

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042616\
 Data File : BE091715.D
 Acq On : 26 Apr 2016 21:51
 Operator : UM/SJ
 Sample : H2661-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001

Quant Time: Apr 27 00:50:42 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

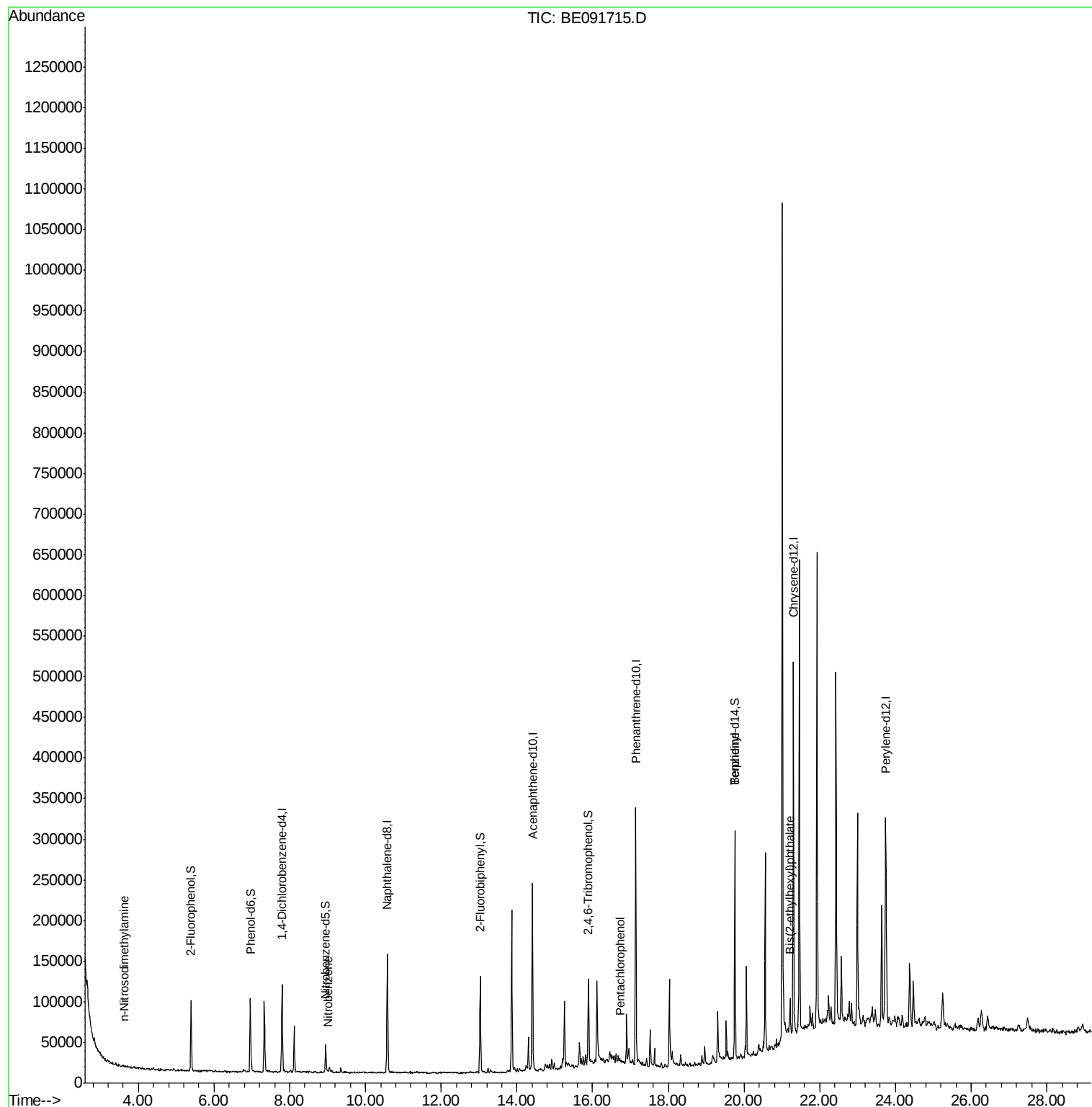
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	25487	5.00	ng	0.00
7) Naphthalene-d8	10.58	136	121799	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	70993	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	175263	5.00	ng	0.00
26) Chrysene-d12	21.31	240	207873	5.00	ng	0.00
35) Perylene-d12	23.74	264	194999	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	35283	5.64	ng	0.00
5) Phenol-d6	6.96	99	48922	5.89	ng	0.00
8) Nitrobenzene-d5	8.95	82	21637	2.75	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	13635	5.22	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	59707	2.97	ng	0.00
29) Terphenyl-d14	19.76	244	110244	3.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	294	Below Cal	#	24
3) n-Nitrosodimethylamine	3.62	42	142	0.03 ng	#	71
9) Nitrobenzene	9.00	77	172	0.02 ng	#	65
22) Pentachlorophenol	16.74	266	39	0.11 ng		91
27) Benzidine	19.76	184	2051	0.28 ng		96
33) Bis(2-ethylhexyl)phthalate	21.22	149	13507	0.88 ng	#	92

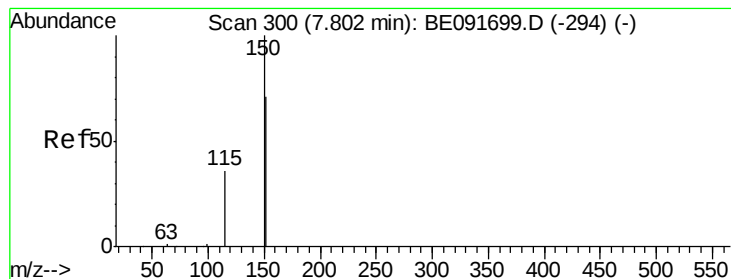
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 887

Delta R.T. -0.00 min

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ClientSampleId :

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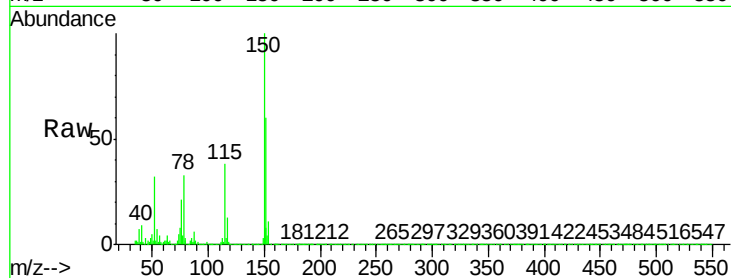
Tgt Ion:152 Resp: 25487

