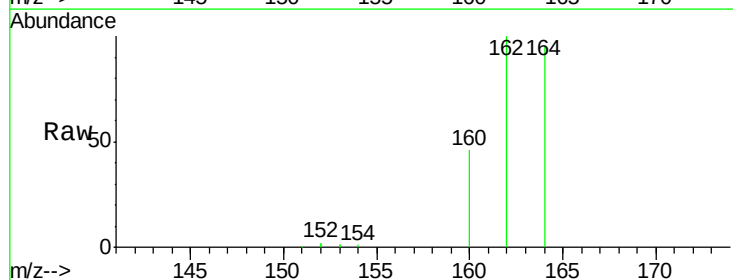
Tgt Ion:164 Resp: 30377

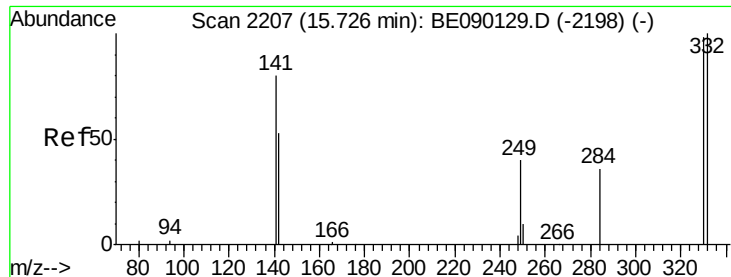
Ion Ratio Lower Upper

164 100

162 105.5 84.0 126.0

160 48.2 41.1 61.7

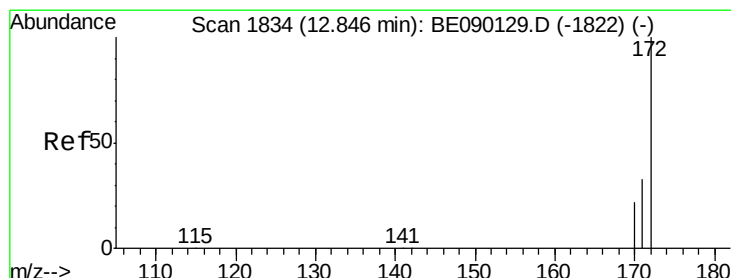
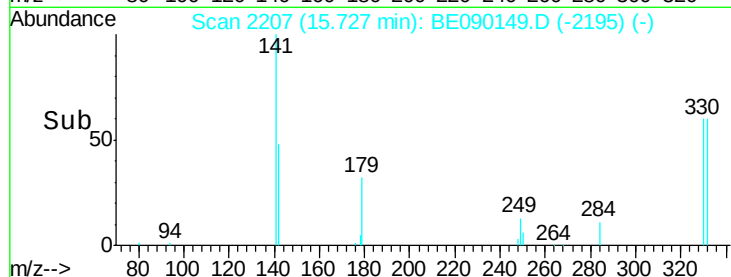
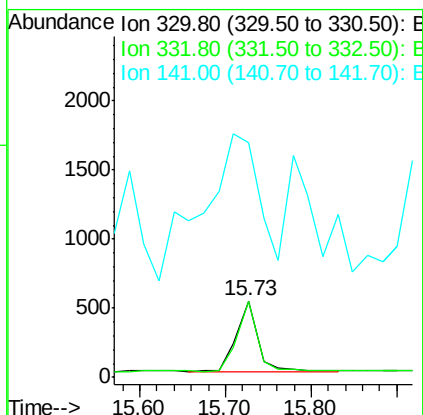
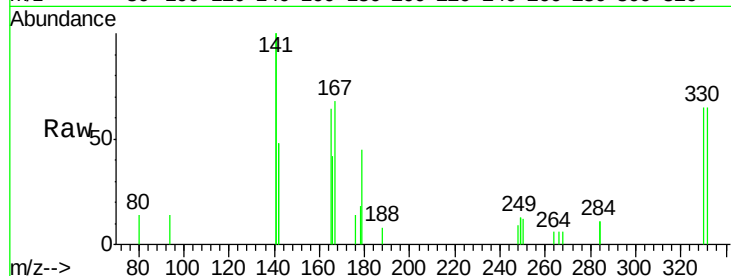




#13
 2,4,6-Tribromophenol
 Concen: 1.29 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

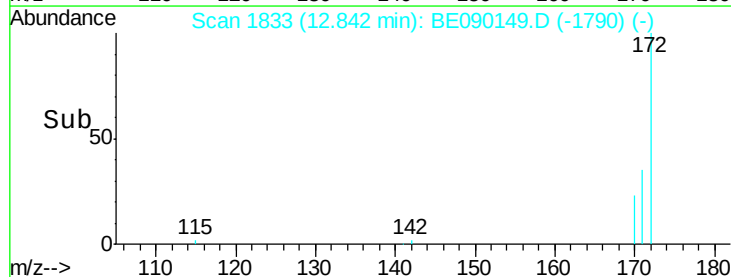
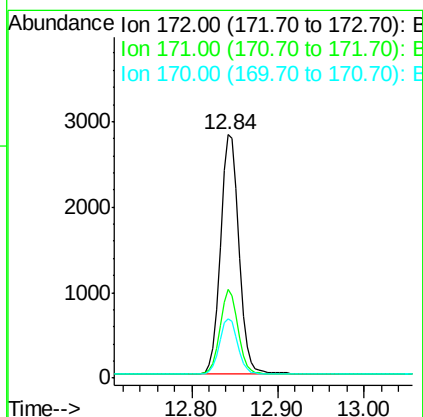
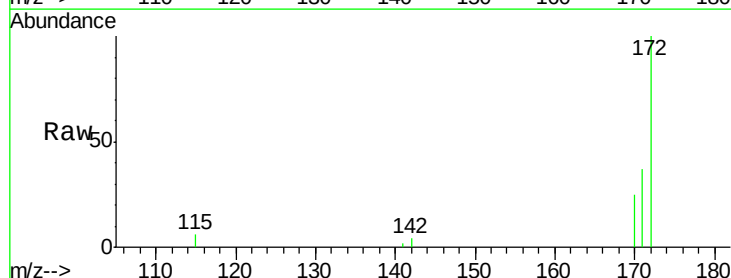
Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MSD

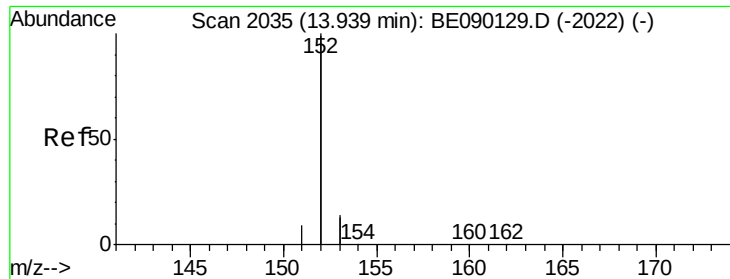
Tgt Ion: 330 Resp: 863
 Ion Ratio Lower Upper
 330 100
 332 97.9 79.4 119.0
 141 575.0 160.2 240.2#



#14
 2-Fluorobiphenyl
 Concen: 0.46 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

Tgt Ion: 172 Resp: 4266
 Ion Ratio Lower Upper
 172 100
 171 36.7 27.1 40.7
 170 24.6 17.9 26.9





