

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090148.D
 Acq On : 17 Jul 2015 9:54
 Operator : TP/IZ
 Sample : G3015-01MS 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jul 17 13:19:59 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

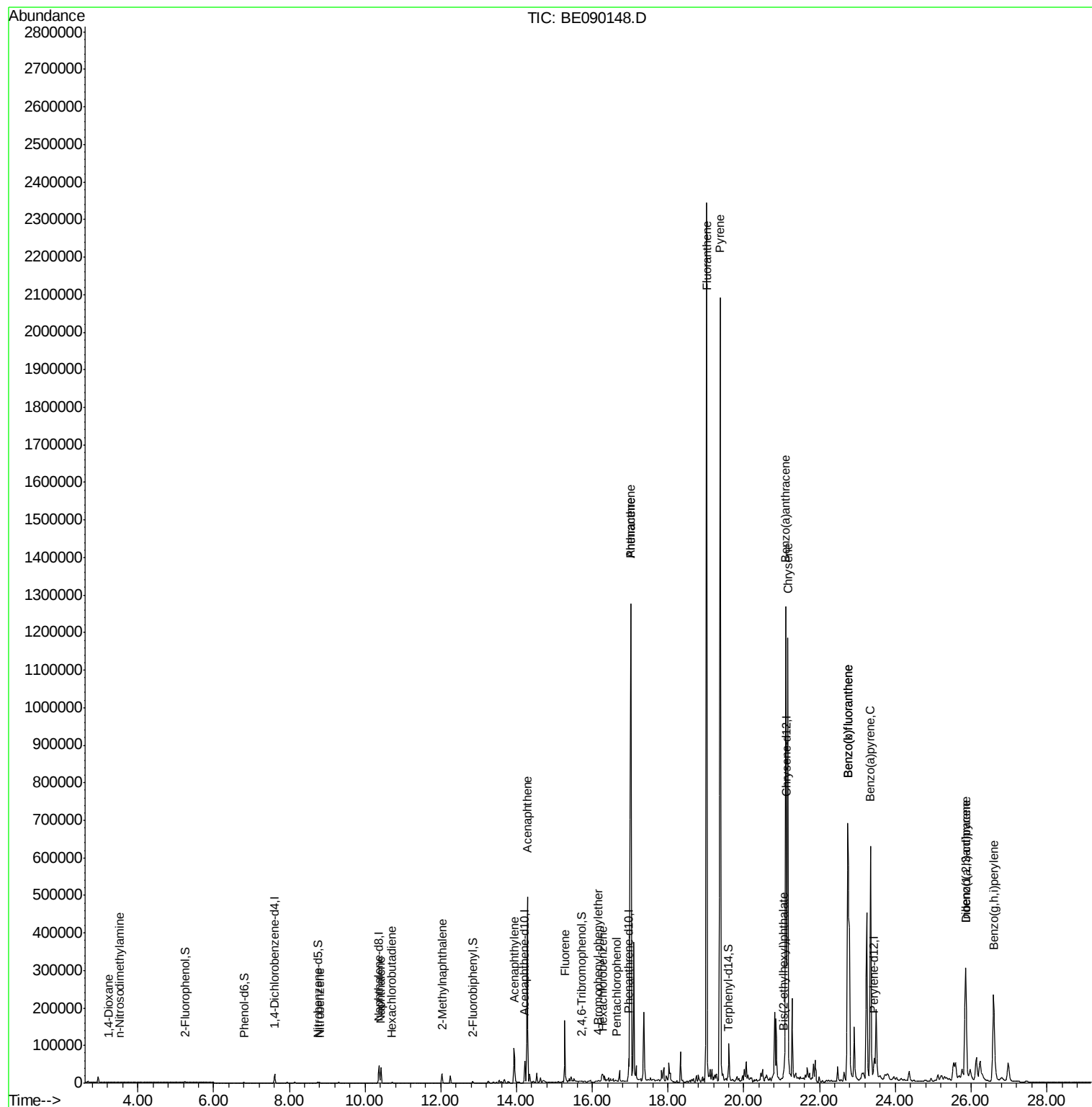
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	12457	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	60523	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	34528	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	76543	5.00	ng	0.00
25) Chrysene-d12	21.13	240	79766	5.00	ng	0.00
32) Perylene-d12	23.44	264	78640	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1772	0.66	ng	0.00
5) Phenol-d6	6.80	99	2772	0.73	ng	0.00
7) Nitrobenzene-d5	8.75	82	1774	0.40	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	881	1.19	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	4577	0.43	ng	0.00
27) Terphenyl-d14	19.58	244	8012	0.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	448	0.24	ng	# 89
3) n-Nitrosodimethylamine	3.53	42	563	0.29	ng	# 82
8) Nitrobenzene	8.79	77	1305	0.28	ng	98
9) Naphthalene	10.41	128	56156	4.10	ng	99
10) Hexachlorobutadiene	10.71	225	648	0.28	ng	99
11) 2-Methylnaphthalene	12.03	142	17894	2.04	ng	99
15) Acenaphthylene	13.94	152	129298	2.11	ng	98
16) Acenaphthene	14.28	154	92533	10.42	ng	94
17) Fluorene	15.27	166	111493	9.61	ng	98
19) 4-Bromophenyl-phenylether	16.16	248	961	0.29	ng	# 73
20) Hexachlorobenzene	16.28	284	3891	0.27	ng	95
21) Pentachlorophenol	16.63	266	639	1.19	ng	96
22) Phenanthrene	17.01	178	1574411	81.71	ng	97
23) Anthracene	17.01	178	1574005	92.16	ng	96
24) Fluoranthene	19.02	202	2351647	123.52	ng	95
26) Pyrene	19.38	202	2153379	99.84	ng	# 88
28) Benzo(a)anthracene	21.11	228	1248326	92.33	ng	94
29) Chrysene	21.16	228	1129669	56.65	ng	94
30) Bis(2-ethylhexyl)phthalate	21.05	149	4328	1.53	ng	# 90
31) Indeno(1,2,3-cd)pyrene	25.86	276	503849	94.80	ng	95
33) Benzo(b)fluoranthene	22.75	252	1294045	226.35	ng	99
34) Benzo(k)fluoranthene	22.75	252	1294045	52.83	ng	99
35) Benzo(a)pyrene	23.35	252	929110	55.59	ng	97
36) Dibenzo(a,h)anthracene	25.86	278	135072	9.55	ng	93
37) Benzo(g,h,i)perylene	26.60	276	516087	30.61	ng	94

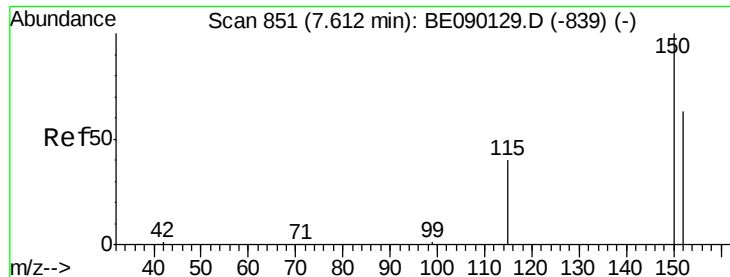
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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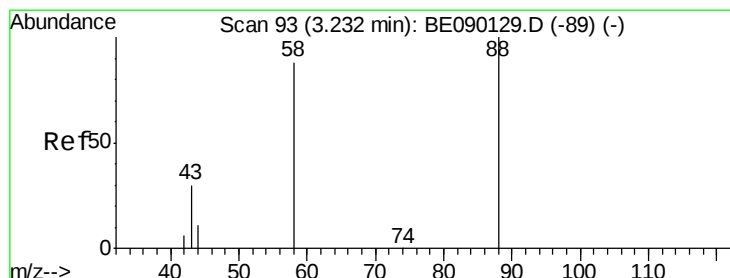
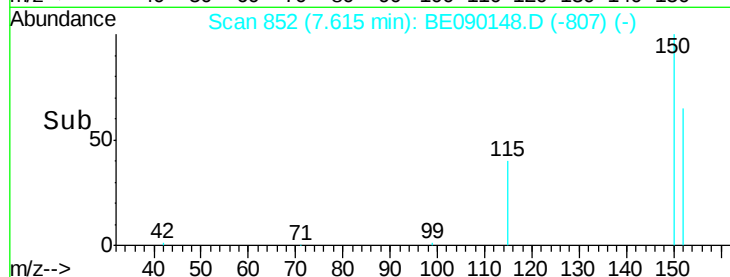
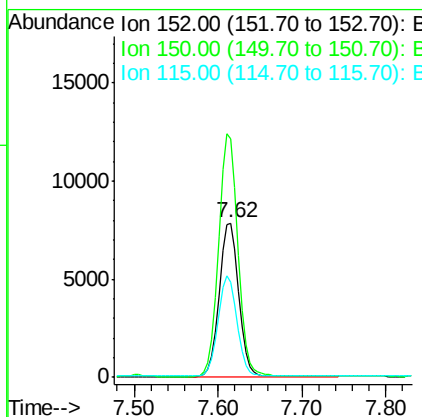
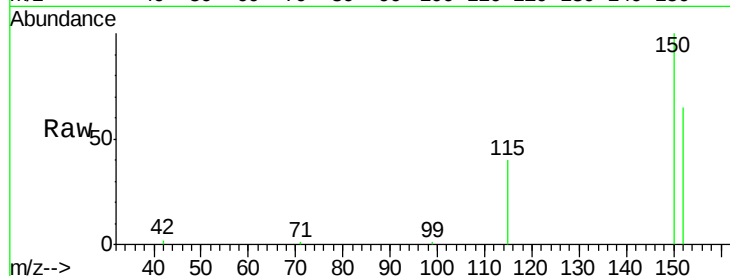




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.62 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

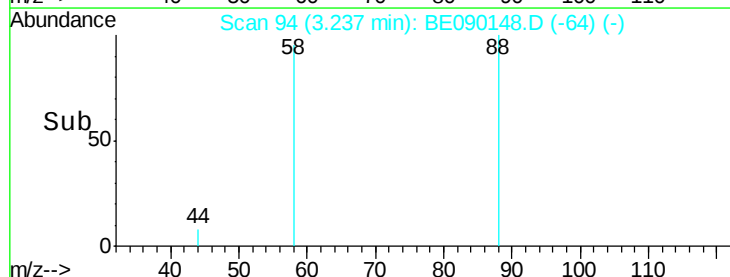
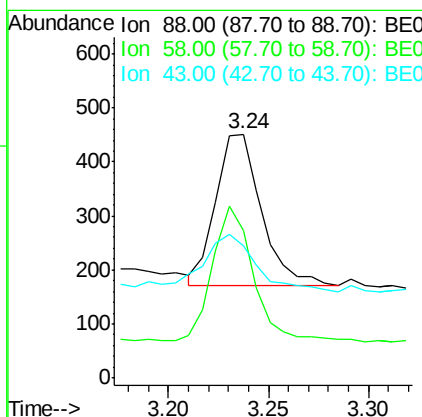
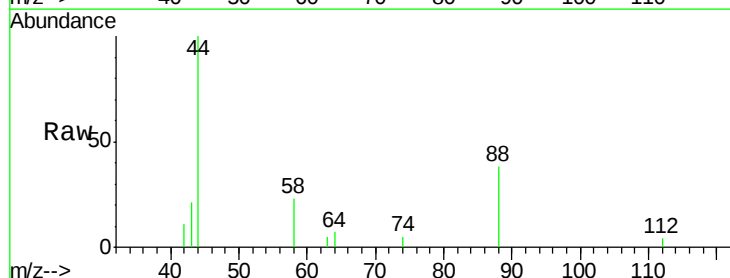
Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MS

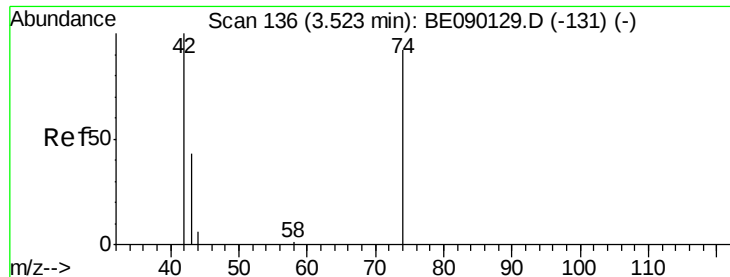
Tgt Ion: 152 Resp: 12457
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.3 190.9
 115 61.8 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.24 ng
 RT: 3.24 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

Tgt Ion: 88 Resp: 448
 Ion Ratio Lower Upper
 88 100
 58 80.6 67.0 100.4
 43 49.3 26.0 39.0#