Ion Ratio Lower Upper

152 100

150 166.0 122.6 183.8

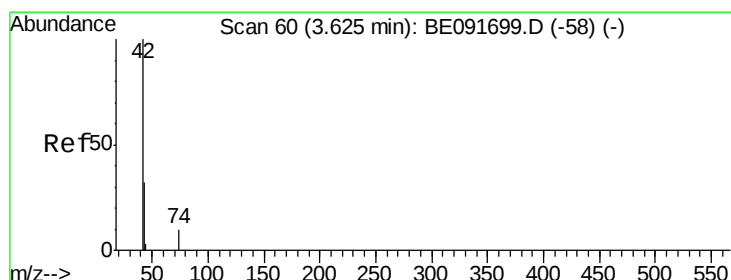
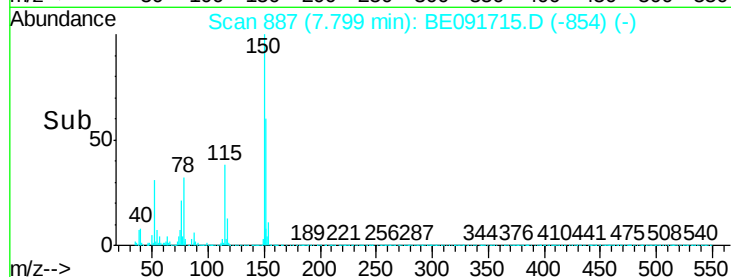
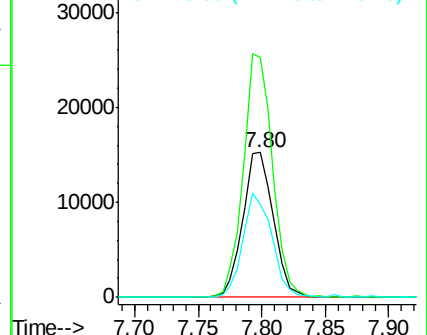
115 63.8 52.8 79.2



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



#3

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.62 min Scan# 176

Delta R.T. -0.00 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

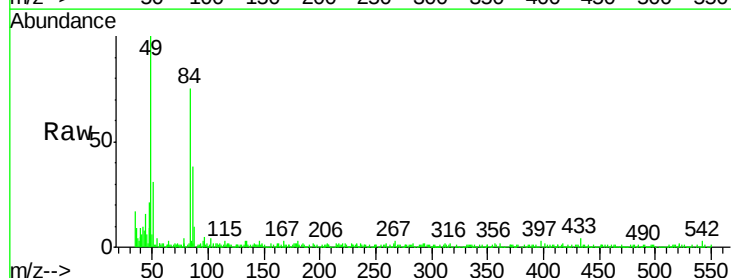
Tgt Ion: 42 Resp: 142

Ion Ratio Lower Upper

42 100

74 78.9 87.9 131.9#

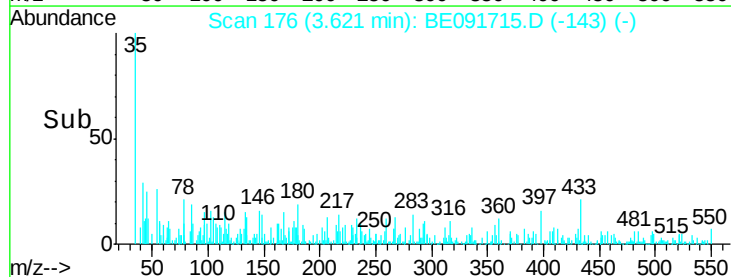
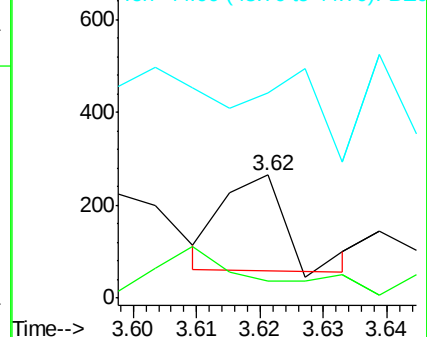
44 0.0 6.6 9.8#

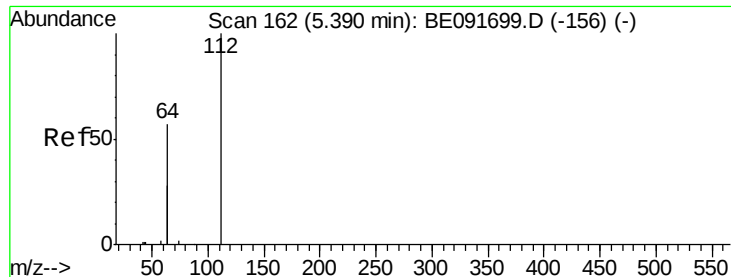


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 5.64 ng

RT: 5.39 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

Instrument :

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ClientSampleId :