#15

Acenaphthylene

Concen: 2.99 ng

RT: 13.94 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

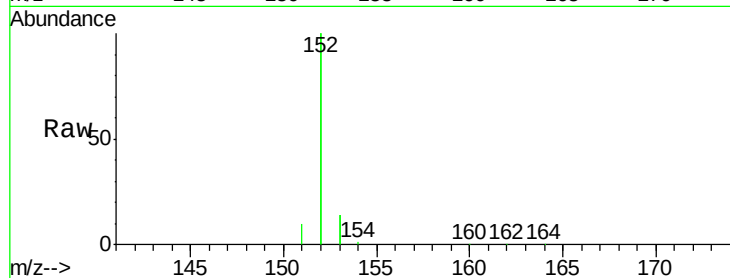
Tgt Ion:152 Resp: 161654

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

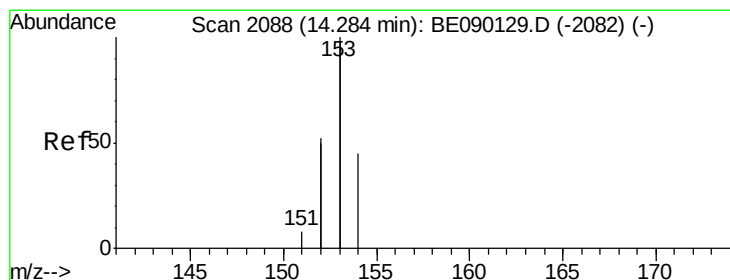
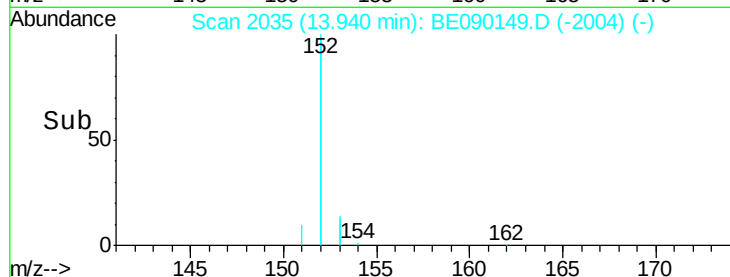
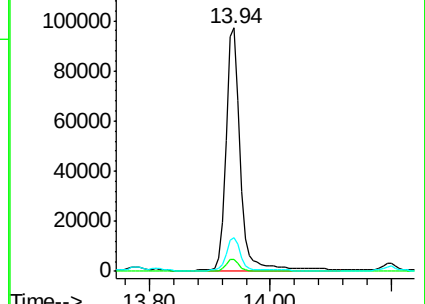
153 13.8 10.4 15.6



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: 12.41 ng

RT: 14.28 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

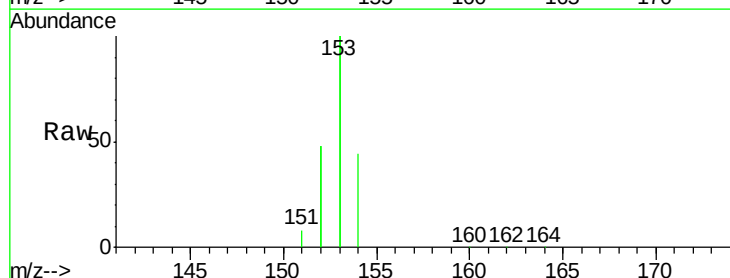
Tgt Ion:154 Resp: 96953

Ion Ratio Lower Upper

154 100

153 458.3 369.5 554.3

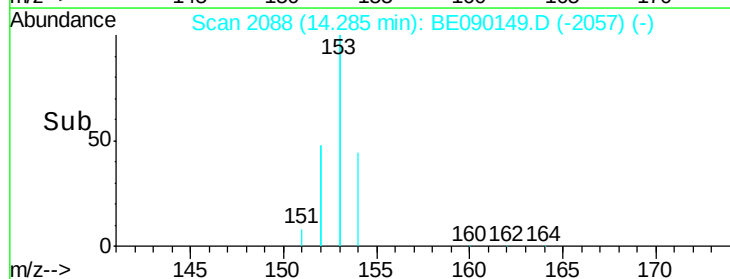
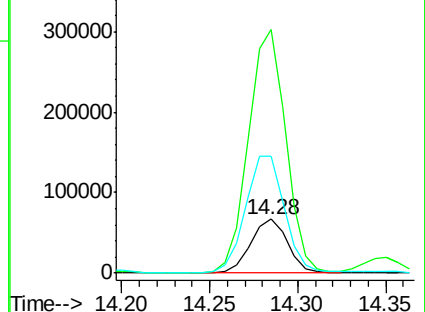
152 227.7 202.2 303.4

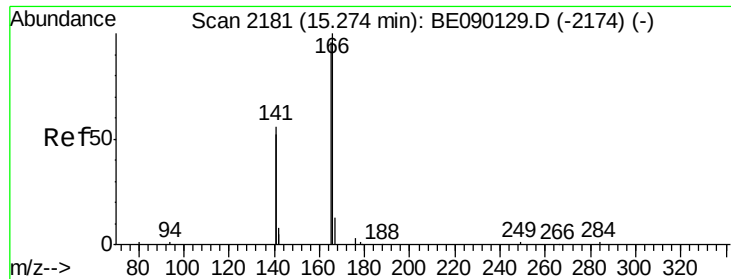


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

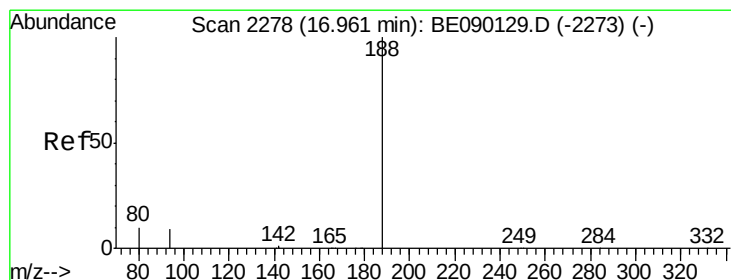
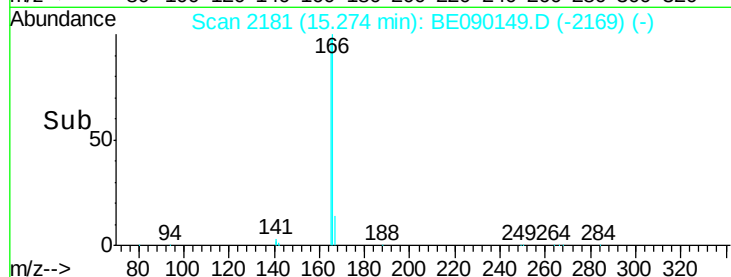
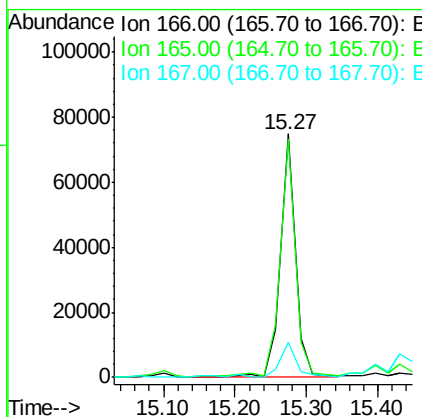
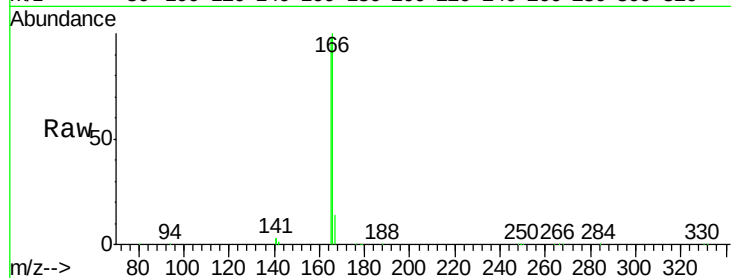




#17
Fluorene
 Concen: 10.68 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

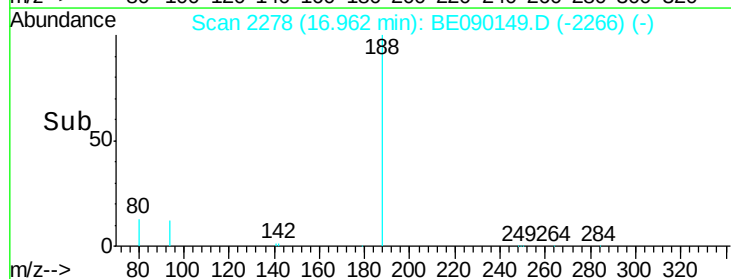
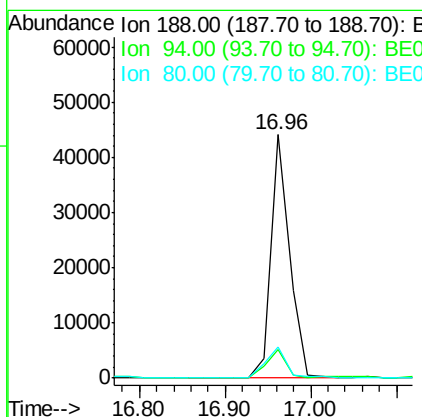
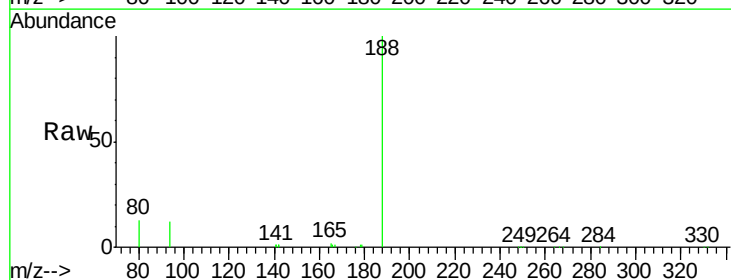
Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MSD