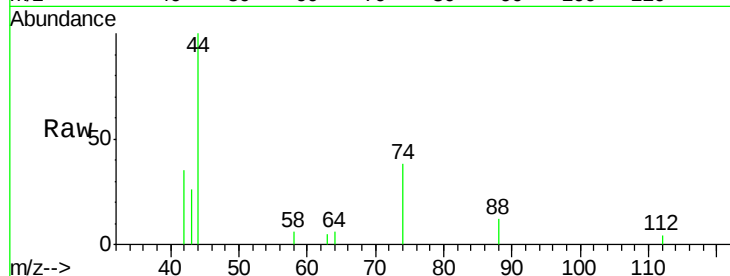


#3

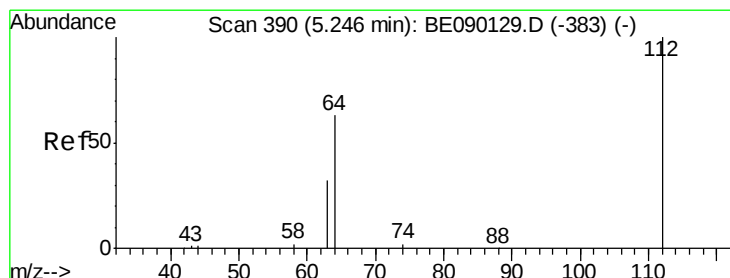
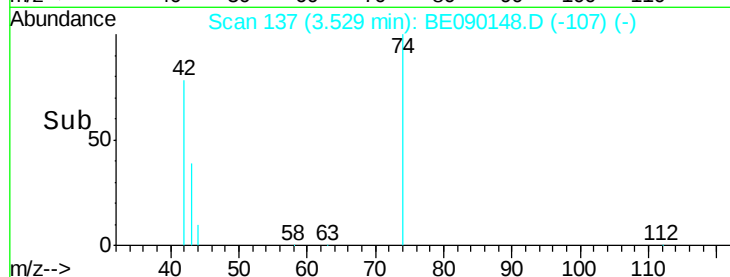
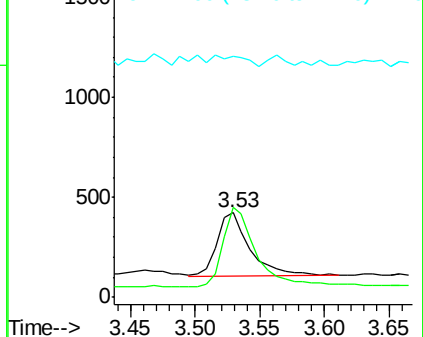
n-Nitrosodimethylamine
 Concen: 0.29 ng
 RT: 3.53 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

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

Tgt Ion: 42 Resp: 563
 Ion Ratio Lower Upper
 42 100
 74 133.0 91.0 136.6
 44 17.1 9.2 13.8#



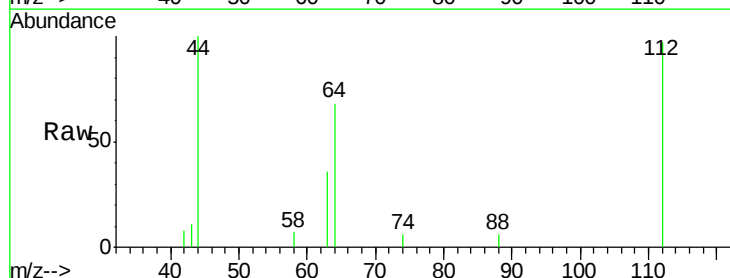
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



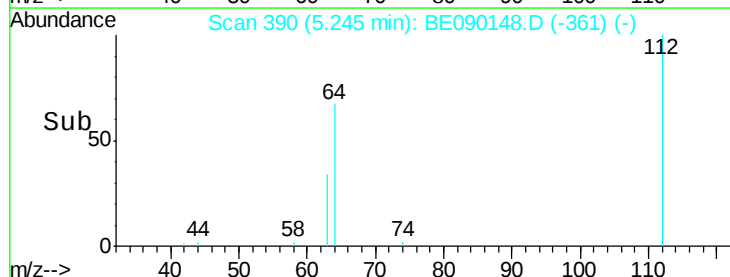
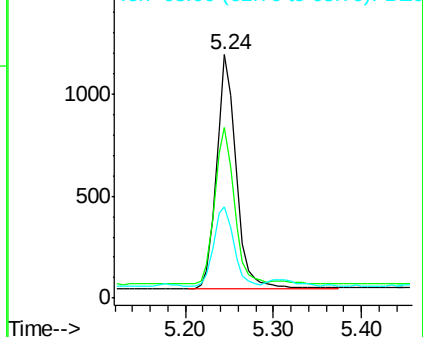
#4

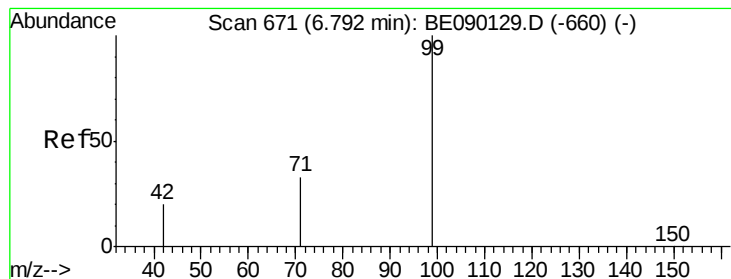
2-Fluorophenol
 Concen: 0.66 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

Tgt Ion: 112 Resp: 1772
 Ion Ratio Lower Upper
 112 100
 64 67.3 55.4 83.2
 63 34.9 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: 0.73 ng

RT: 6.80 min Scan# 673

Delta R.T. 0.01 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

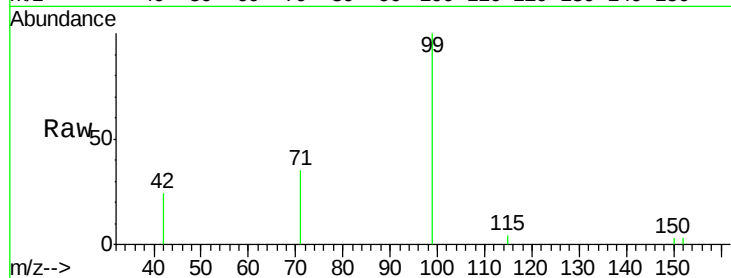
Tgt Ion: 99 Resp: 2772

Ion Ratio Lower Upper

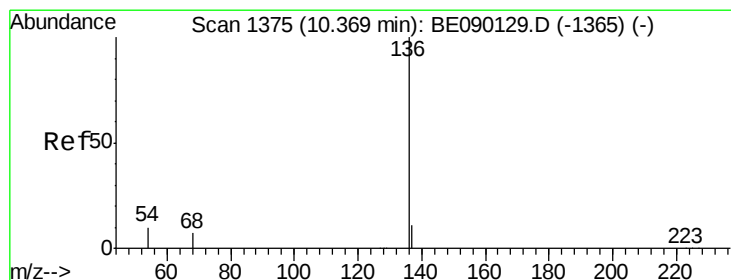
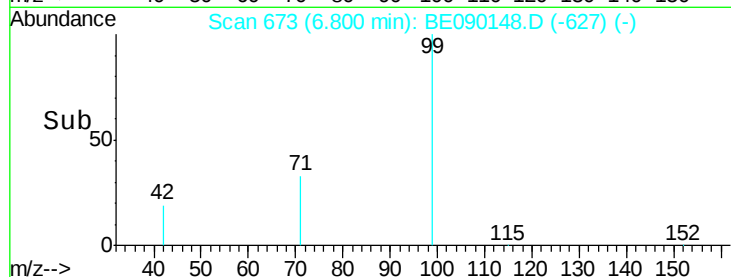
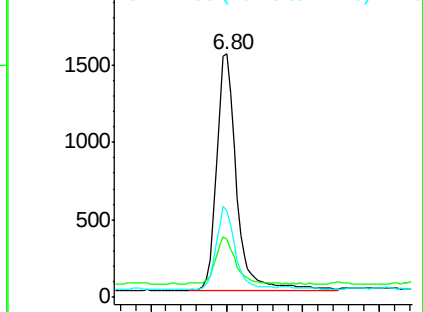
99 100

42 19.0 16.8 25.2

71 32.9 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: BE090148.D

Acq: 17 Jul 2015 9:54

Tgt Ion: 136 Resp: 60523

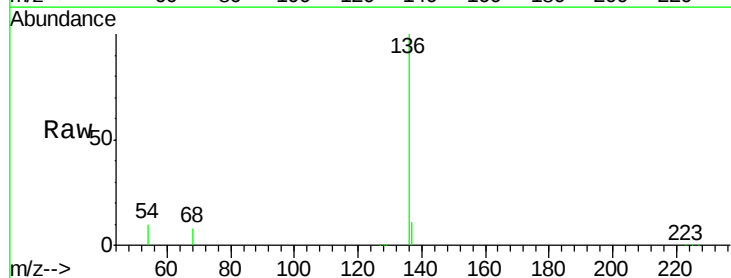
Ion Ratio Lower Upper

136 100

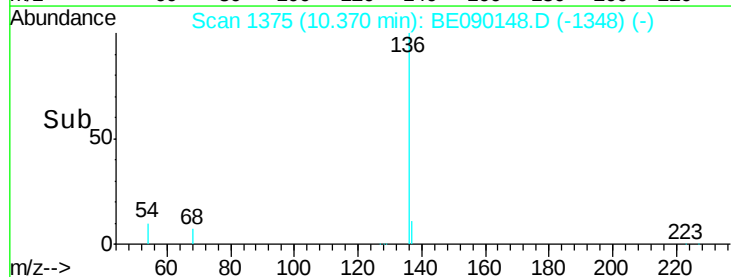
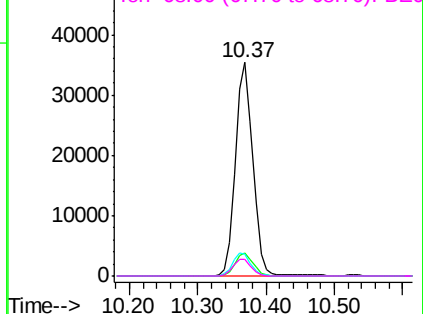
137 11.1 8.9 13.3

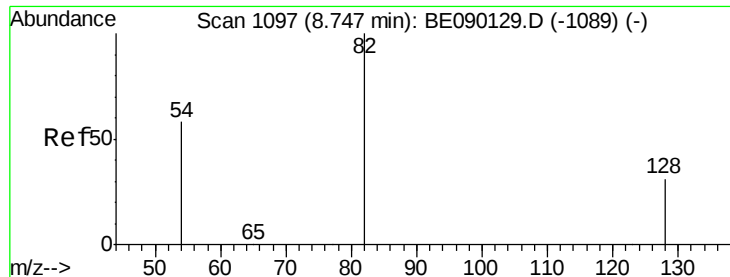
54 10.2 7.8 11.8

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: 0.40 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

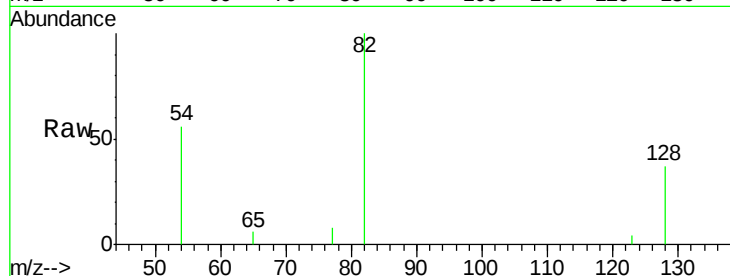
Tgt Ion: 82 Resp: 1774

Ion Ratio Lower Upper

82 100

128 37.2 26.2 39.2

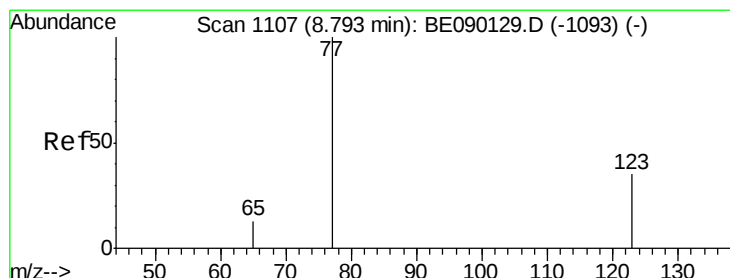
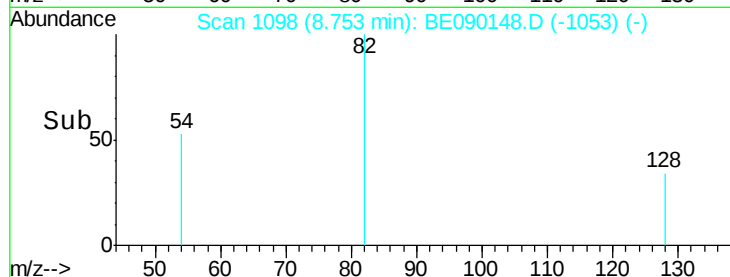
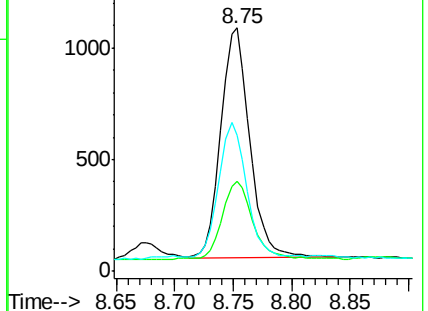
54 55.8 47.1 70.7