CEDAR-HILL-TF-PS-001

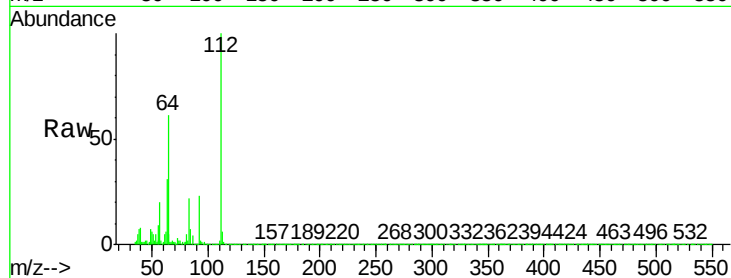
Tgt Ion: 112 Resp: 35283

Ion Ratio Lower Upper

112 100

64 63.0 30.9 46.3#

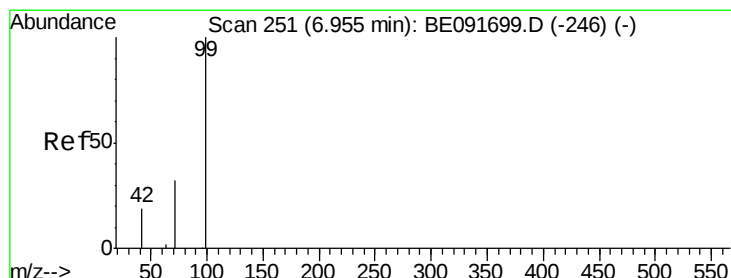
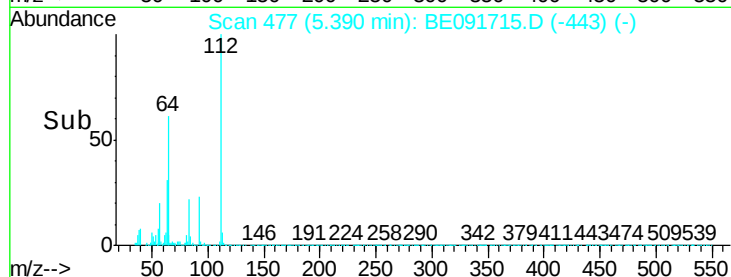
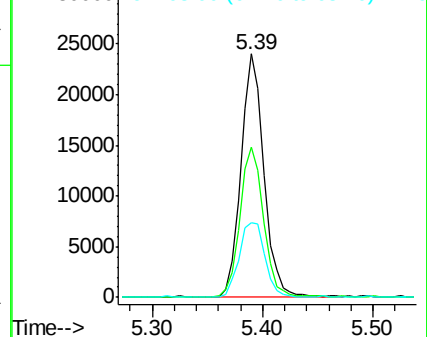
63 34.8 16.7 25.1#



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: 5.89 ng

RT: 6.96 min Scan# 744

Delta R.T. 0.00 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

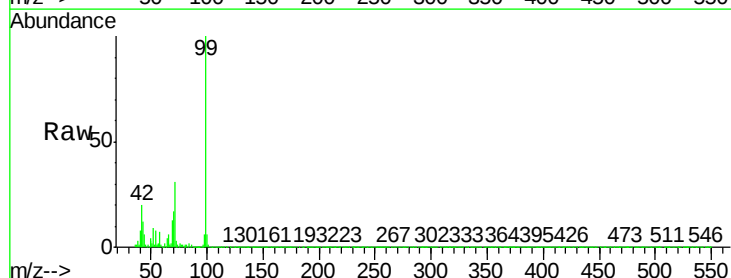
Tgt Ion: 99 Resp: 48922

Ion Ratio Lower Upper

99 100

42 24.3 16.2 24.2#

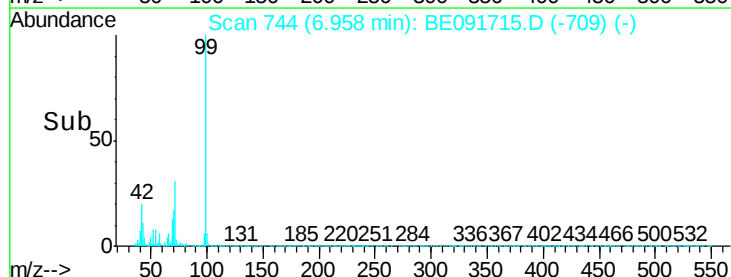
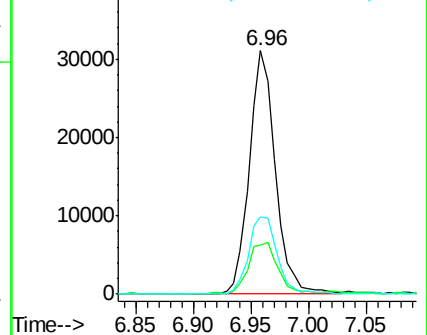
71 34.7 29.0 43.4

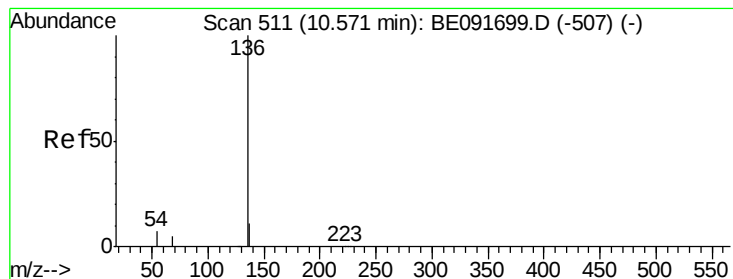


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.58 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

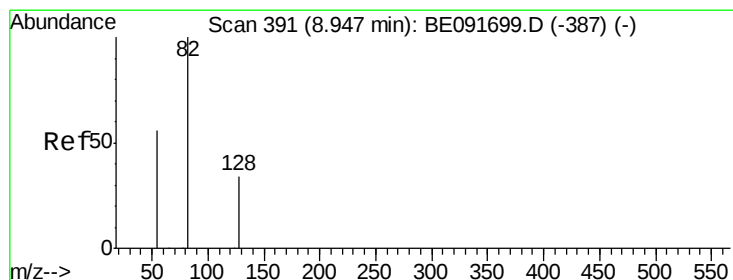
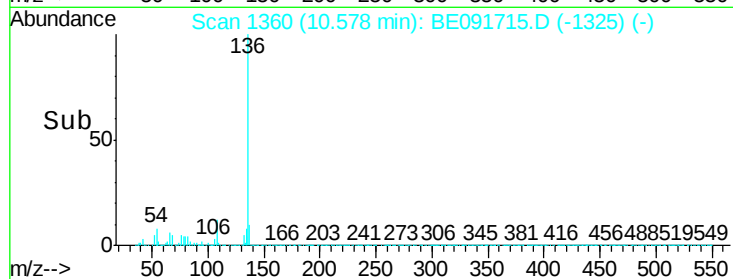
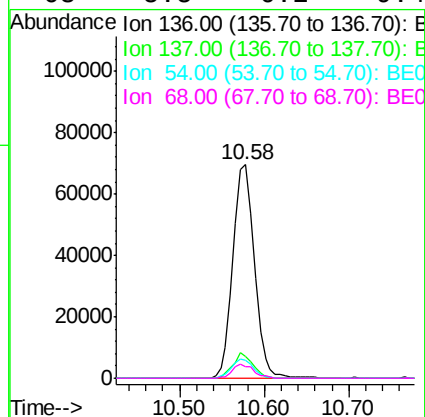
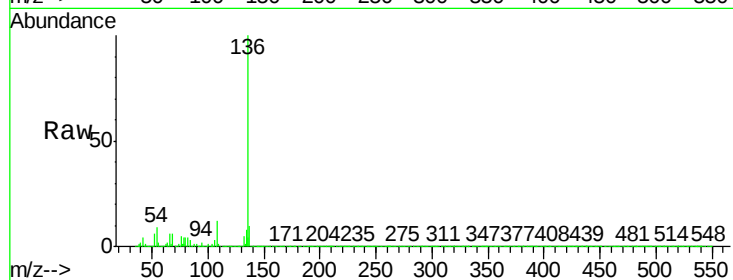
Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001