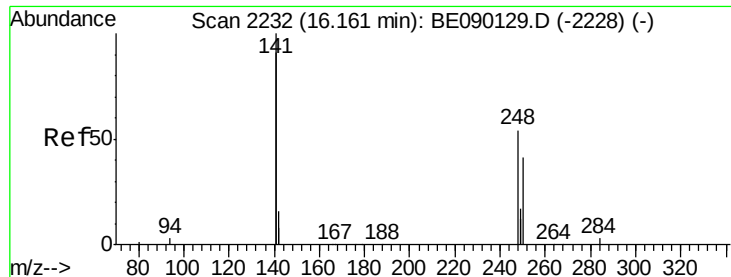
Tgt Ion:166 Resp: 108994
 Ion Ratio Lower Upper
 166 100
 165 100.0 78.7 118.1
 167 14.4 11.1 16.7



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

Tgt Ion:188 Resp: 66942
 Ion Ratio Lower Upper
 188 100
 94 11.9 7.3 10.9#
 80 13.0 8.0 12.0#

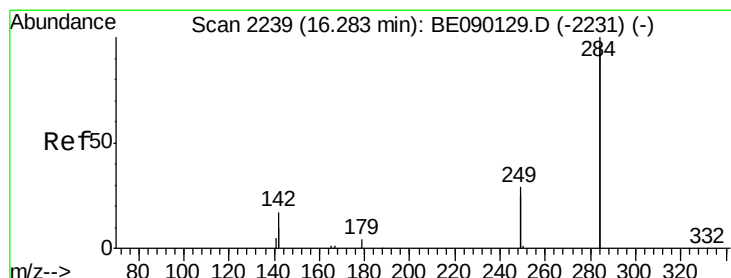
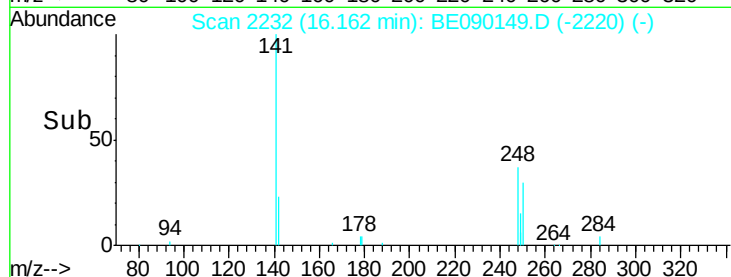
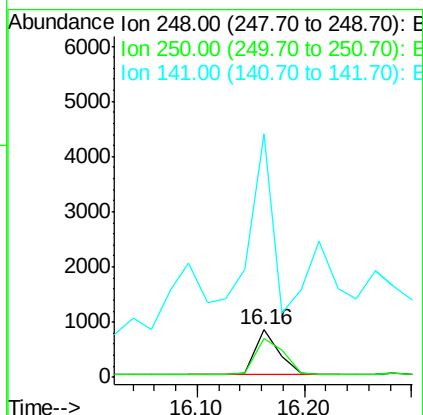
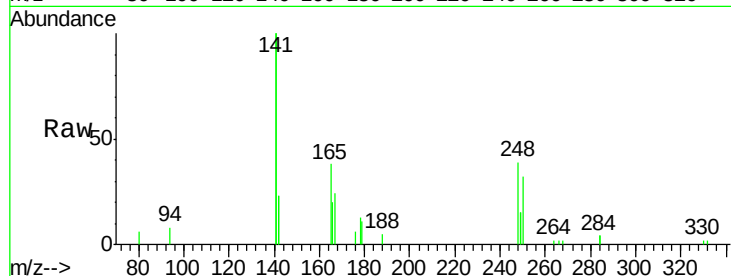




#19
4-Bromophenyl-phenylether
Concen: 0.43 ng
RT: 16.16 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

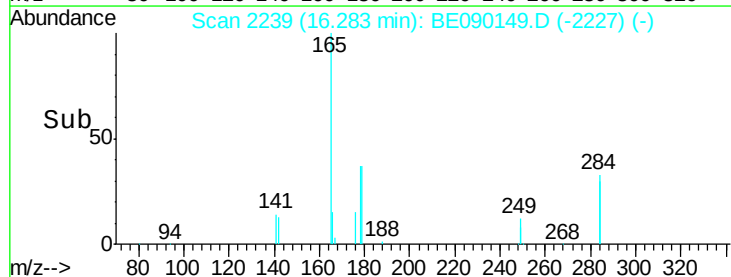
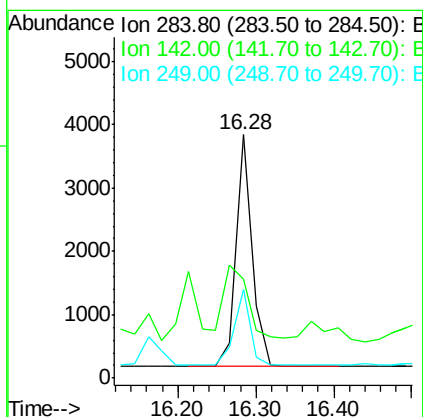
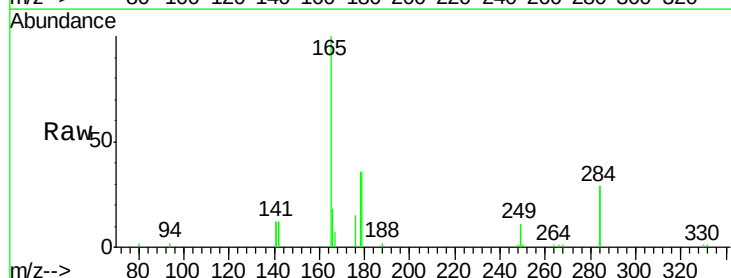
Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15MSD

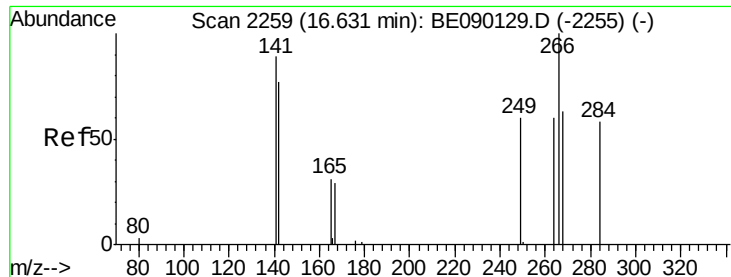
Tgt Ion:248 Resp: 1233
Ion Ratio Lower Upper
248 100
250 94.5 76.2 114.4
141 402.4 246.0 369.0#



#20
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.28 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:284 Resp: 5237
Ion Ratio Lower Upper
284 100
142 43.5 30.2 45.4
249 32.3 25.5 38.3

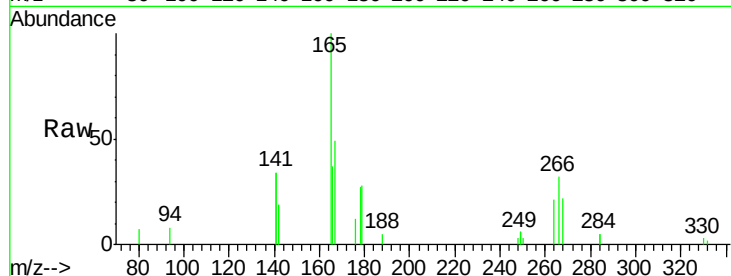




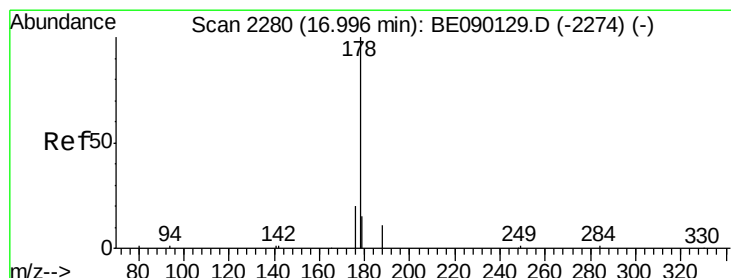
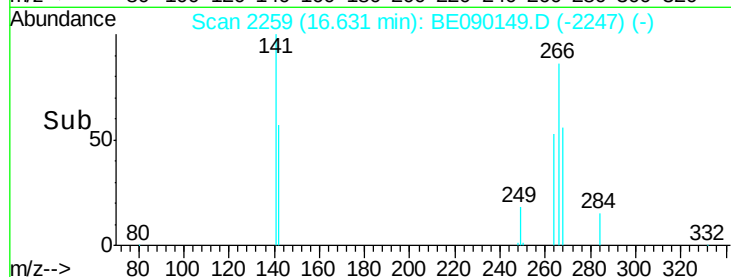
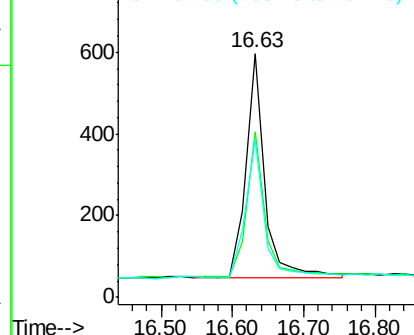
#21
 Pentachlorophenol
 Concen: 1.61 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MSD