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: 0.28 ng

RT: 8.79 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

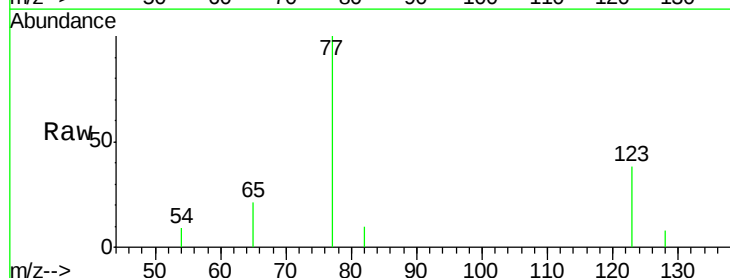
Tgt Ion: 77 Resp: 1305

Ion Ratio Lower Upper

77 100

123 35.3 28.5 42.7

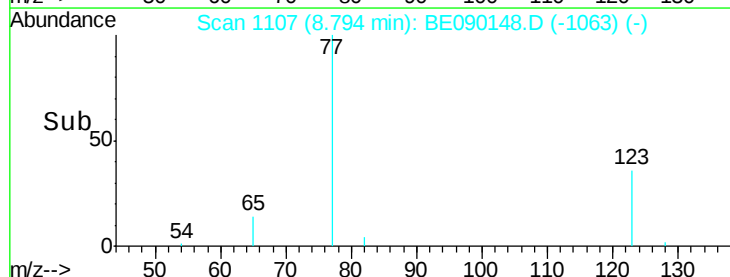
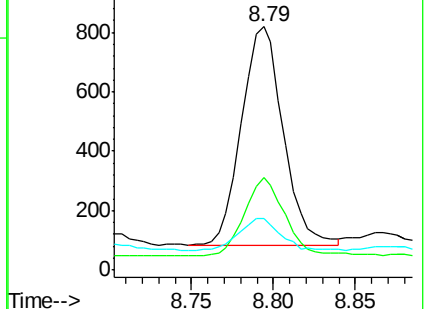
65 14.9 10.2 15.2

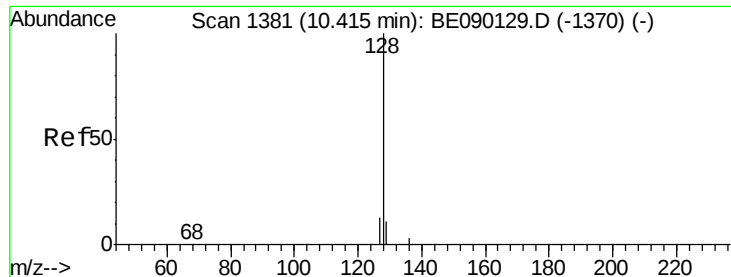


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 4.10 ng

RT: 10.41 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

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STOCKPILE-7-15-15MS

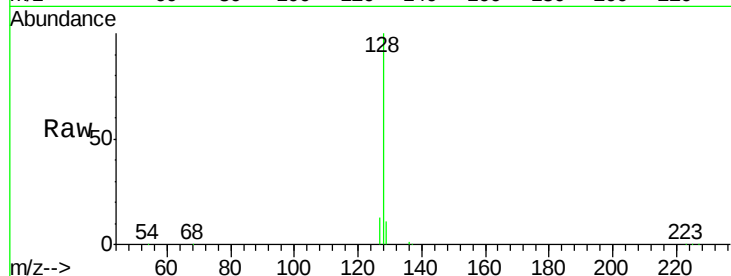
Tgt Ion:128 Resp: 56156

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

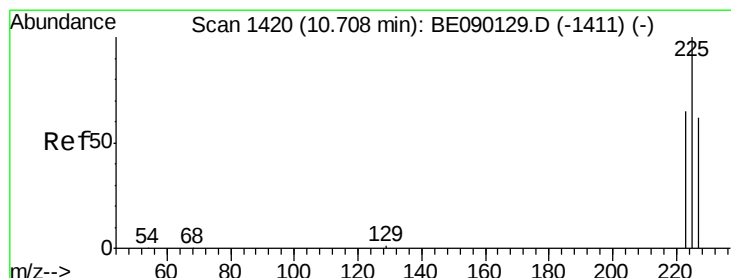
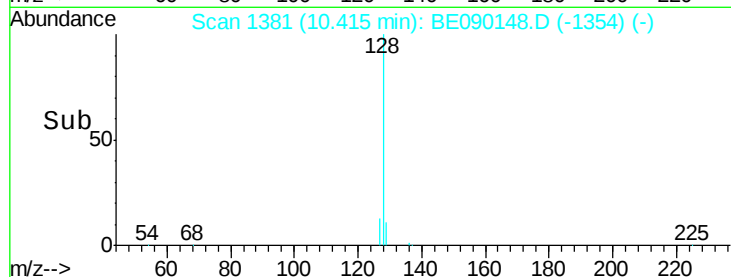
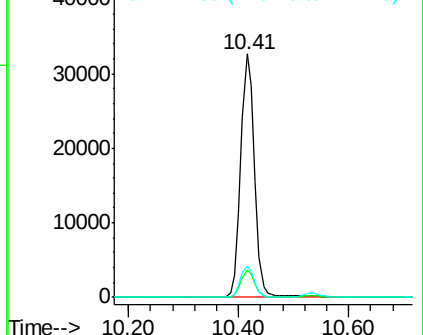
127 13.0 10.8 16.2



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: 0.28 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

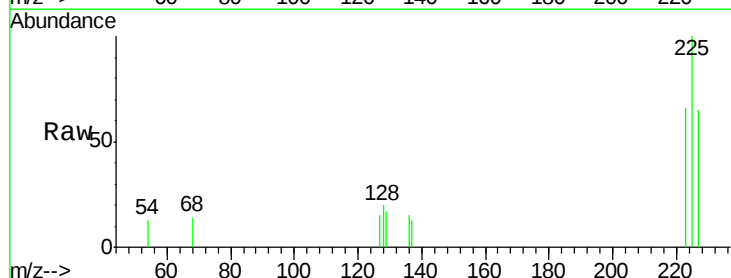
Tgt Ion:225 Resp: 648

Ion Ratio Lower Upper

225 100

223 61.9 50.2 75.2

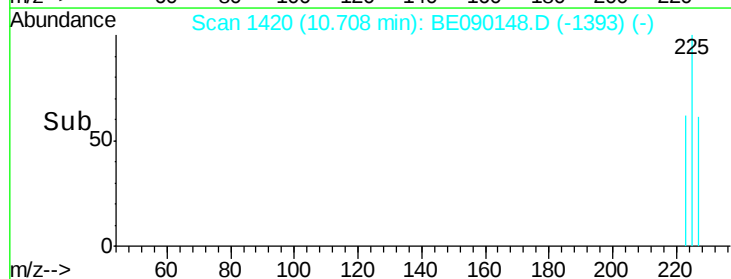
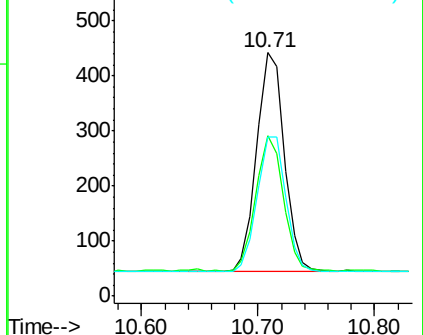
227 63.6 51.3 76.9

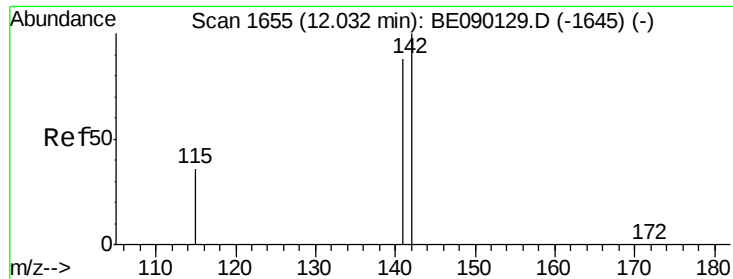


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

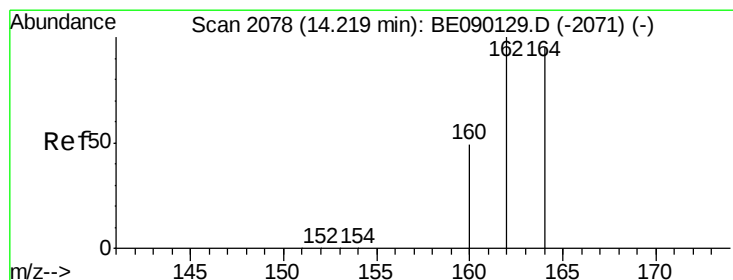
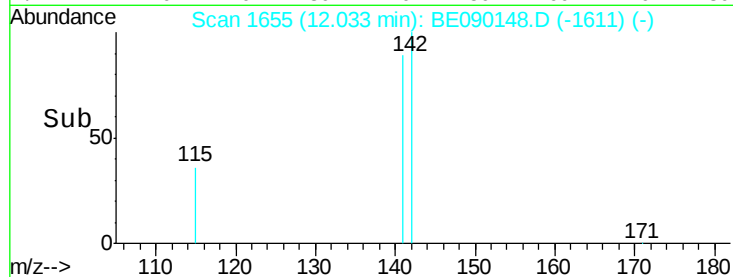
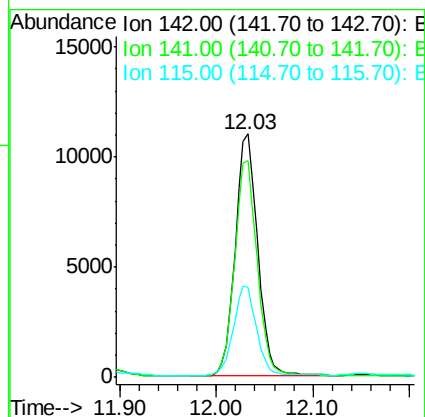
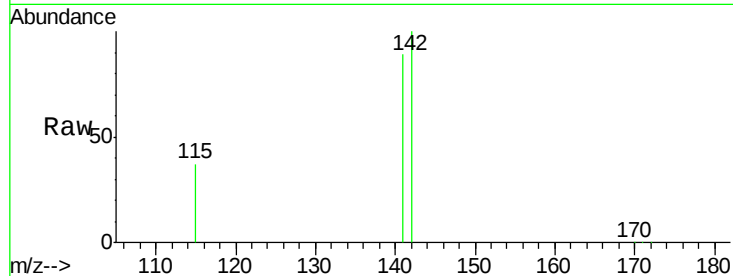




#11
2-Methylnaphthalene
Concen: 2.04 ng
RT: 12.03 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE090148.D
Acq: 17 Jul 2015 9:54

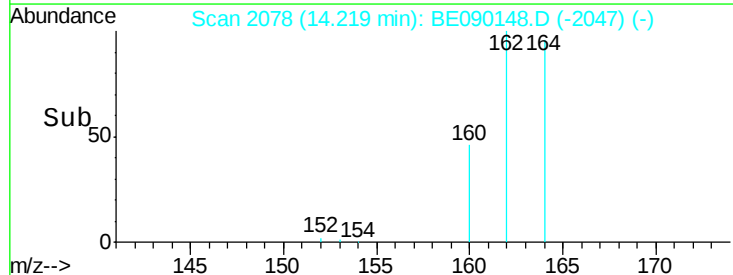
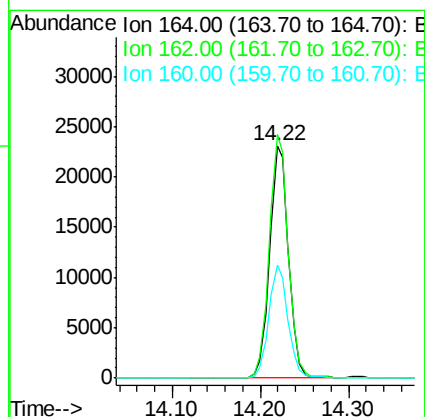
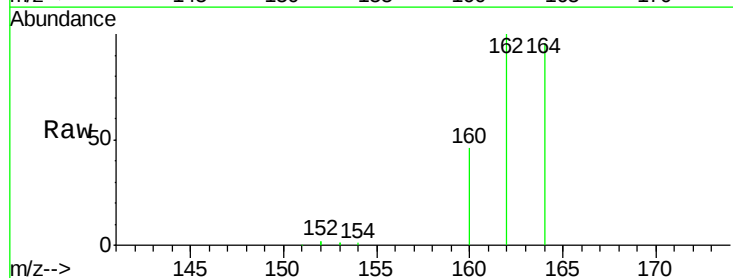
Instrument :
BNA_E
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STOCKPILE-7-15-15MS

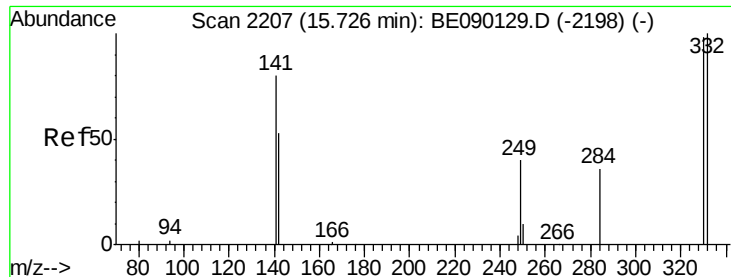
Tgt Ion:142 Resp: 17894
Ion Ratio Lower Upper
142 100
141 88.9 70.6 105.8
115 37.0 29.4 44.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090148.D
Acq: 17 Jul 2015 9:54

Tgt Ion:164 Resp: 34528
Ion Ratio Lower Upper
164 100
162 104.6 84.0 126.0
160 48.3 41.1 61.7