Tgt Ion:	136	Resp:	121799
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.6	8.2	12.4
68	5.5	6.2	9.4#



#8

Nitrobenzene-d5

Concen: 2.75 ng

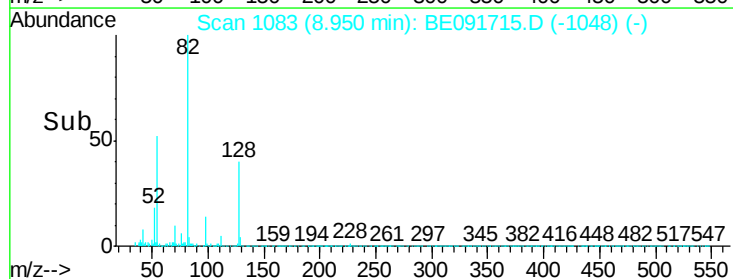
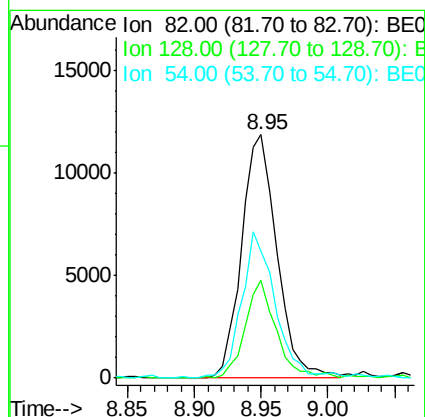
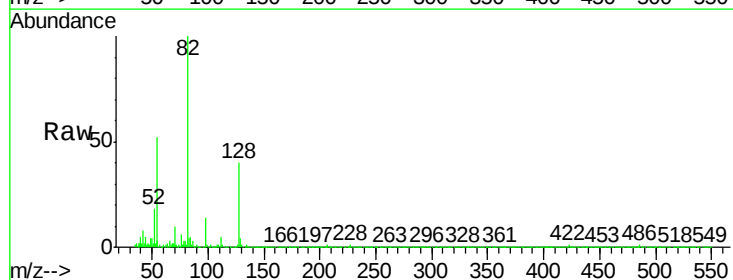
RT: 8.95 min Scan# 1083

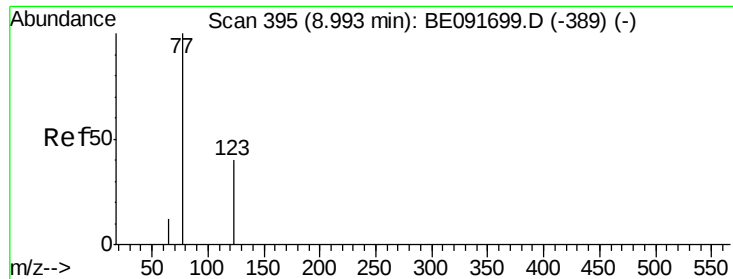
Delta R.T. 0.00 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

Tgt Ion:	82	Resp:	21637
Ion	Ratio	Lower	Upper
82	100		
128	40.2	25.4	38.0#
54	52.3	48.4	72.6





#9

Nitrobenzene

Concen: 0.02 ng

RT: 9.00 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001

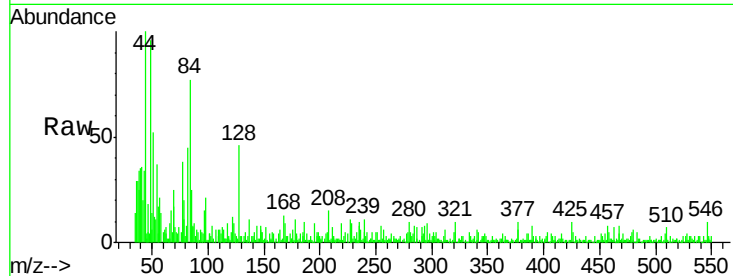
Tgt Ion: 77 Resp: 172

Ion Ratio Lower Upper

77 100

123 54.1 26.9 40.3#

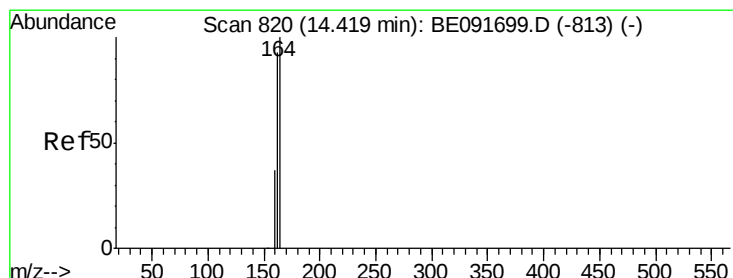
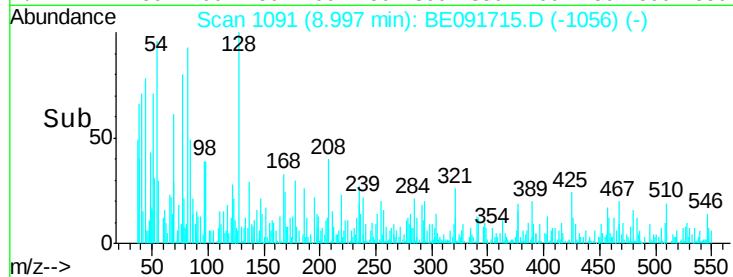
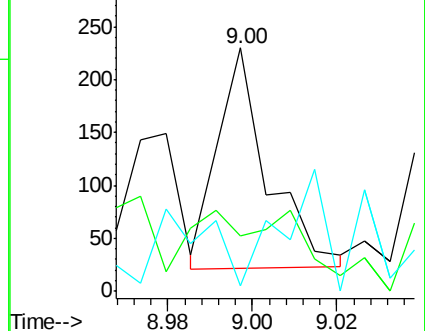
65 0.0 9.4 14.2#