Tgt Ion: 266 Resp: 986
 Ion Ratio Lower Upper
 266 100
 268 67.8 58.2 87.2
 264 64.6 55.8 83.6

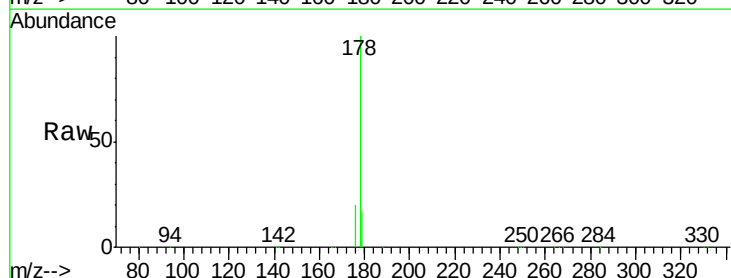


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

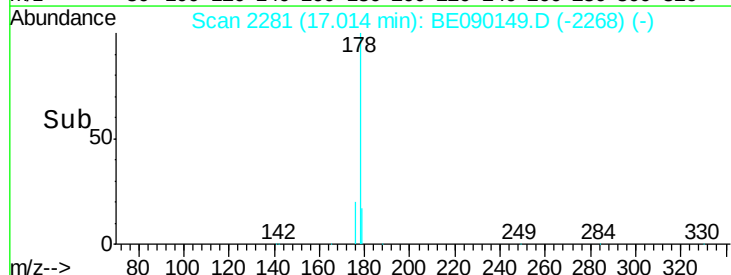
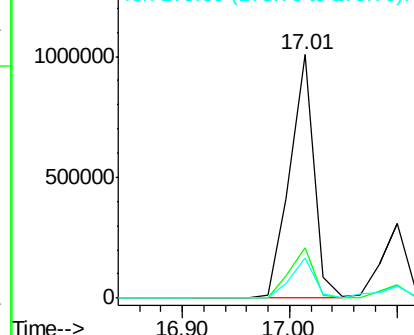


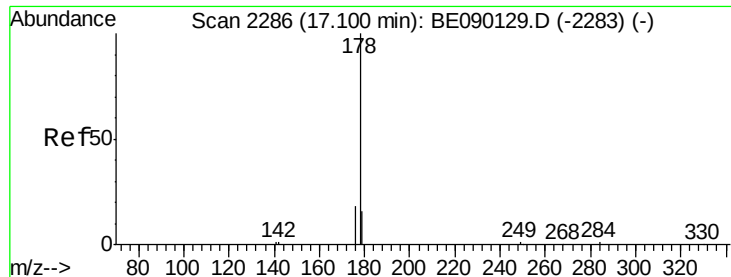
#22
 Phenanthrene
 Concen: 94.22 ng
 RT: 17.01 min Scan# 2281
 Delta R.T. 0.02 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

Tgt Ion: 178 Resp: 1587758
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.1 22.7
 179 16.3 12.2 18.4



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: 106.24 ng

RT: 17.01 min Scan# 2281

Delta R.T. -0.09 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

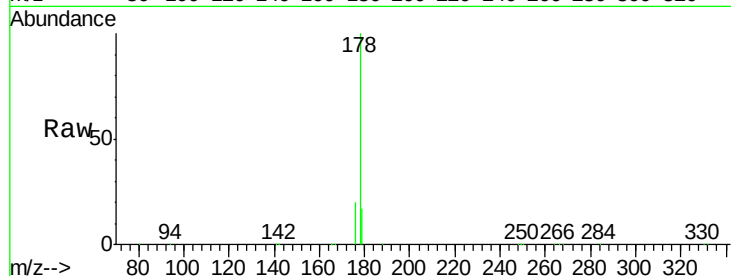
Tgt Ion:178 Resp: 1586880

Ion Ratio Lower Upper

178 100

176 20.6 14.7 22.1

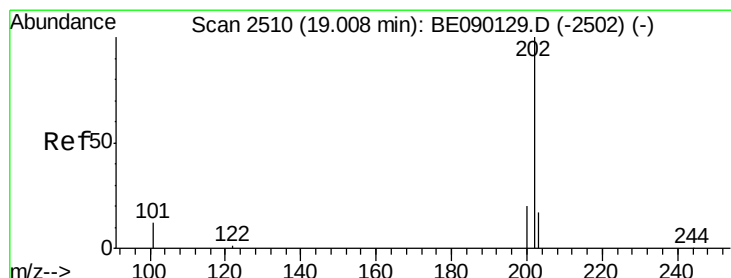
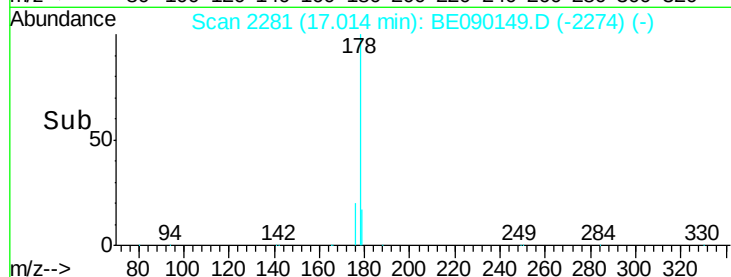
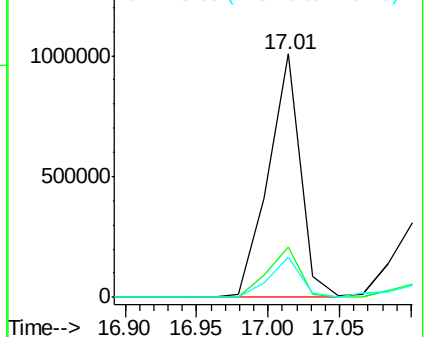
179 16.3 12.2 18.4



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: 144.74 ng

RT: 19.02 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

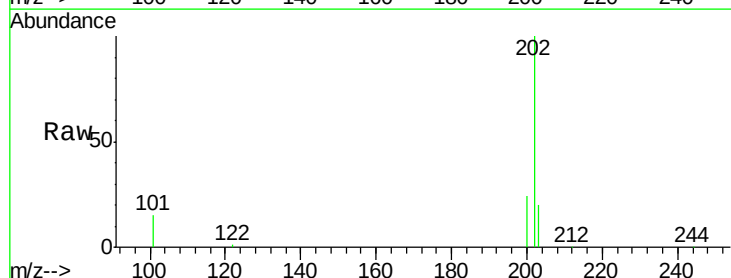
Tgt Ion:202 Resp: 2410051

Ion Ratio Lower Upper

202 100

101 14.8 10.1 15.1

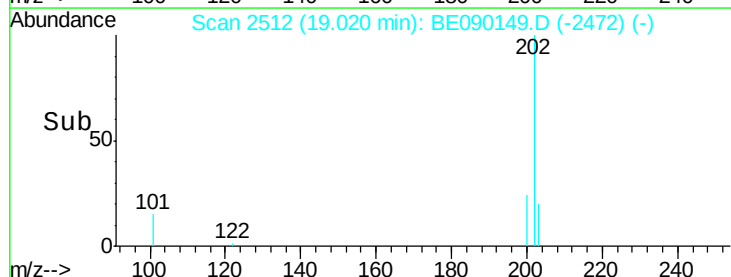
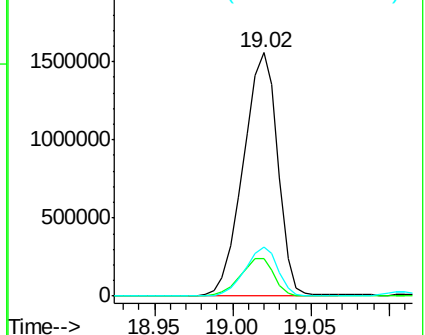
203 19.0 13.8 20.8