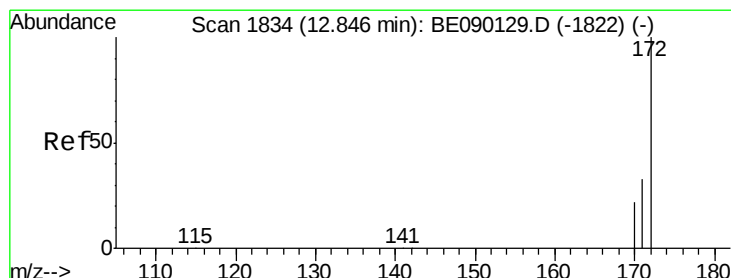
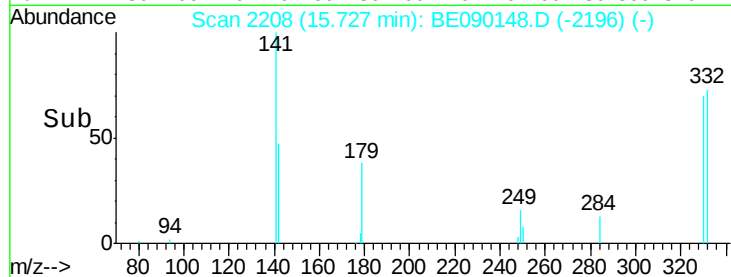
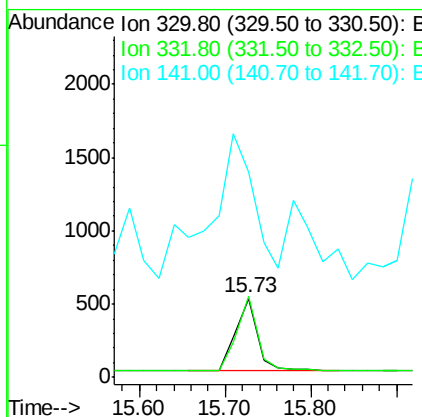
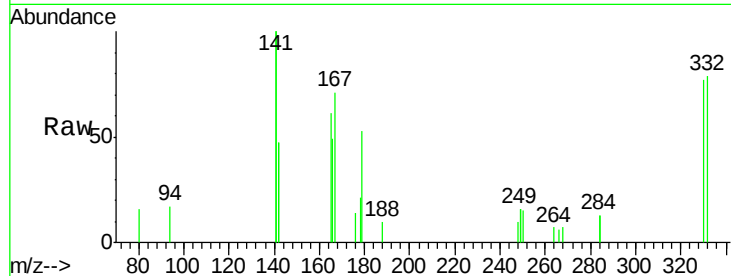




#13
 2,4,6-Tribromophenol
 Concen: 1.19 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

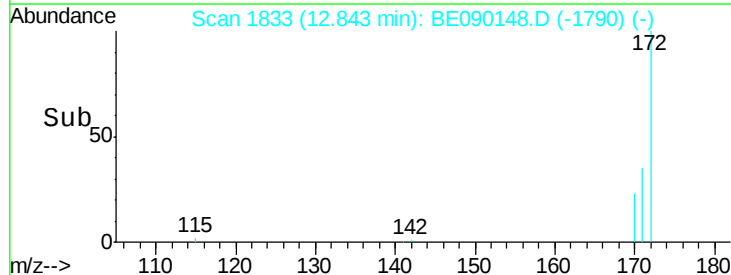
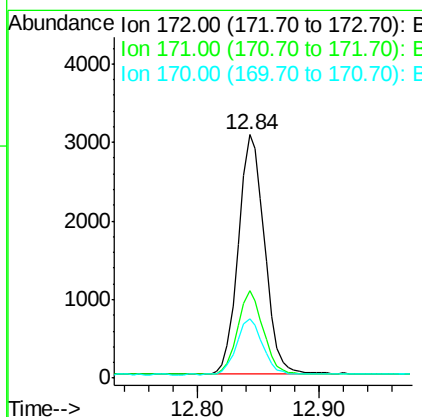
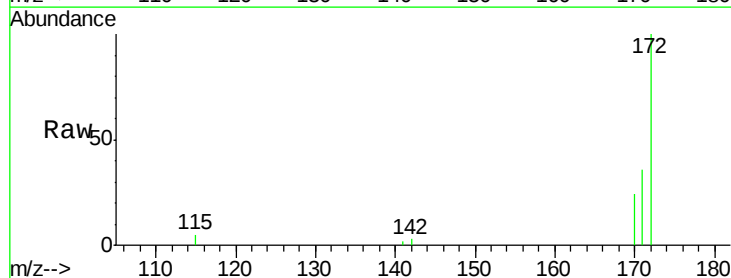
Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MS

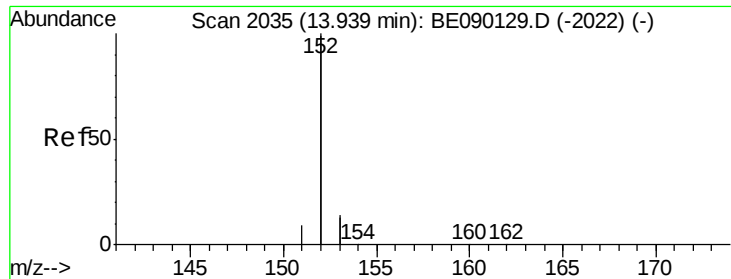
Tgt Ion: 330 Resp: 881
 Ion Ratio Lower Upper
 330 100
 332 101.2 79.4 119.0
 141 407.4 160.2 240.2#



#14
 2-Fluorobiphenyl
 Concen: 0.43 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

Tgt Ion: 172 Resp: 4577
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.1 40.7
 170 24.3 17.9 26.9





#15

Acenaphthylene

Concen: 2.11 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

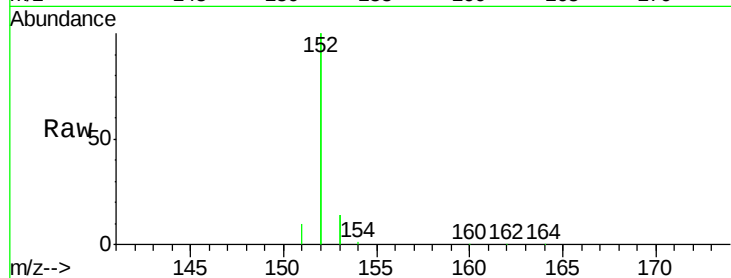
Tgt Ion:152 Resp: 129298

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

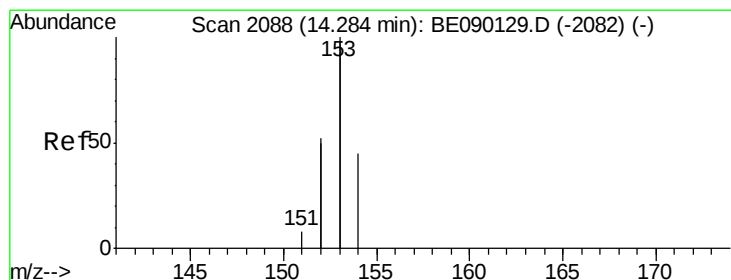
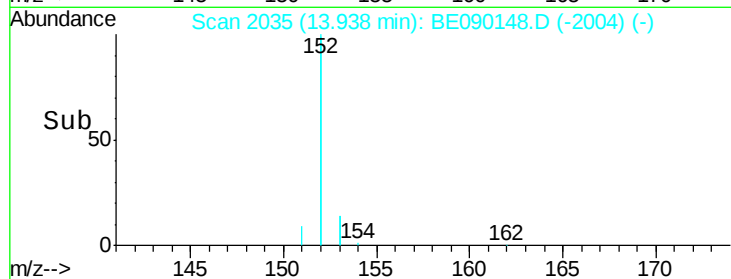
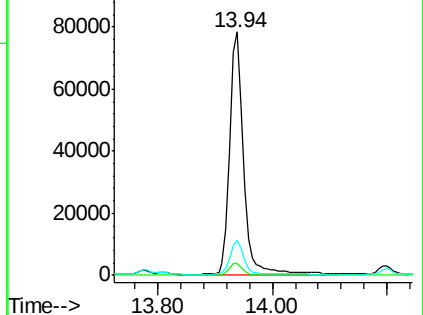
153 14.2 10.4 15.6



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: 10.42 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

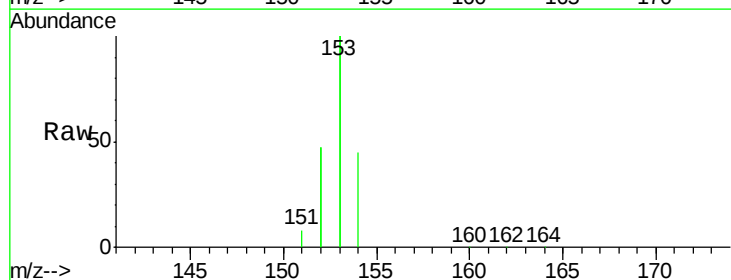
Tgt Ion:154 Resp: 92533

Ion Ratio Lower Upper

154 100

153 459.0 369.5 554.3

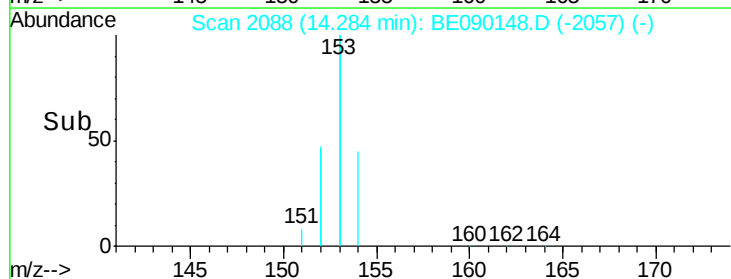
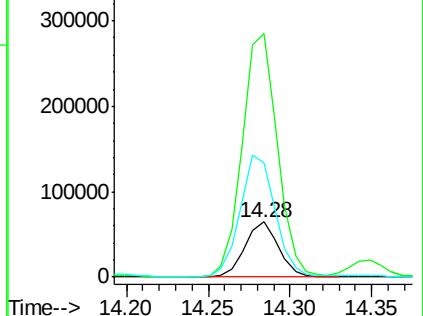
152 228.8 202.2 303.4

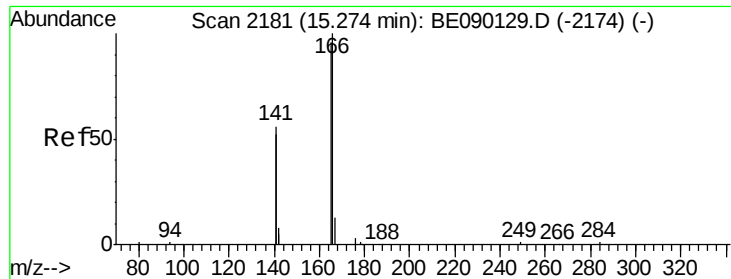


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 9.61 ng

RT: 15.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

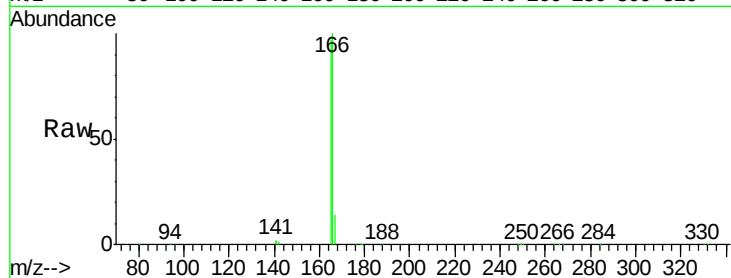
Tgt Ion:166 Resp: 111493

Ion Ratio Lower Upper

166 100

165 100.1 78.7 118.1

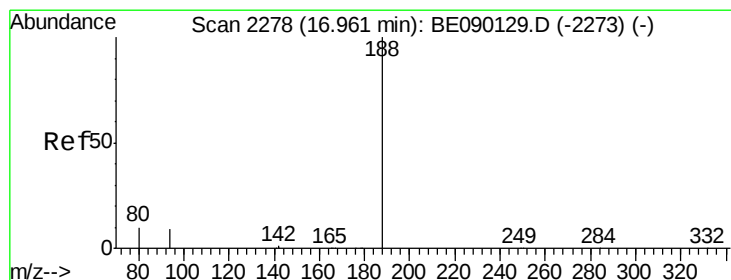
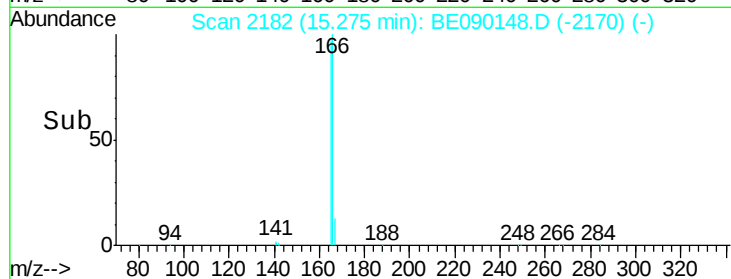
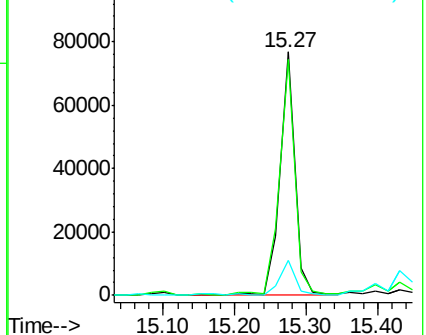
167 14.4 11.1 16.7



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: 16.96 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