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



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

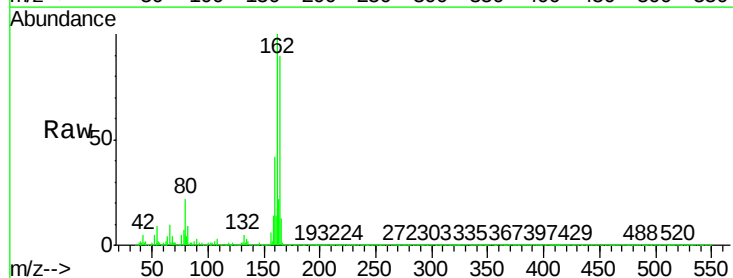
Tgt Ion: 164 Resp: 70993

Ion Ratio Lower Upper

164 100

162 110.6 85.3 127.9

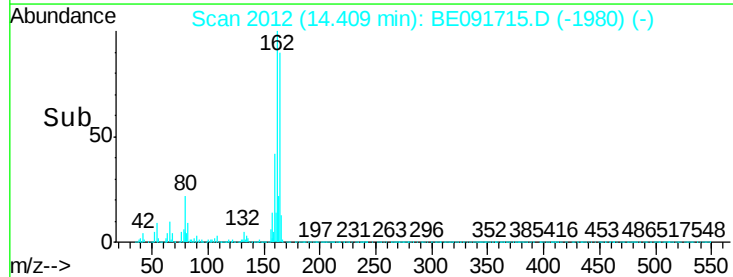
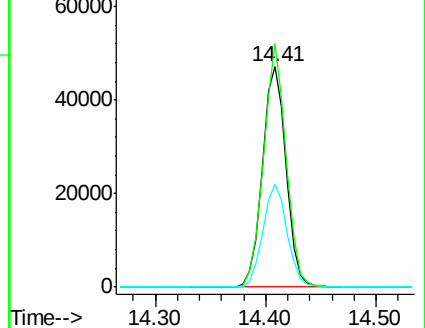
160 46.9 46.2 69.2

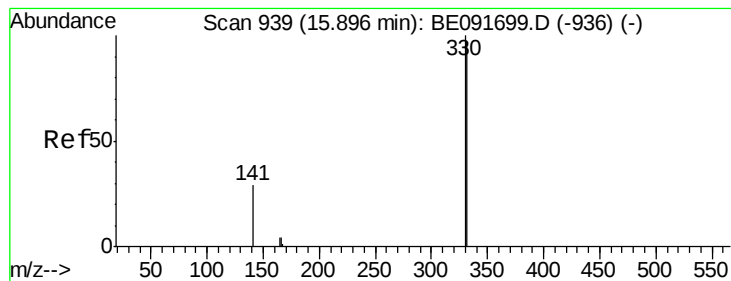


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

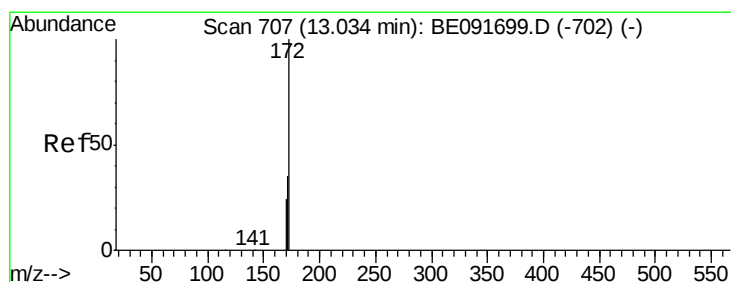
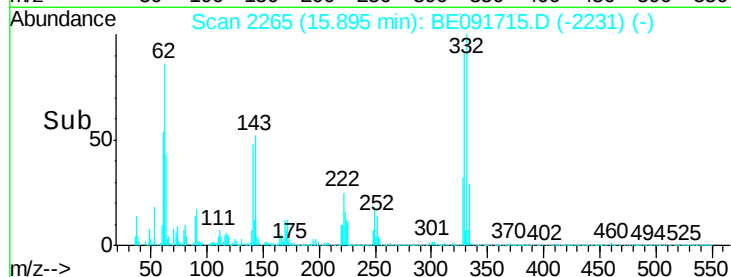
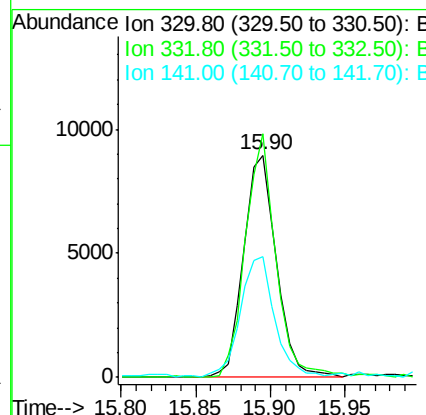
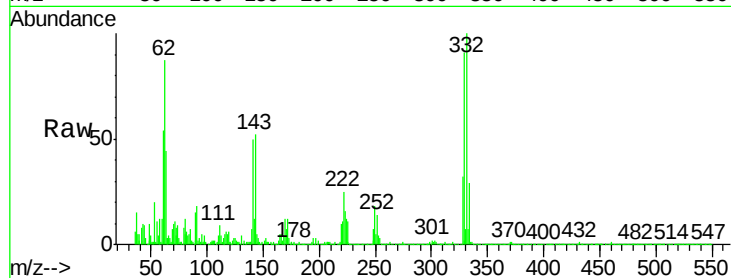




#14
 2,4,6-Tribromophenol
 Concen: 5.22 ng
 RT: 15.90 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BE091715.D
 Acq: 26 Apr 2016 21:51