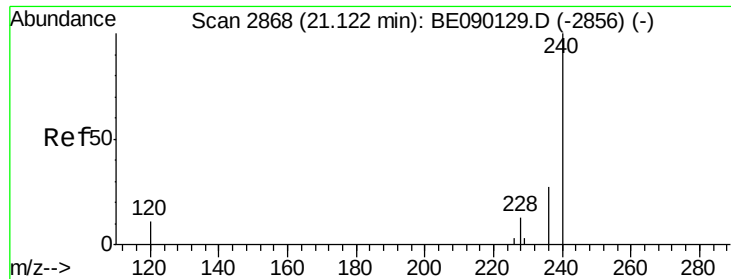


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

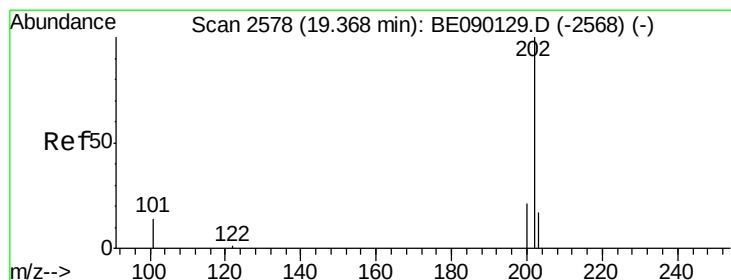
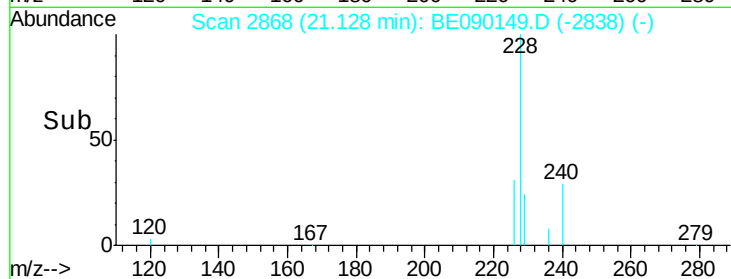
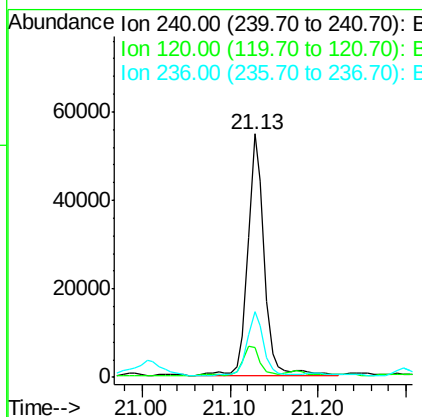
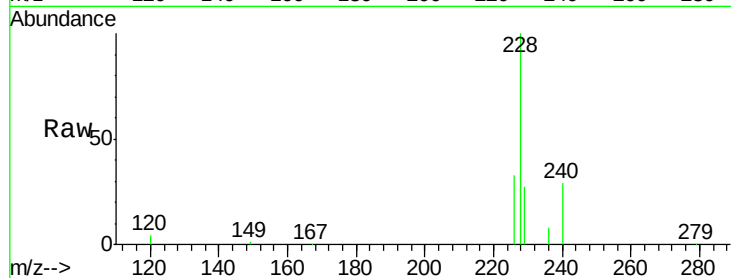




#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.13 min Scan# 2868
 Delta R.T. 0.01 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

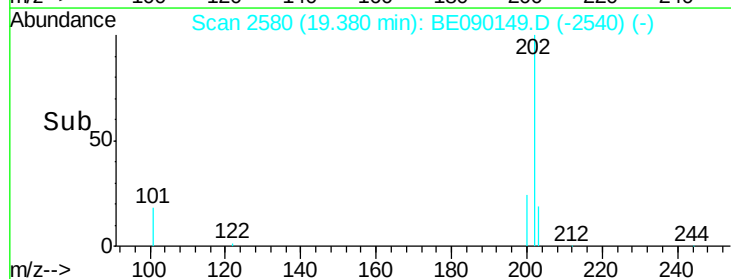
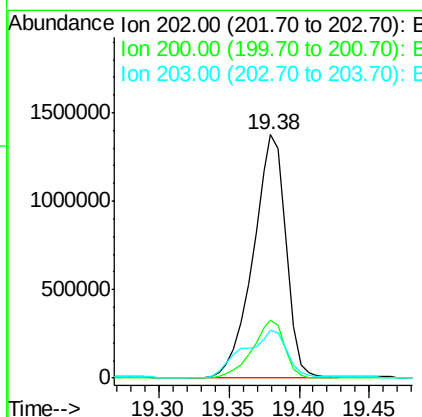
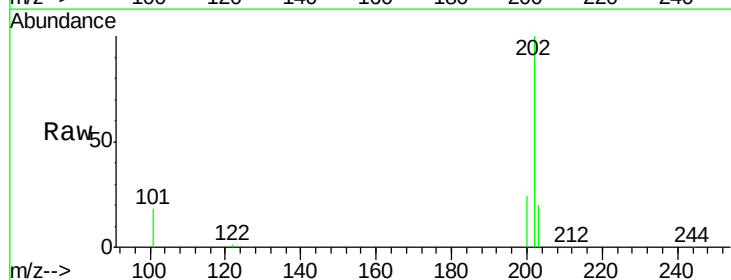
Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MSD

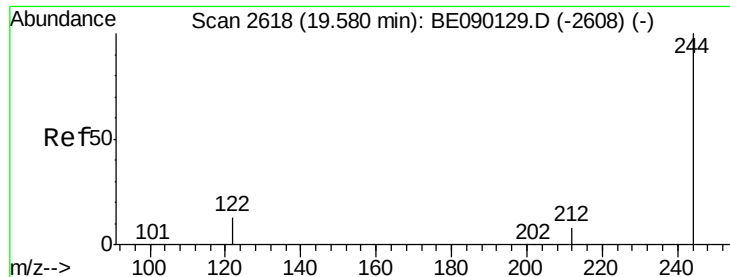
Tgt Ion: 240 Resp: 70072
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.8 13.2
 236 27.2 21.4 32.0



#26
 Pyrene
 Concen: 117.60 ng
 RT: 19.38 min Scan# 2580
 Delta R.T. 0.01 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

Tgt Ion: 202 Resp: 2228298
 Ion Ratio Lower Upper
 202 100
 200 23.2 16.6 24.8
 203 25.9 13.9 20.9#

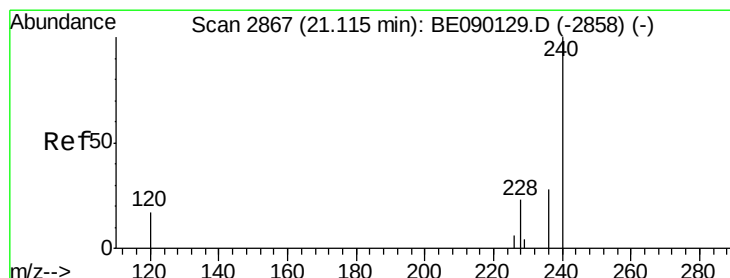
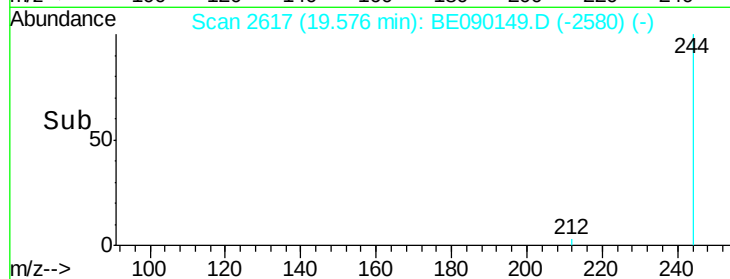
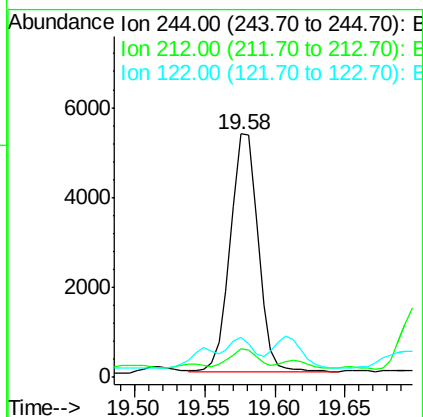
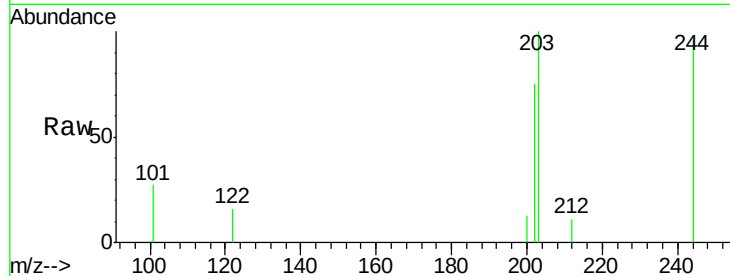