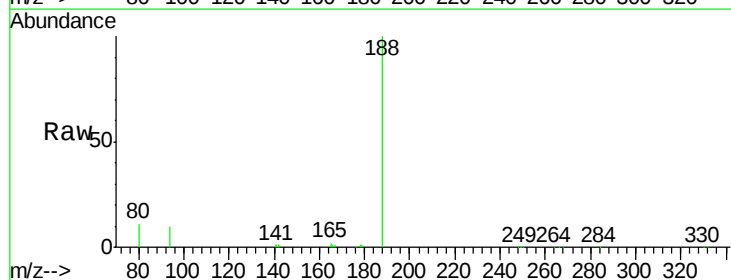
Tgt Ion:188 Resp: 76543

Ion Ratio Lower Upper

188 100

94 10.1 7.3 10.9

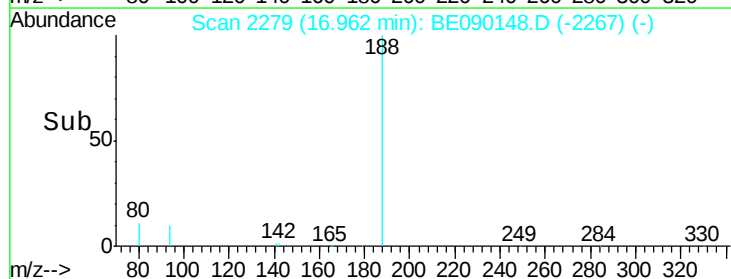
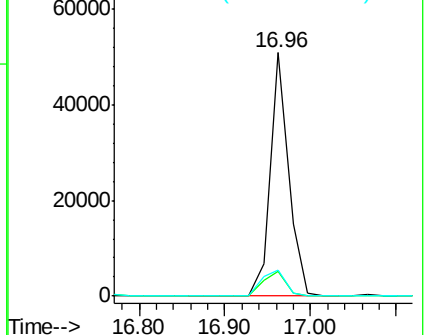
80 10.9 8.0 12.0

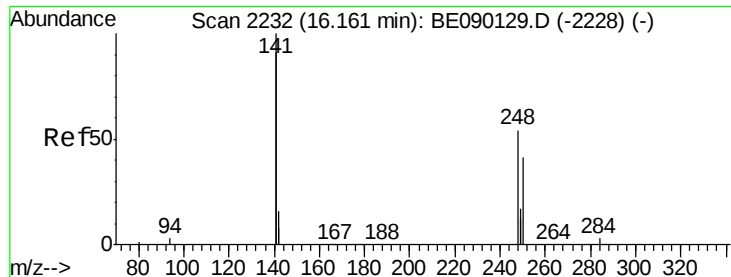


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

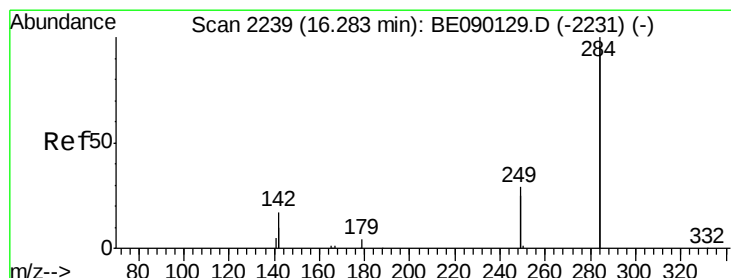
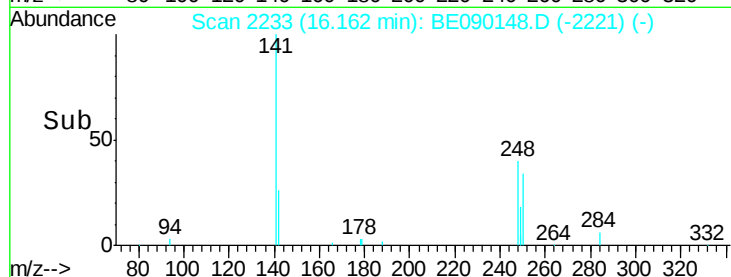
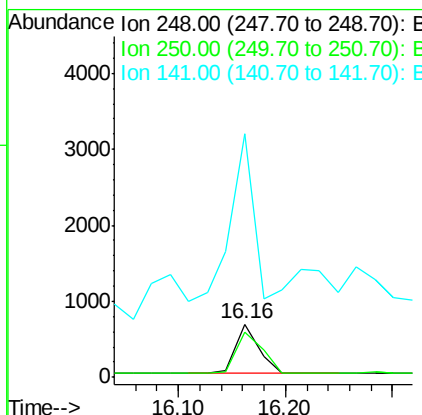
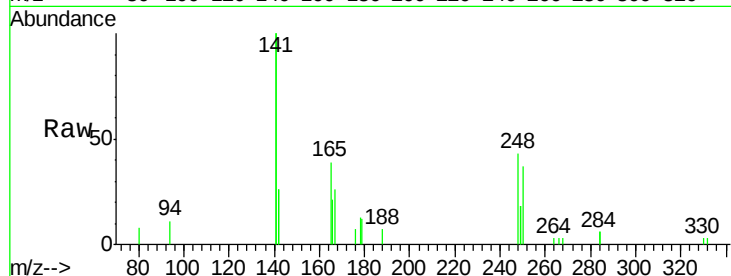




#19
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.16 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BE090148.D
Acq: 17 Jul 2015 9:54

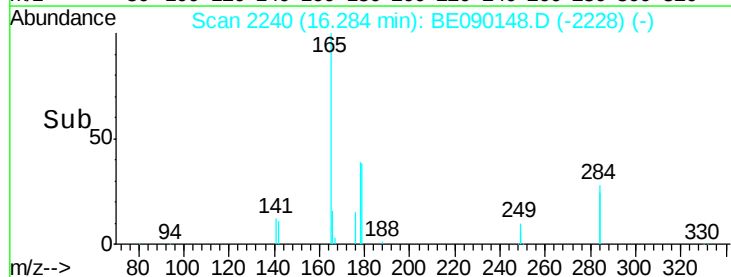
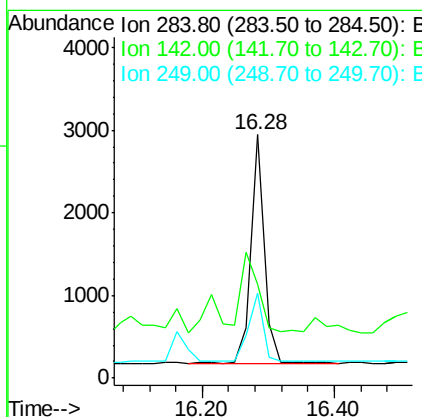
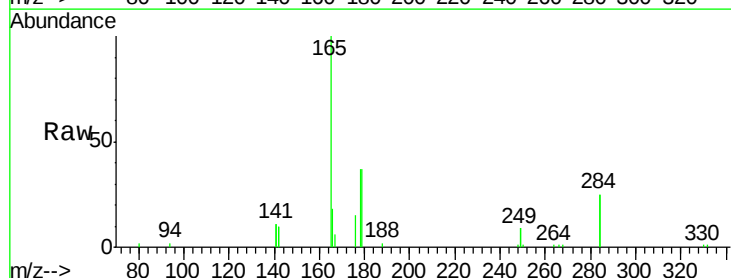
Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15MS

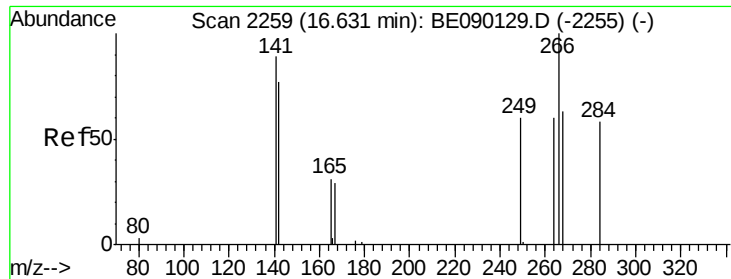
Tgt Ion: 248 Resp: 961
Ion Ratio Lower Upper
248 100
250 95.7 76.2 114.4
141 378.9 246.0 369.0#



#20
Hexachlorobenzene
Concen: 0.27 ng
RT: 16.28 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE090148.D
Acq: 17 Jul 2015 9:54

Tgt Ion: 284 Resp: 3891
Ion Ratio Lower Upper
284 100
142 42.3 30.2 45.4
249 32.9 25.5 38.3

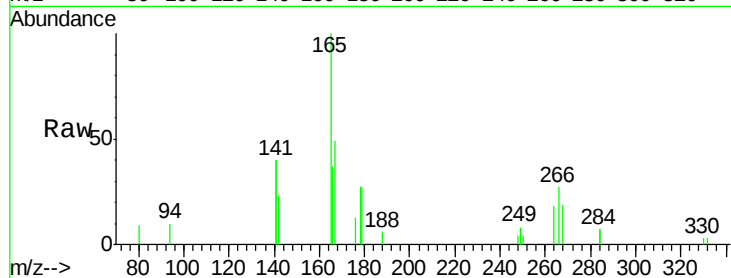




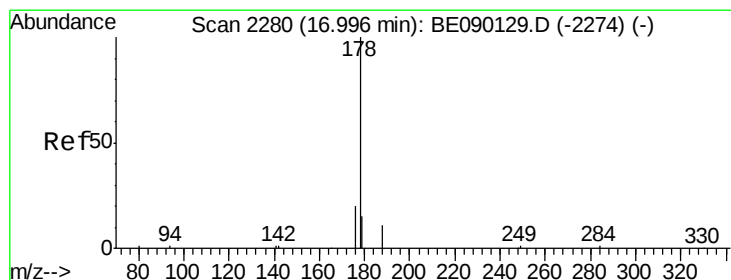
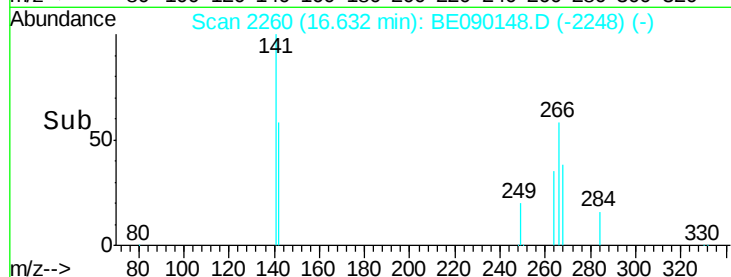
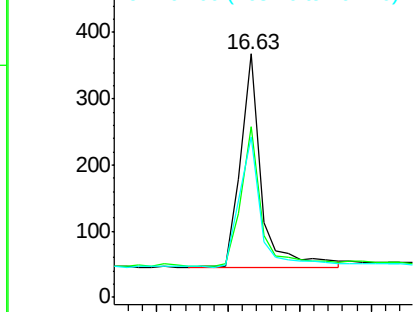
#21
 Pentachlorophenol
 Concen: 1.19 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

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

Tgt Ion: 266 Resp: 639
 Ion Ratio Lower Upper
 266 100
 268 69.8 58.2 87.2
 264 66.0 55.8 83.6

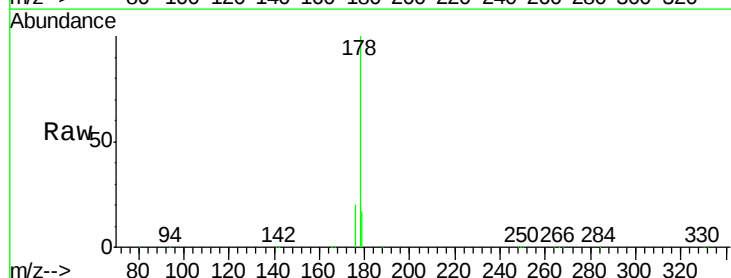


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

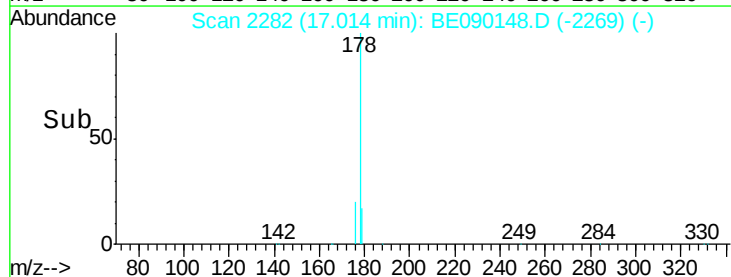
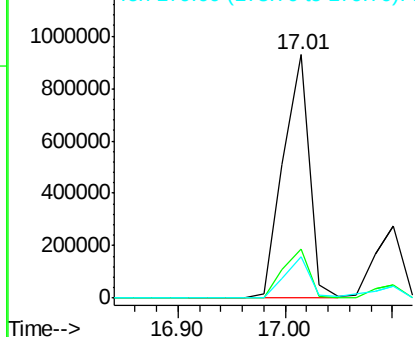


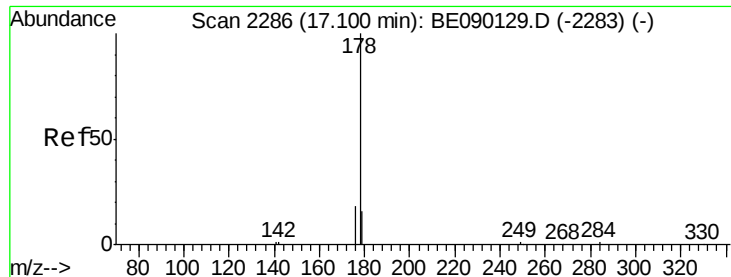
#22
 Phenanthrene
 Concen: 81.71 ng
 RT: 17.01 min Scan# 2282
 Delta R.T. 0.02 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