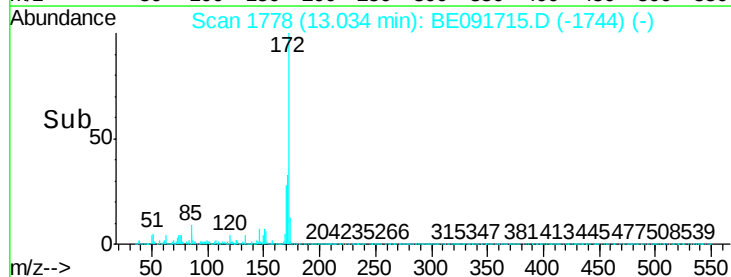
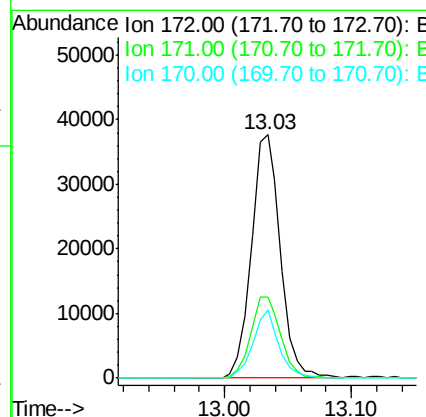
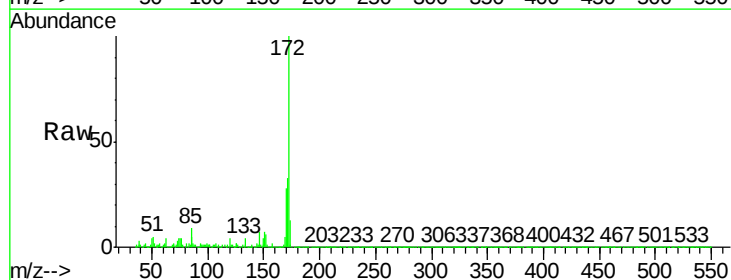
Instrument :
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 CEDAR-HILL-TF-PS-001

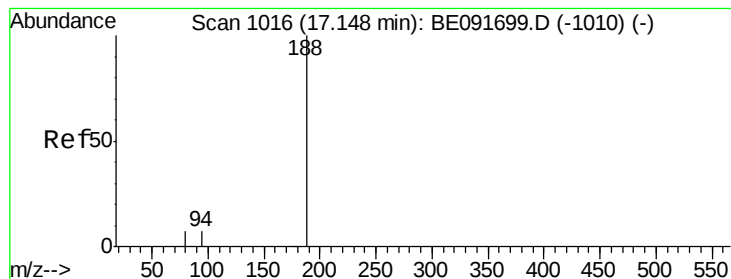
Tgt Ion:330 Resp: 13635
 Ion Ratio Lower Upper
 330 100
 332 102.9 79.1 118.7
 141 54.8 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 2.97 ng
 RT: 13.03 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BE091715.D
 Acq: 26 Apr 2016 21:51

Tgt Ion:172 Resp: 59707
 Ion Ratio Lower Upper
 172 100
 171 33.4 28.8 43.2
 170 27.8 19.3 28.9





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001

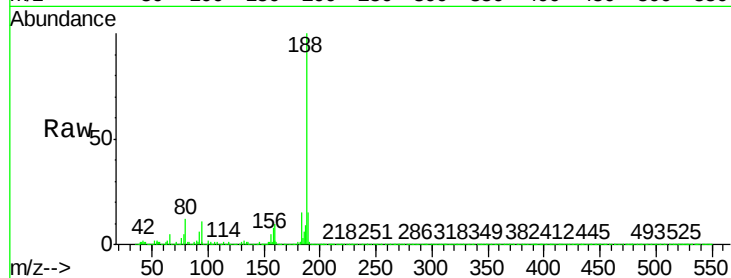
Tgt Ion:188 Resp: 175263

Ion Ratio Lower Upper

188 100

94 11.0 8.7 13.1

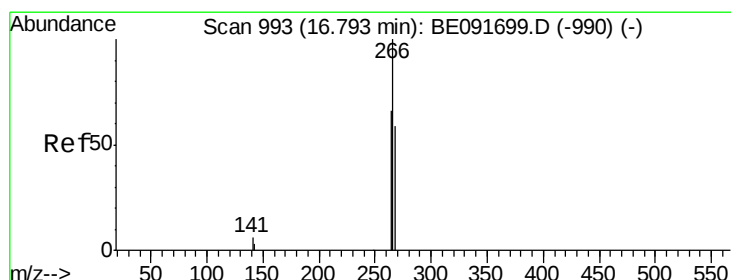
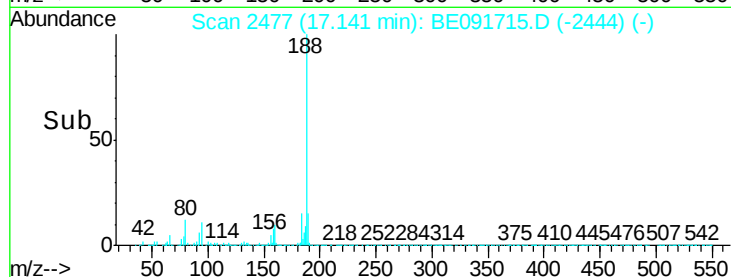
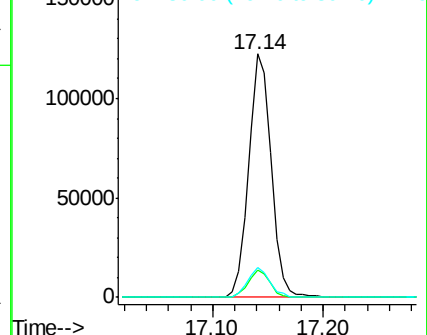
80 12.2 9.4 14.0



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



#22

Pentachlorophenol

Concen: 0.11 ng

RT: 16.74 min Scan# 2408

Delta R.T. -0.06 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

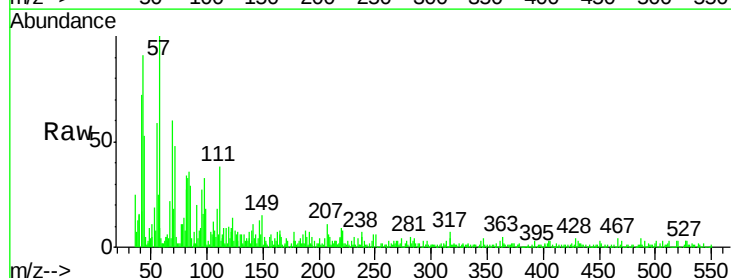
Tgt Ion:266 Resp: 39

Ion Ratio Lower Upper

266 100

268 69.2 58.2 87.2

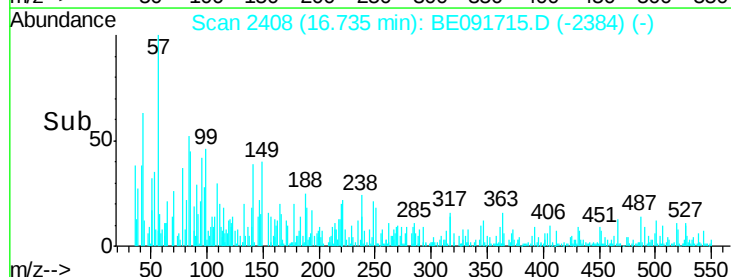
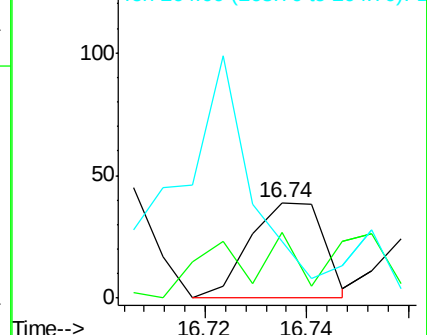
264 59.0 56.2 84.4