#27
 Terphenyl-d14
 Concen: 0.62 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

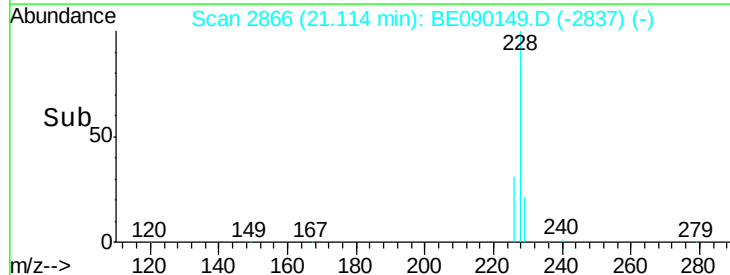
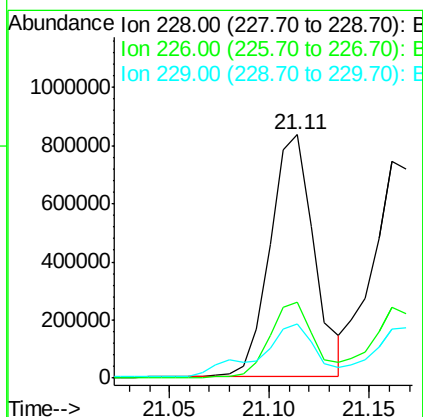
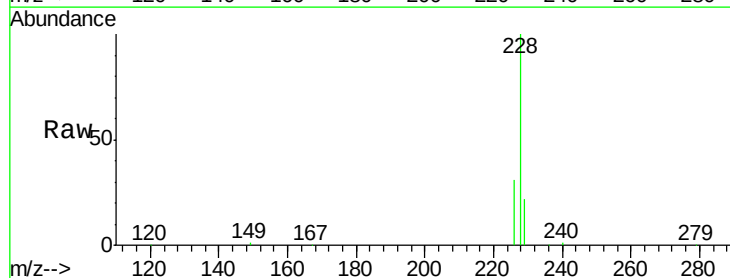
Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MSD

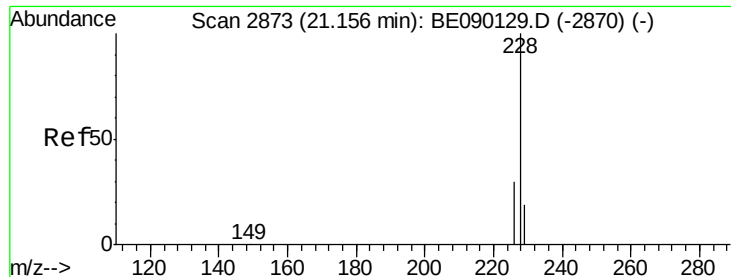
Tgt Ion:244 Resp: 7273
 Ion Ratio Lower Upper
 244 100
 212 11.5 6.7 10.1#
 122 16.6 10.7 16.1#



#28
 Benzo(a)anthracene
 Concen: 107.40 ng
 RT: 21.11 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: BE090149.D
 Acq: 17 Jul 2015 10:30

Tgt Ion:228 Resp: 1275713
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.3 31.9
 229 22.1 16.1 24.1





#29

Chrysene

Concen: 67.32 ng

RT: 21.16 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

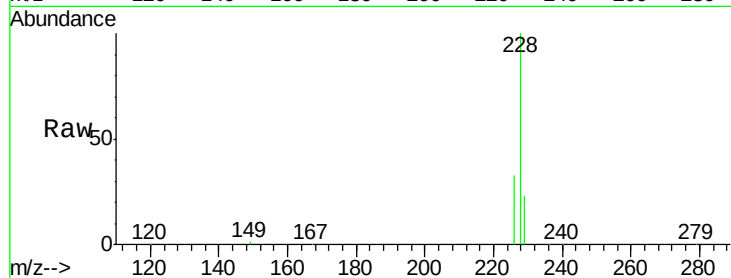
Tgt Ion:228 Resp: 1179117

Ion Ratio Lower Upper

228 100

226 32.7 23.5 35.3

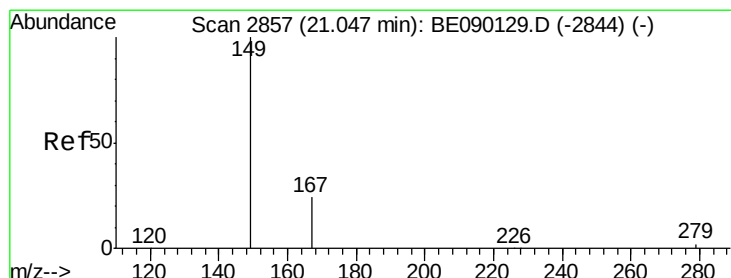
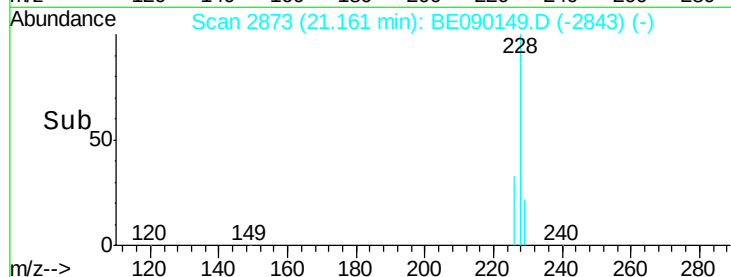
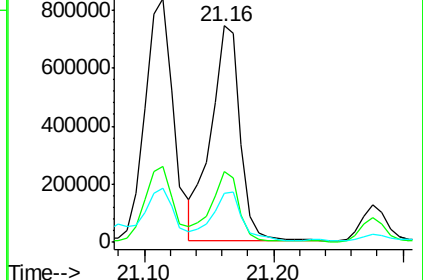
229 22.9 16.0 24.0



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 2.21 ng

RT: 21.05 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

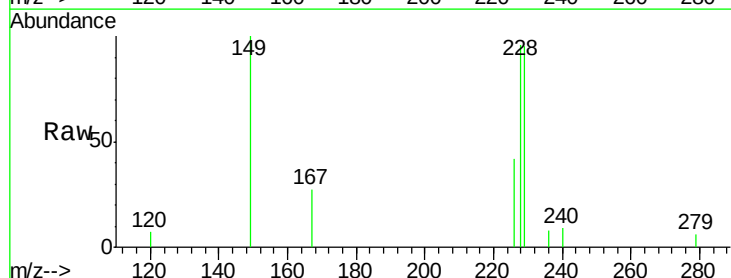
Tgt Ion:149 Resp: 5527

Ion Ratio Lower Upper

149 100

167 29.3 18.6 27.8#

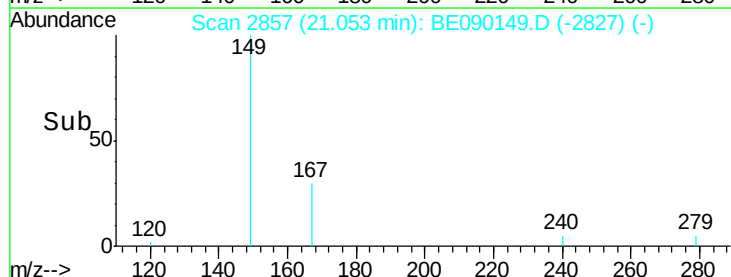
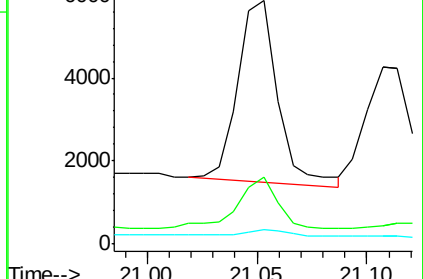
279 5.2 2.2 3.4#