Tgt Ion: 178 Resp: 1574411
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.1 22.7
 179 16.5 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: 92.16 ng

RT: 17.01 min Scan# 2282

Delta R.T. -0.09 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

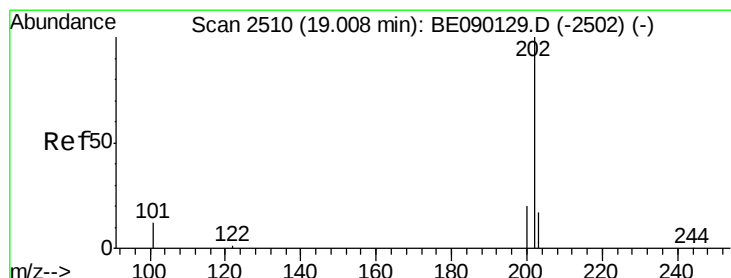
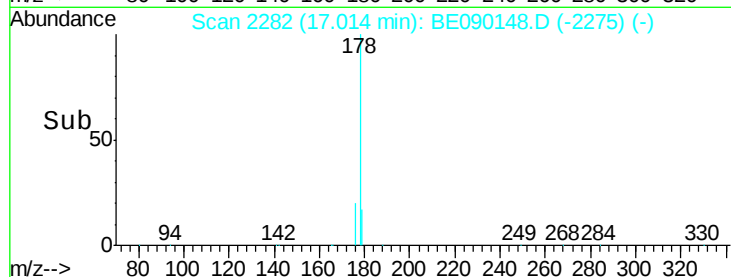
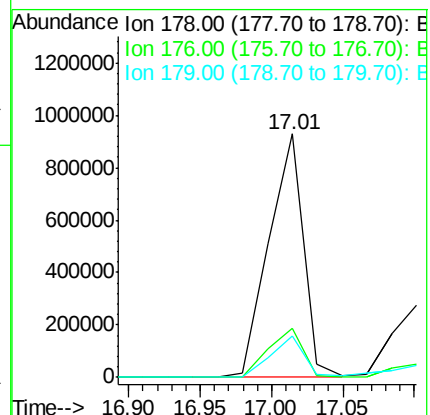
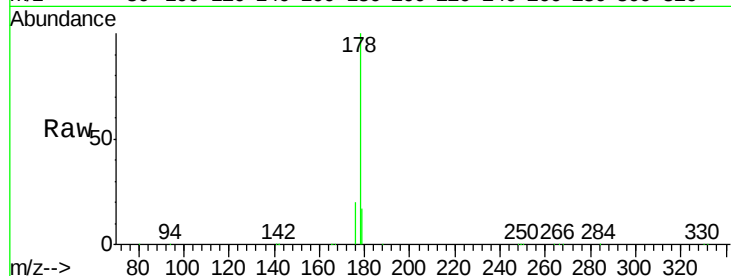
Tgt Ion:178 Resp: 1574005

Ion Ratio Lower Upper

178 100

176 20.5 14.7 22.1

179 16.5 12.2 18.4



#24

Fluoranthene

Concen: 123.52 ng

RT: 19.02 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

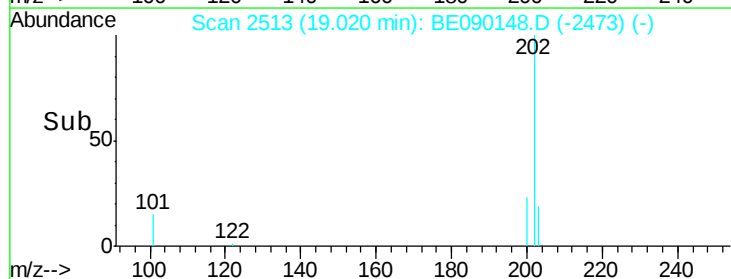
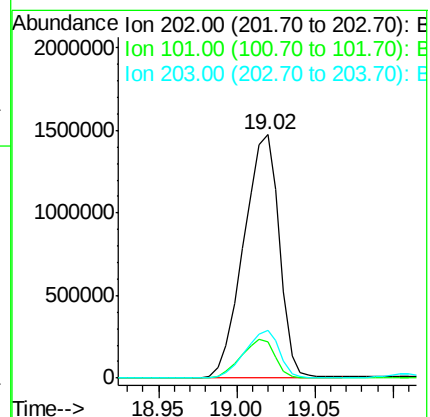
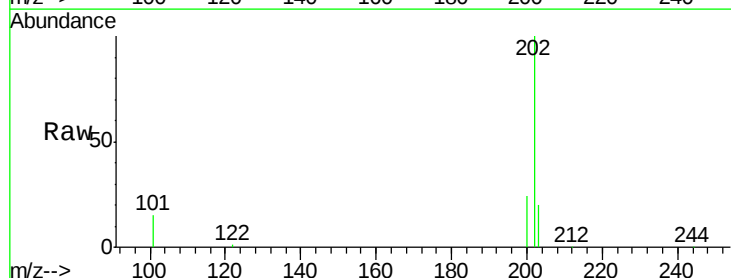
Tgt Ion:202 Resp: 2351647

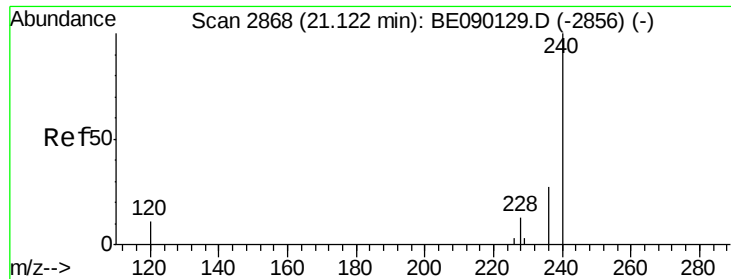
Ion Ratio Lower Upper

202 100

101 15.0 10.1 15.1

203 18.9 13.8 20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

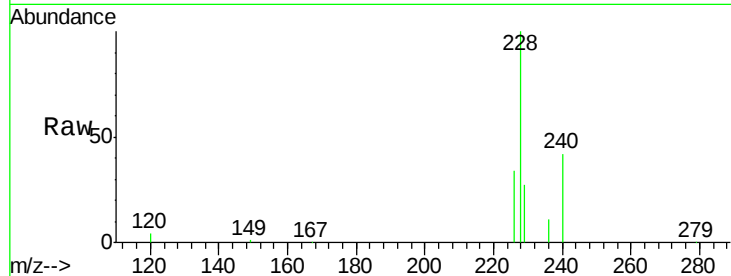
Tgt Ion:240 Resp: 79766

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

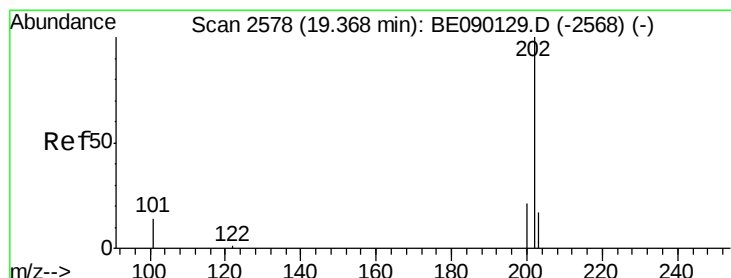
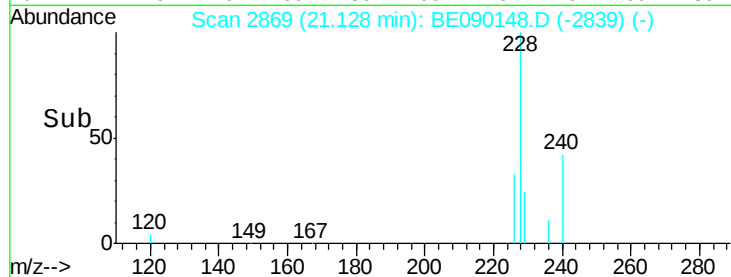
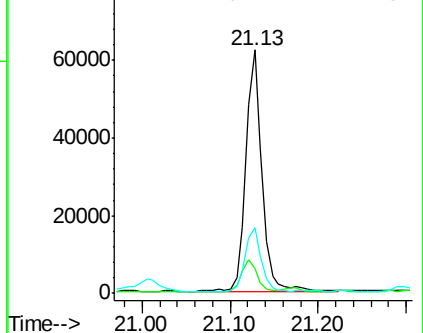
236 27.0 21.4 32.0



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: 99.84 ng

RT: 19.38 min Scan# 2581

Delta R.T. 0.01 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

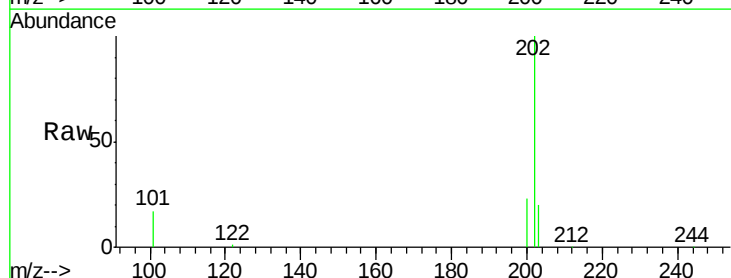
Tgt Ion:202 Resp: 2153379

Ion Ratio Lower Upper

202 100

200 23.1 16.6 24.8

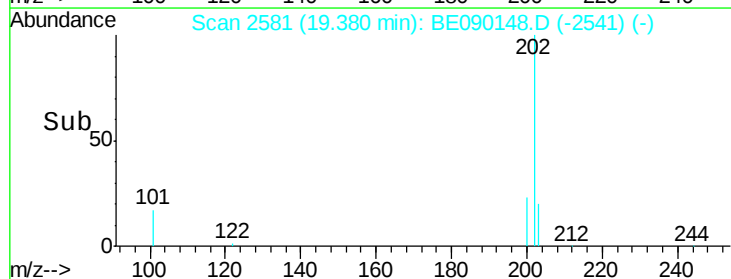
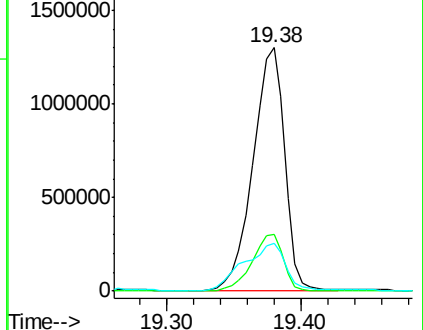
203 25.8 13.9 20.9#

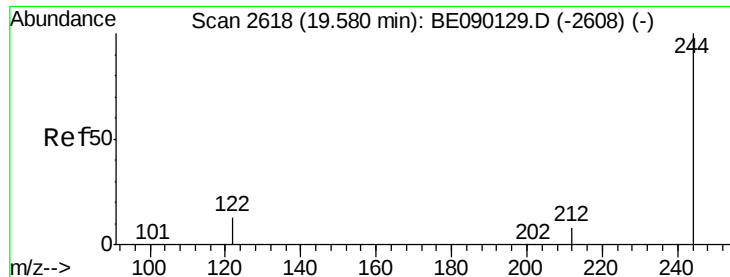


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

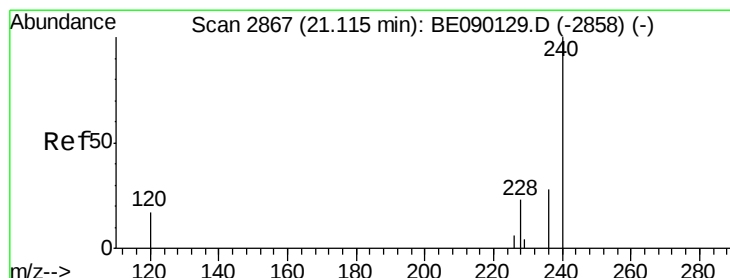
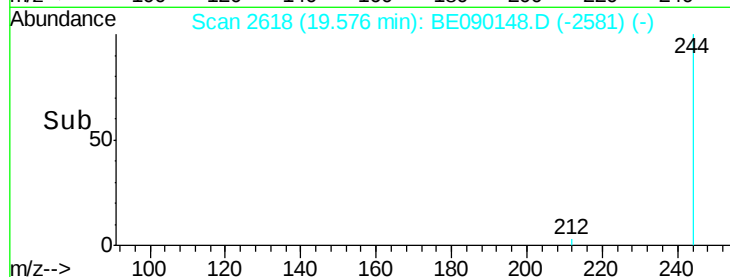
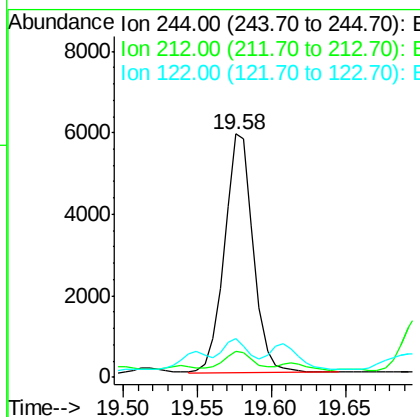
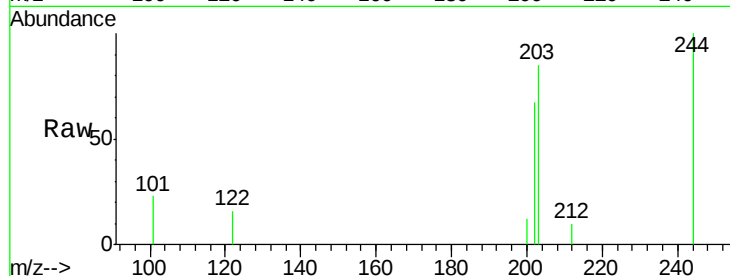