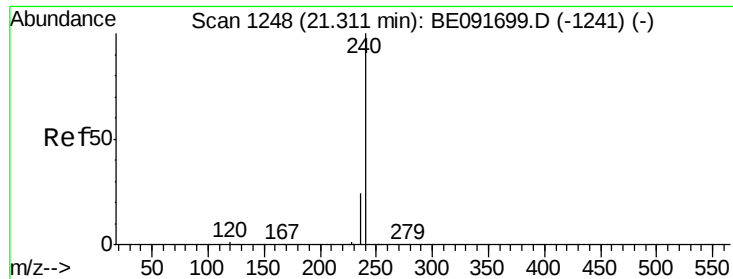


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE091715.D

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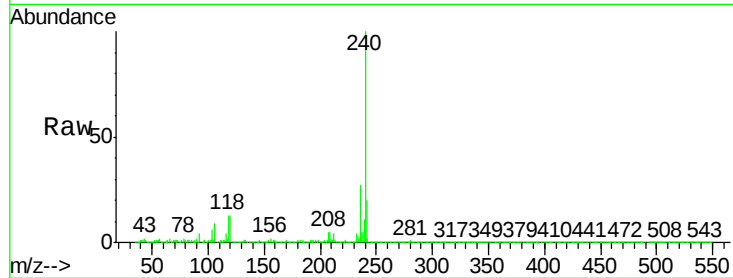
Tgt Ion:240 Resp: 207873

Ion Ratio Lower Upper

240 100

120 13.2 11.0 16.4

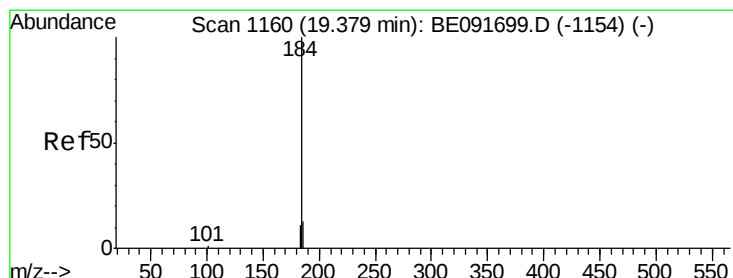
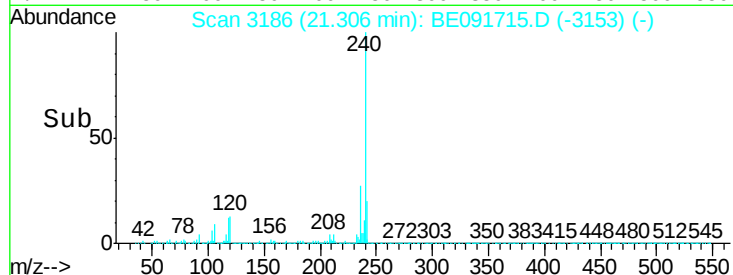
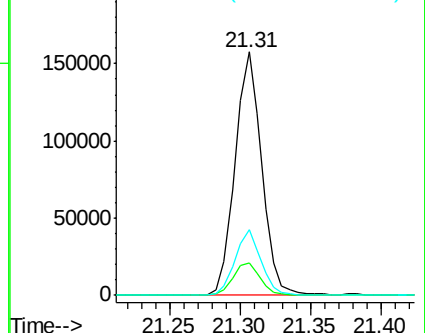
236 26.7 21.7 32.5



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



#27

Benzidine

Concen: 0.28 ng

RT: 19.76 min Scan# 2922

Delta R.T. 0.38 min

Lab File: BE091715.D

Acq: 26 Apr 2016 21:51

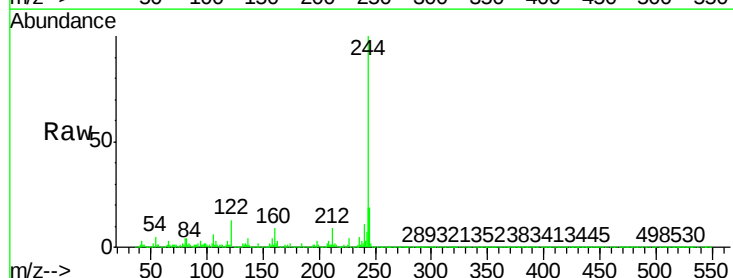
Tgt Ion:184 Resp: 2051

Ion Ratio Lower Upper

184 100

185 25.1 22.3 33.5

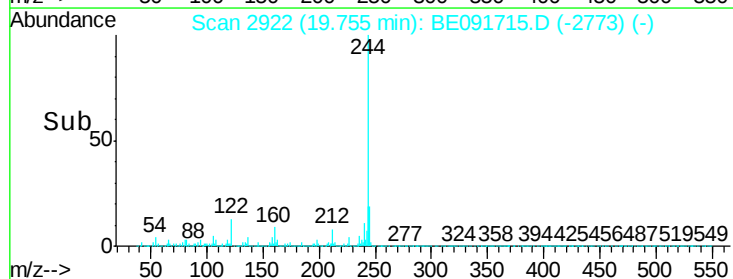
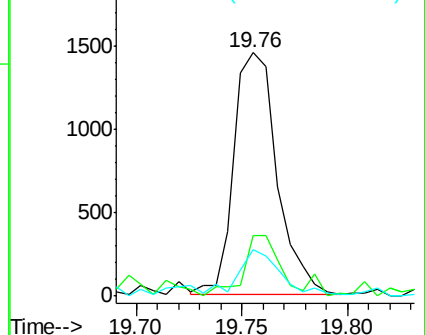
183 19.1 16.4 24.6