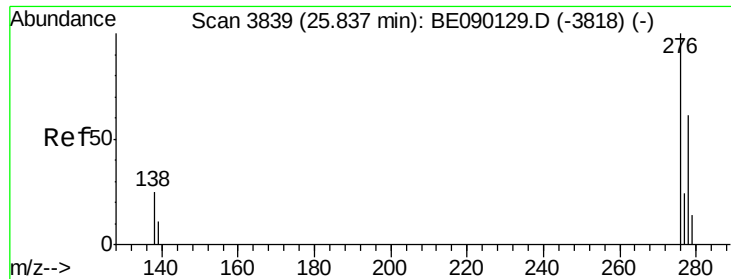


Abundance Ion 149.00 (148.70 to 149.70): E

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: 122.07 ng

RT: 25.86 min Scan# 3845

Delta R.T. 0.03 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

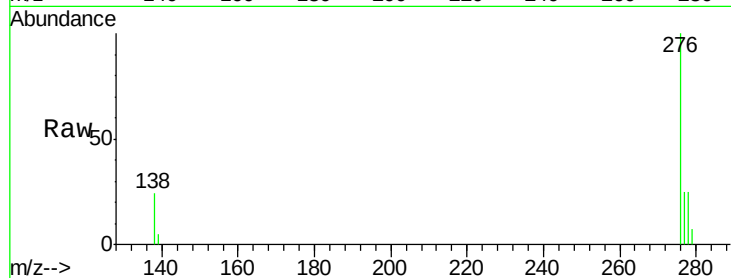
Tgt Ion:276 Resp: 570103

Ion Ratio Lower Upper

276 100

138 23.7 17.3 25.9

277 24.3 17.3 25.9



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

250000

200000

150000

100000

50000

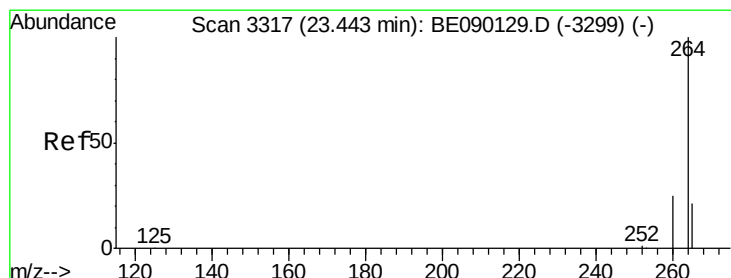
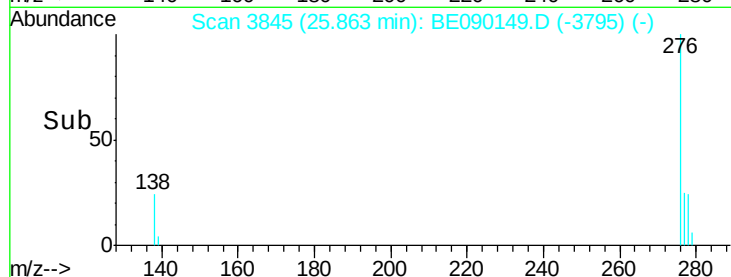
0

25.86

25.80

25.90

Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 3318

Delta R.T. 0.00 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

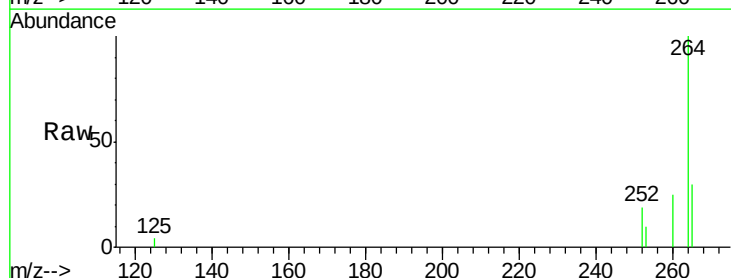
Tgt Ion:264 Resp: 69858

Ion Ratio Lower Upper

264 100

260 25.4 19.9 29.9

265 29.6 17.8 26.8#



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

40000

30000

20000

10000

0

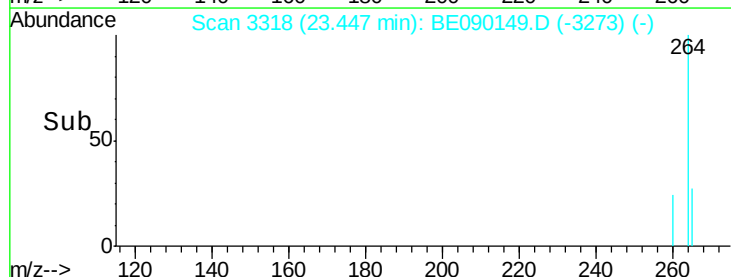
23.45

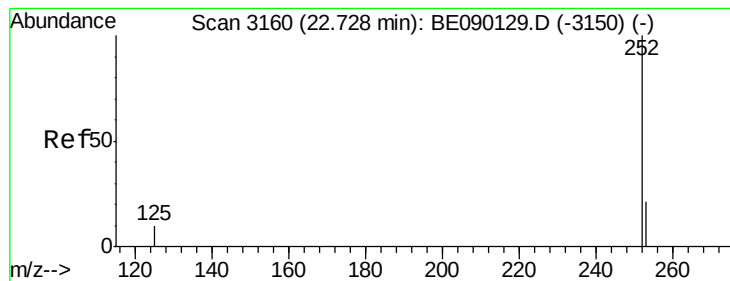
23.35

23.40

23.50

Time-->





#33

Benzo(b)fluoranthene

Concen: 273.47 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.02 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

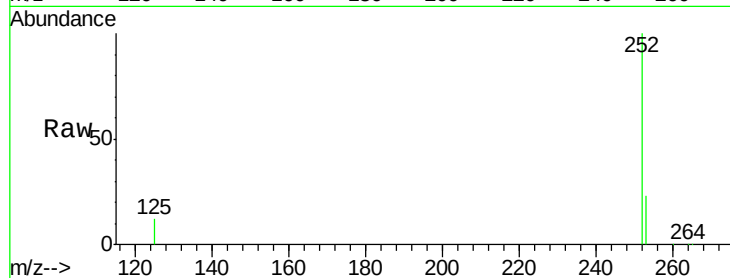
Tgt Ion:252 Resp: 1388850

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.6

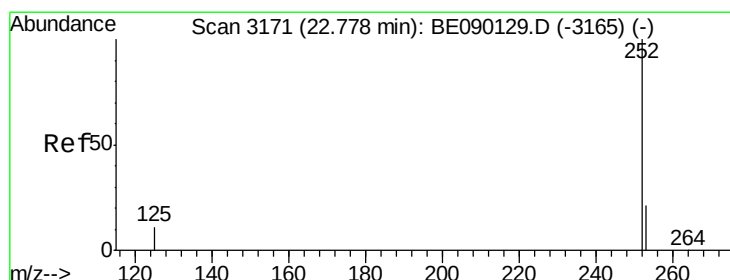
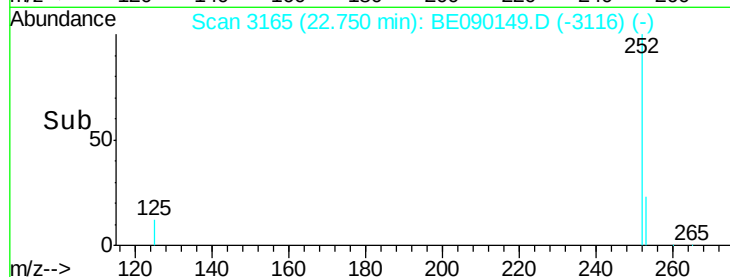
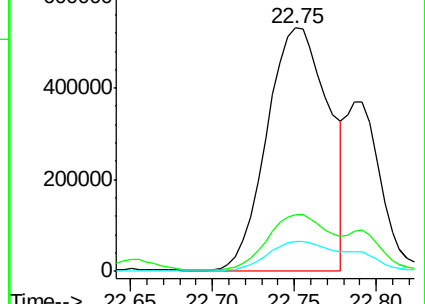
125 12.3 10.7 16.1