#27
 Terphenyl-d14
 Concen: 0.60 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

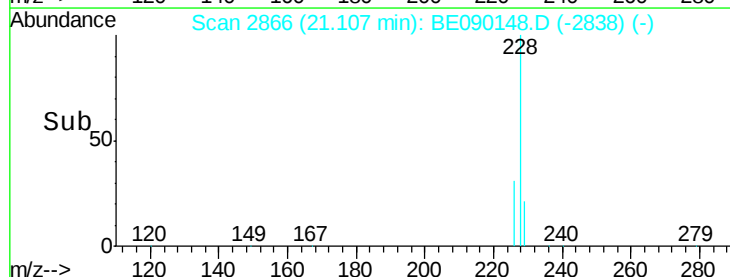
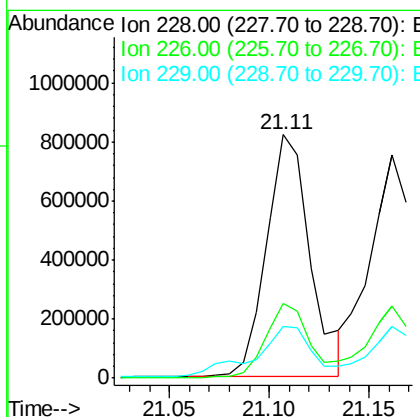
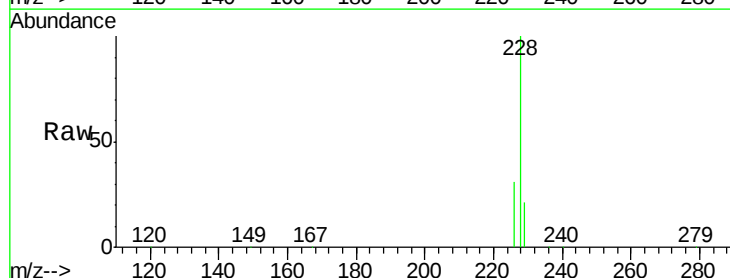
Instrument :
 BNA_E
 ClientSampleId :
 STOCKPILE-7-15-15MS

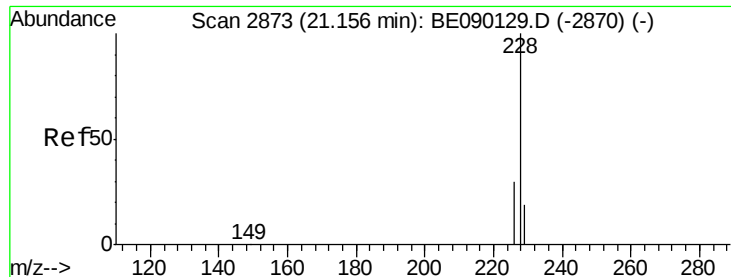
Tgt Ion:244 Resp: 8012
 Ion Ratio Lower Upper
 244 100
 212 10.5 6.7 10.1#
 122 15.7 10.7 16.1



#28
 Benzo(a)anthracene
 Concen: 92.33 ng
 RT: 21.11 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BE090148.D
 Acq: 17 Jul 2015 9:54

Tgt Ion:228 Resp: 1248326
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.3 31.9
 229 21.4 16.1 24.1





#29

Chrysene

Concen: 56.65 ng

RT: 21.16 min Scan# 2874

Delta R.T. 0.01 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

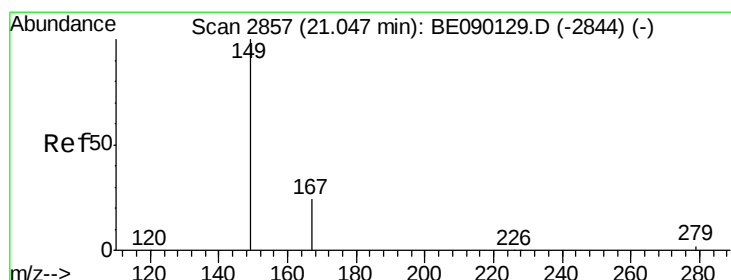
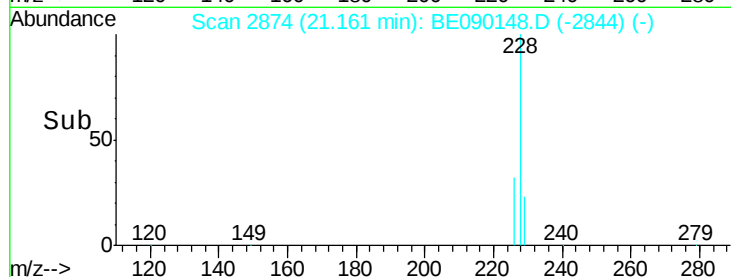
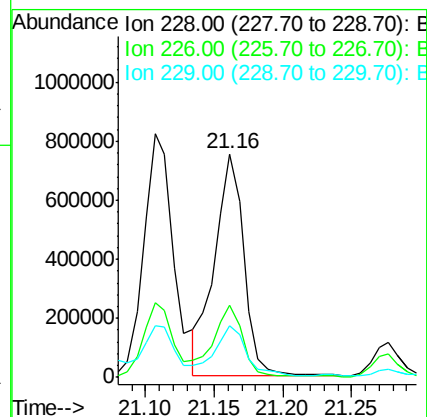
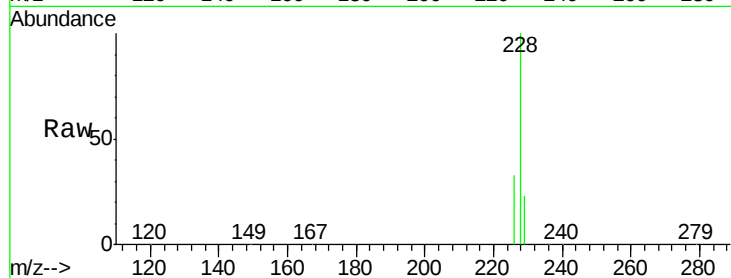
Tgt Ion:228 Resp: 1129669

Ion Ratio Lower Upper

228 100

226 32.5 23.5 35.3

229 23.0 16.0 24.0



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.53 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

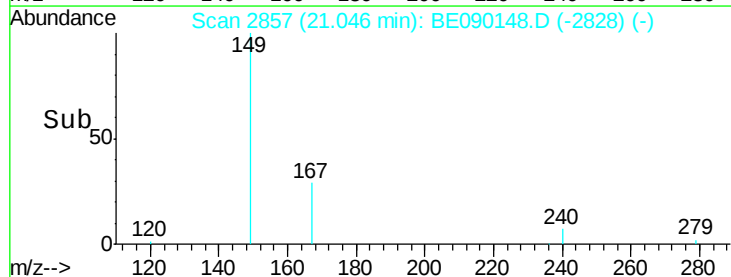
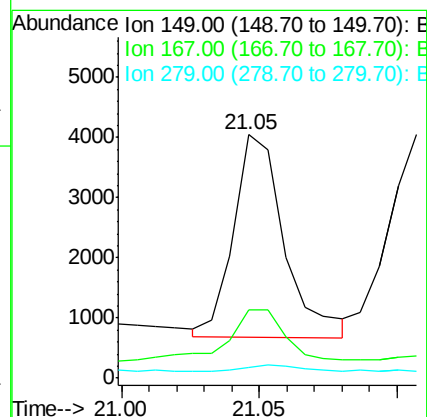
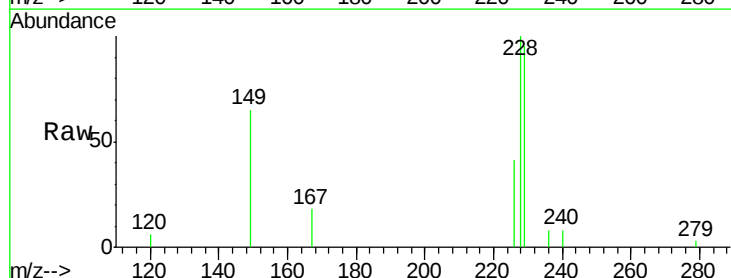
Tgt Ion:149 Resp: 4328

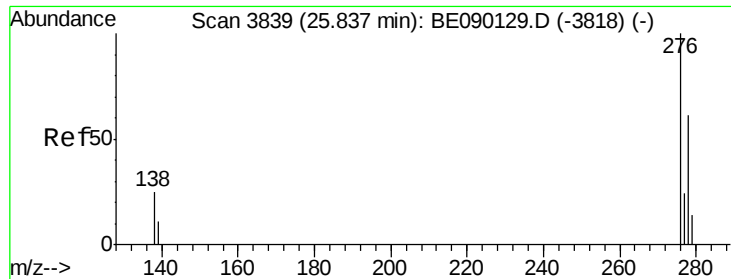
Ion Ratio Lower Upper

149 100

167 28.5 18.6 27.8#

279 2.9 2.2 3.4





#31

Indeno(1,2,3-cd)pyrene

Concen: 94.80 ng

RT: 25.86 min Scan# 3845

Delta R.T. 0.02 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

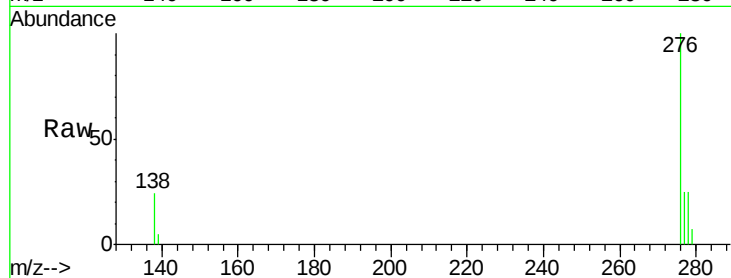
Tgt Ion:276 Resp: 503849

Ion Ratio Lower Upper

276 100

138 24.0 17.3 25.9

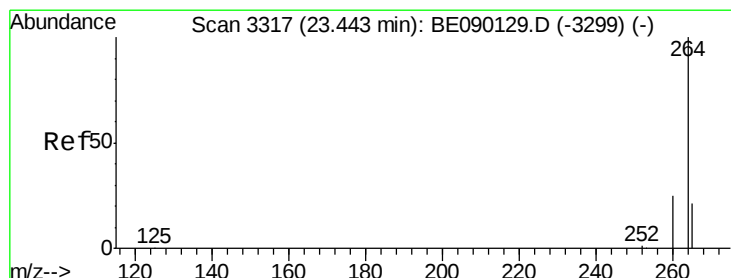
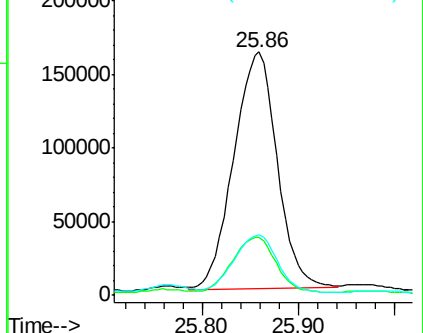
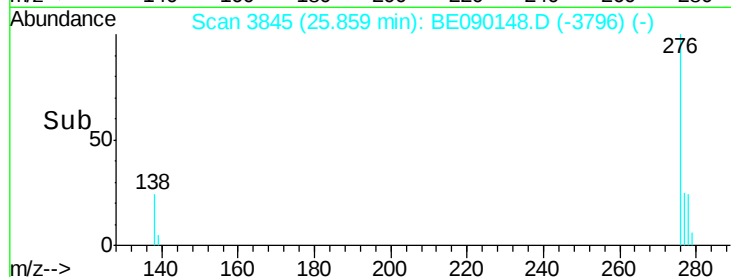
277 24.1 17.3 25.9



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.44 min Scan# 3318

Delta R.T. 0.00 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

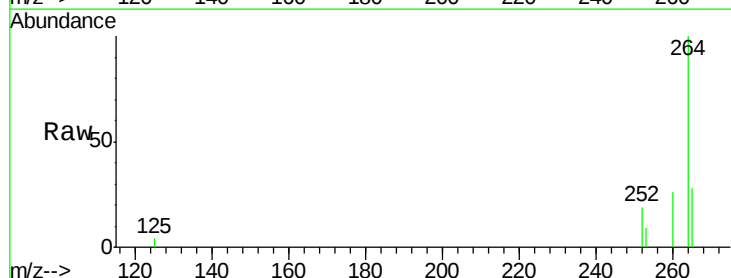
Tgt Ion:264 Resp: 78640

Ion Ratio Lower Upper

264 100

260 25.5 19.9 29.9

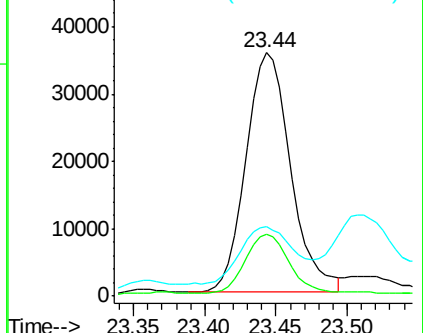
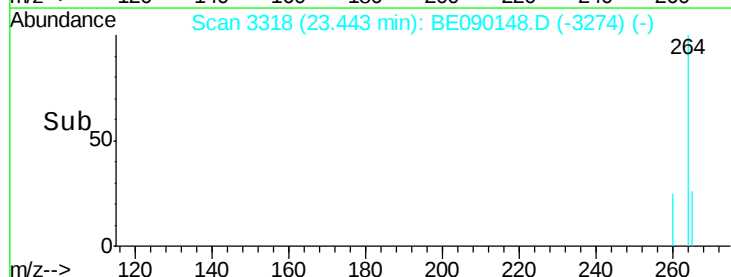
265 28.5 17.8 26.8#