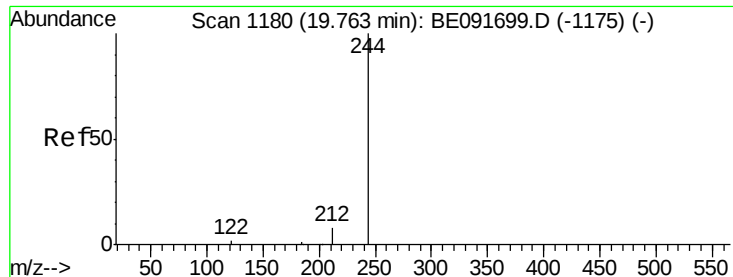


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

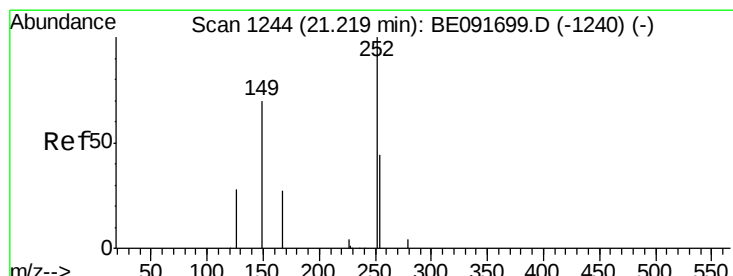
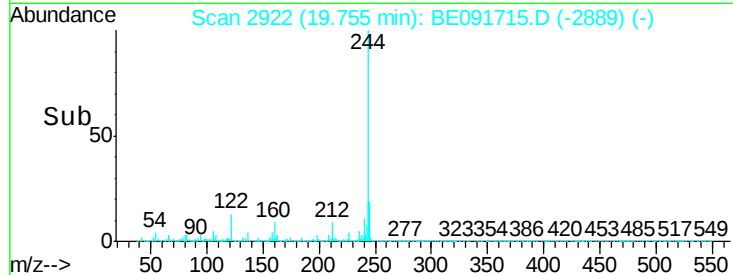
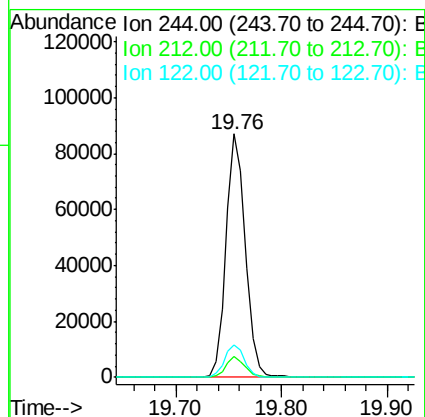
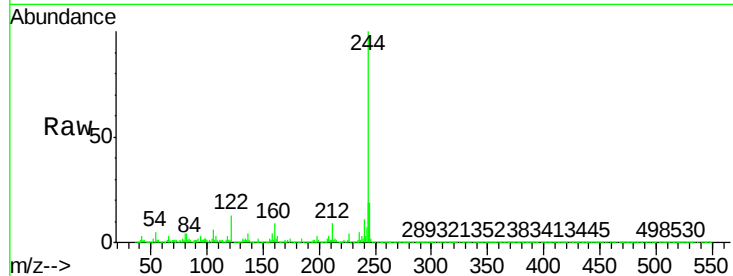




#29
 Terphenyl-d14
 Concen: 3.40 ng
 RT: 19.76 min Scan# 2922
 Delta R.T. -0.01 min
 Lab File: BE091715.D
 Acq: 26 Apr 2016 21:51

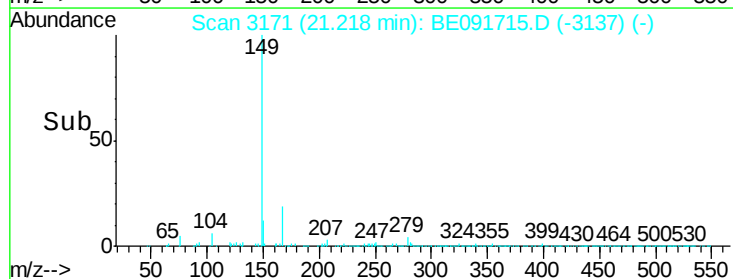
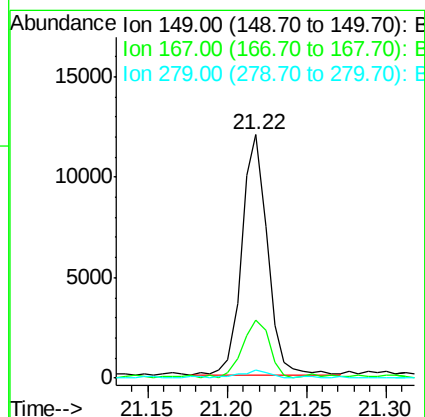
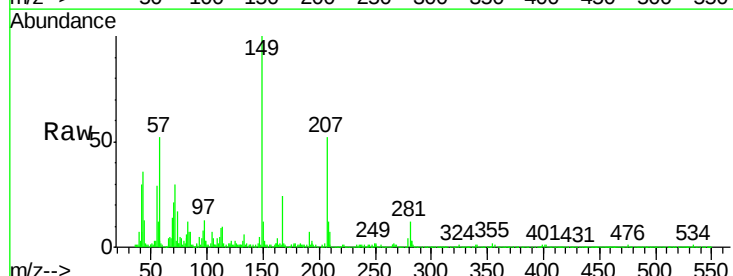
Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001

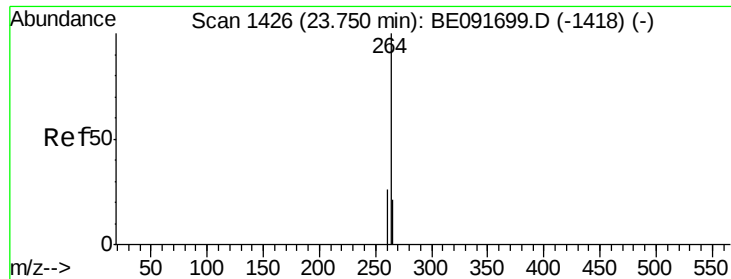
Tgt Ion: 244 Resp: 110244
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 13.4 11.0 16.4



#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.88 ng
 RT: 21.22 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BE091715.D
 Acq: 26 Apr 2016 21:51

Tgt Ion: 149 Resp: 13507
 Ion Ratio Lower Upper
 149 100
 167 24.9 19.5 29.3
 279 4.4 10.0 15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 3601
Delta R.T. -0.01 min
Lab File: BE091715.D
Acq: 26 Apr 2016 21:51

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.0	30.0
265	21.9	17.5	26.3