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



#34

Benzo(k)fluoranthene

Concen: 63.79 ng

RT: 22.75 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

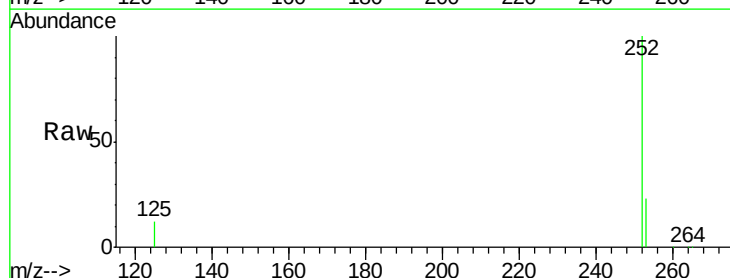
Tgt Ion:252 Resp: 1388850

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

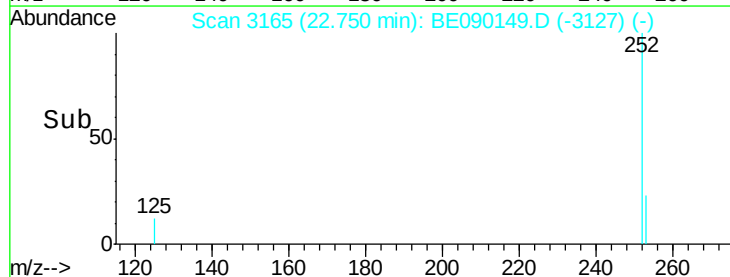
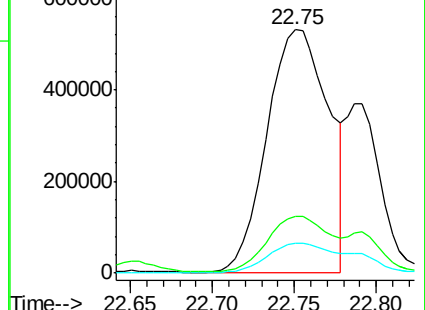
125 12.3 10.5 15.7

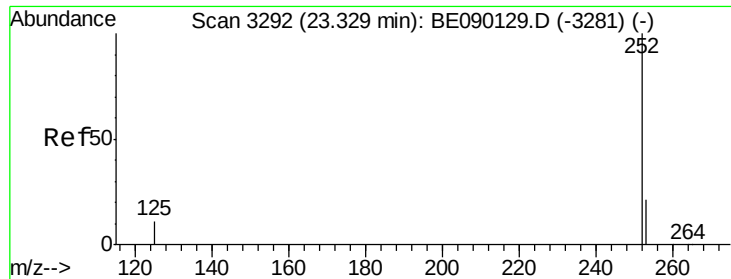


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 67.36 ng

RT: 23.35 min Scan# 3297

Delta R.T. 0.02 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD

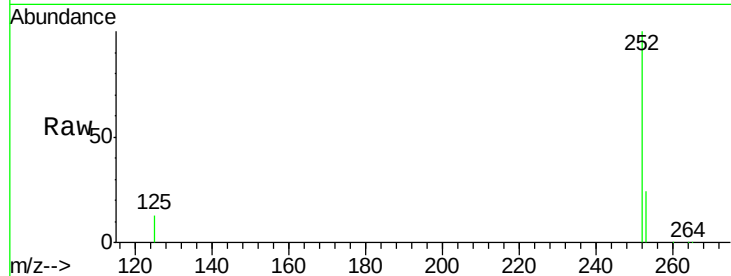
Tgt Ion:252 Resp: 1001349

Ion Ratio Lower Upper

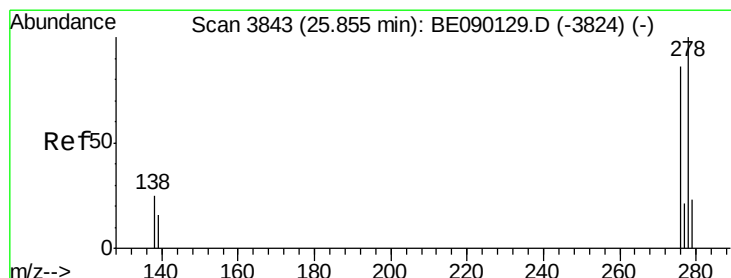
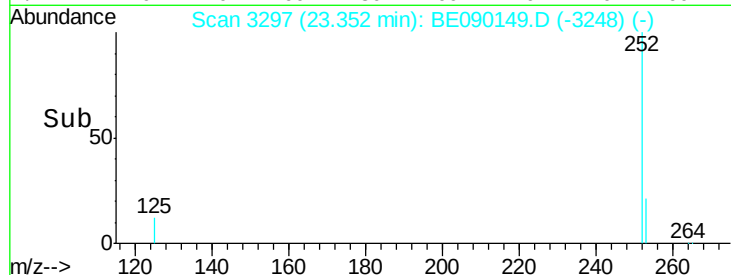
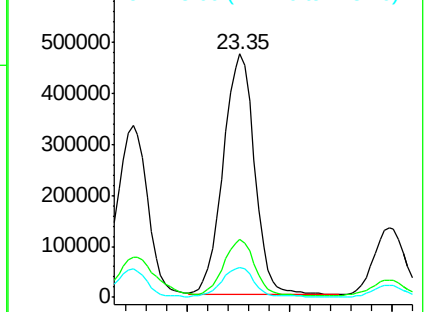
252 100

253 23.7 19.4 29.2

125 12.5 11.9 17.9



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: 5.33 ng

RT: 25.98 min Scan# 3871

Delta R.T. 0.13 min

Lab File: BE090149.D

Acq: 17 Jul 2015 10:30

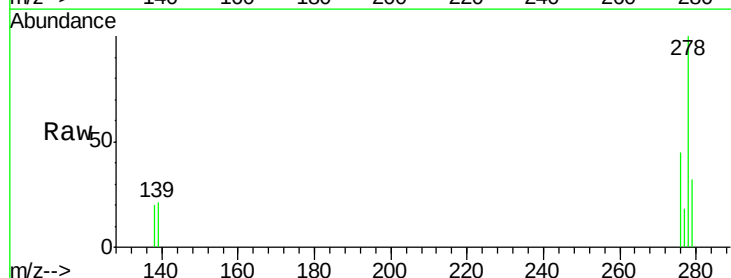
Tgt Ion:278 Resp: 43184

Ion Ratio Lower Upper

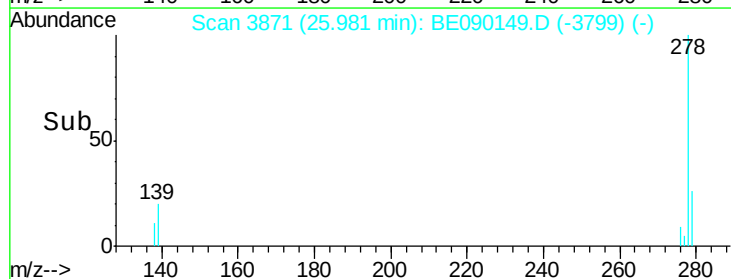
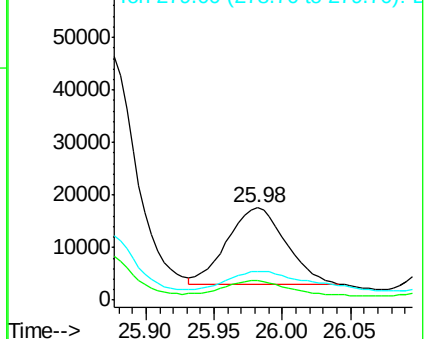
278 100

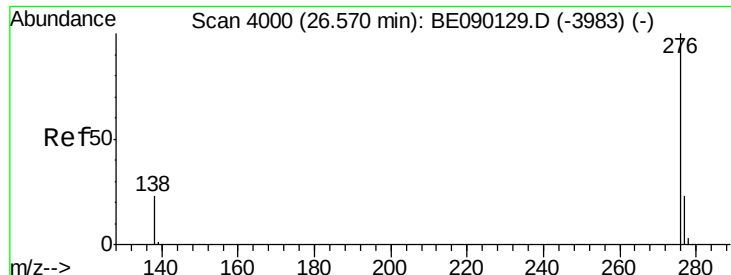
139 21.0 18.3 27.5

279 31.5 23.3 34.9



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: 38.94 ng

RT: 26.61 min Scan# 4008

Delta R.T. 0.04 min

Lab File: BE090149.D

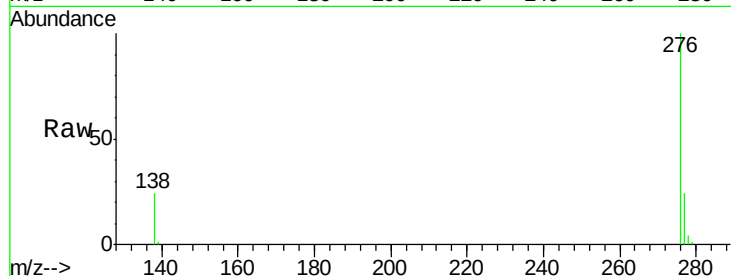
Acq: 17 Jul 2015 10:30

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MSD



Tgt Ion: 276 Resp: 584642

Ion Ratio Lower Upper

276 100

277 24.4 22.0 33.0

138 23.9 22.0 33.0