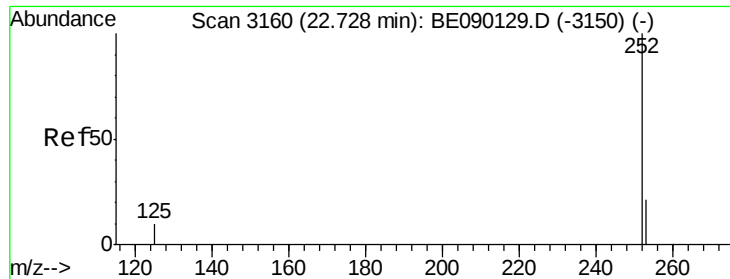


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 226.35 ng

RT: 22.75 min Scan# 3165

Delta R.T. 0.02 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

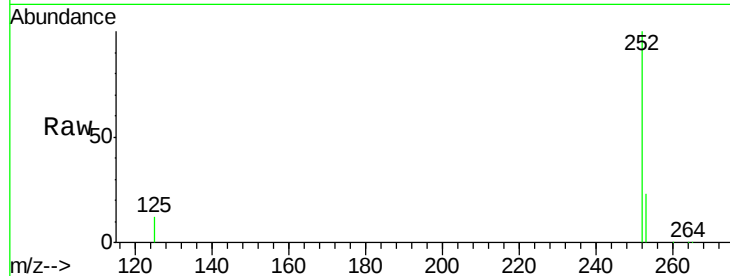
Tgt Ion:252 Resp: 1294045

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.6

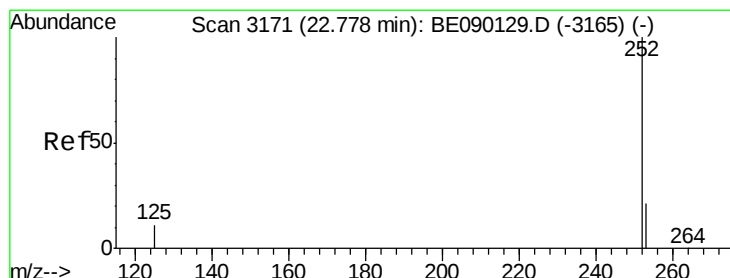
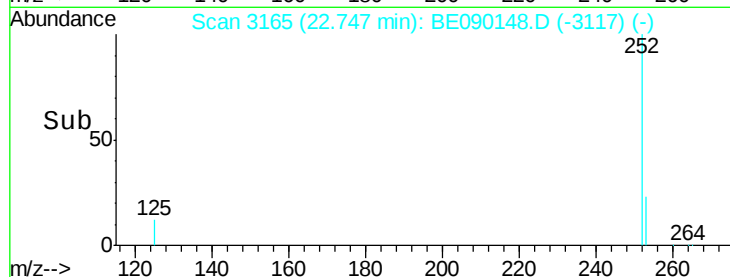
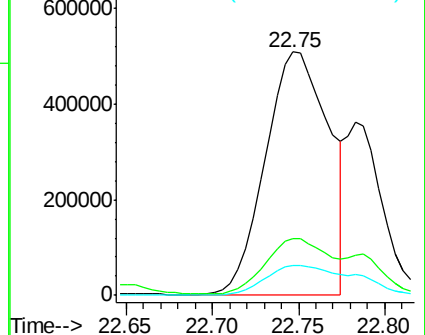
125 12.5 10.7 16.1



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: 52.83 ng

RT: 22.75 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

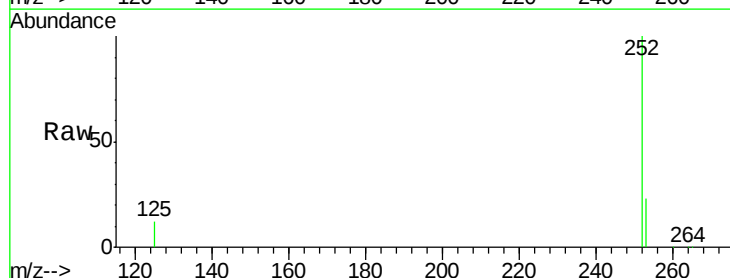
Tgt Ion:252 Resp: 1294045

Ion Ratio Lower Upper

252 100

253 23.3 18.7 28.1

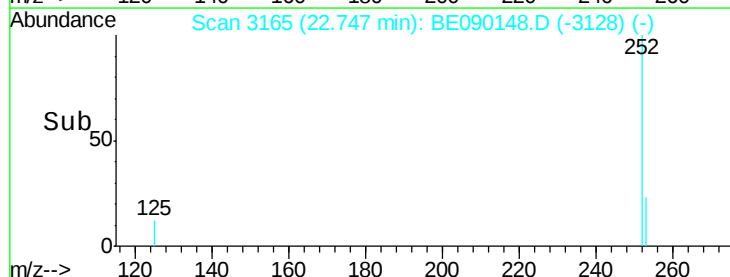
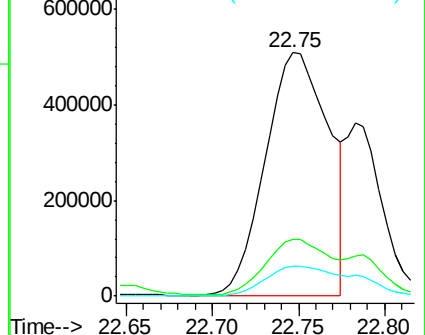
125 12.5 10.5 15.7

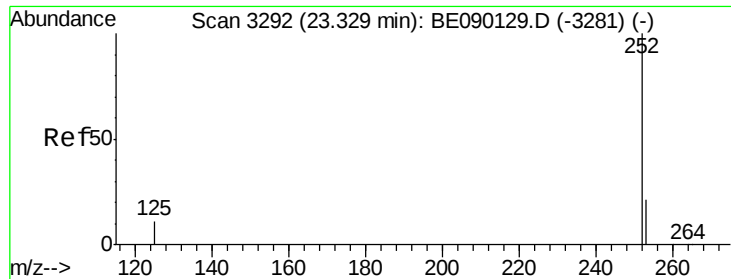


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 55.59 ng

RT: 23.35 min Scan# 3297

Delta R.T. 0.02 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS

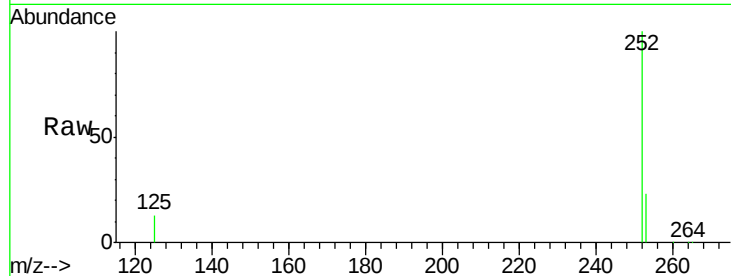
Tgt Ion:252 Resp: 929110

Ion Ratio Lower Upper

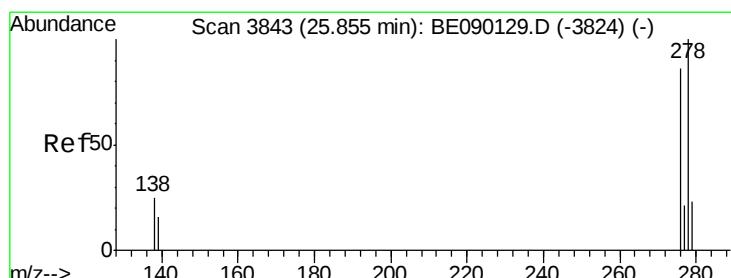
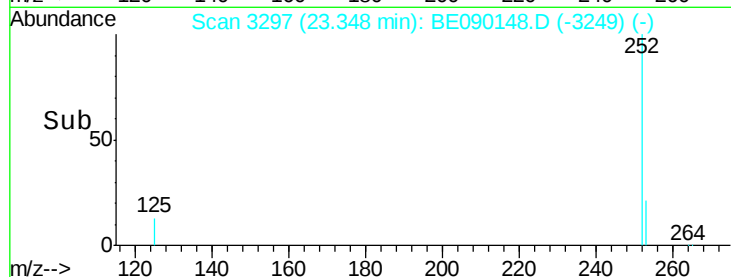
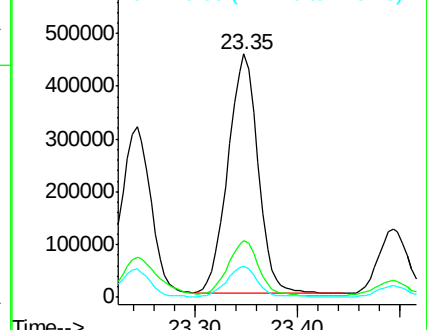
252 100

253 23.3 19.4 29.2

125 12.8 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: 9.55 ng

RT: 25.86 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BE090148.D

Acq: 17 Jul 2015 9:54

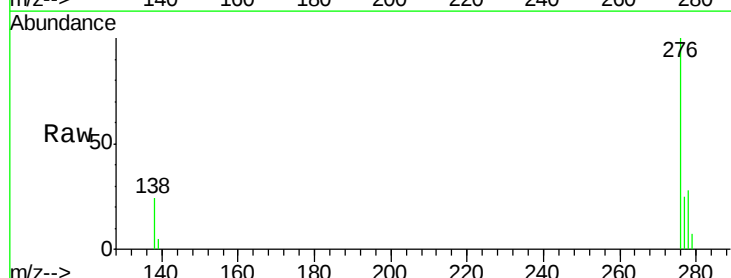
Tgt Ion:278 Resp: 135072

Ion Ratio Lower Upper

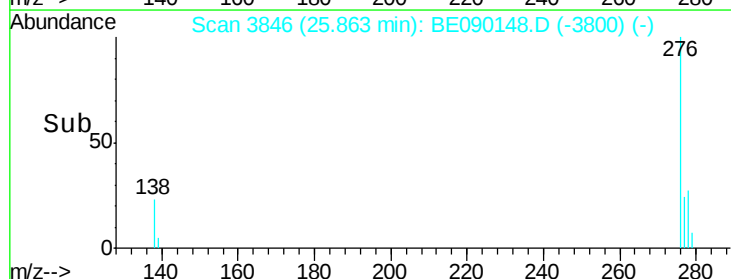
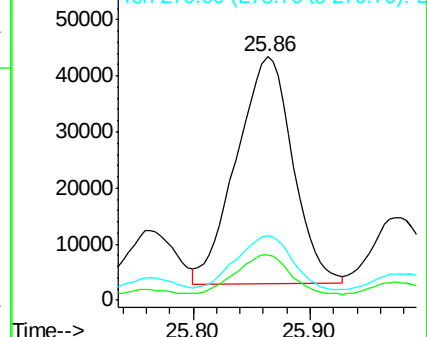
278 100

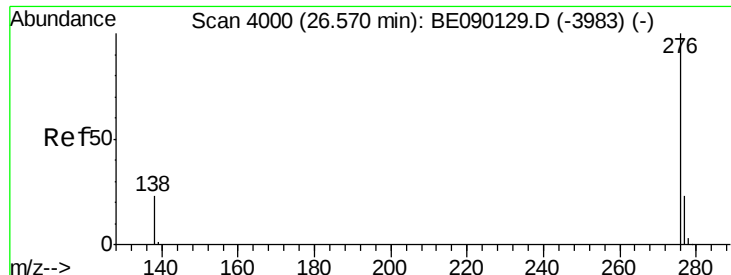
139 18.6 18.3 27.5

279 26.5 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: 30.61 ng

RT: 26.60 min Scan# 4007

Delta R.T. 0.03 min

Lab File: BE090148.D

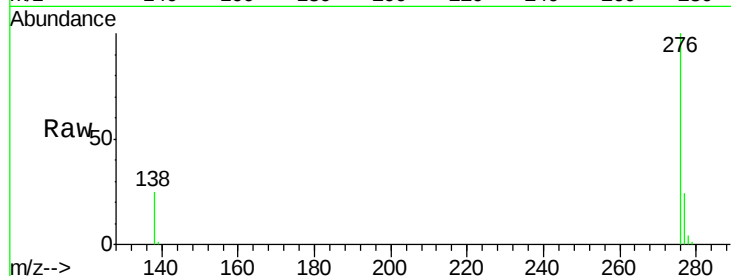
Acq: 17 Jul 2015 9:54

Instrument :

BNA_E

ClientSampleId :

STOCKPILE-7-15-15MS



Tgt Ion: 276 Resp: 516087

Ion Ratio Lower Upper

276 100

277 24.2 22.0 33.0

138 24.6 22.0 33.0

