

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082015\
 Data File : BE090575.D
 Acq On : 20 Aug 2015 14:58
 Operator : UM/IZ
 Sample : G3364-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 081915-D534-E-D-B

Quant Time: Aug 21 01:31:07 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

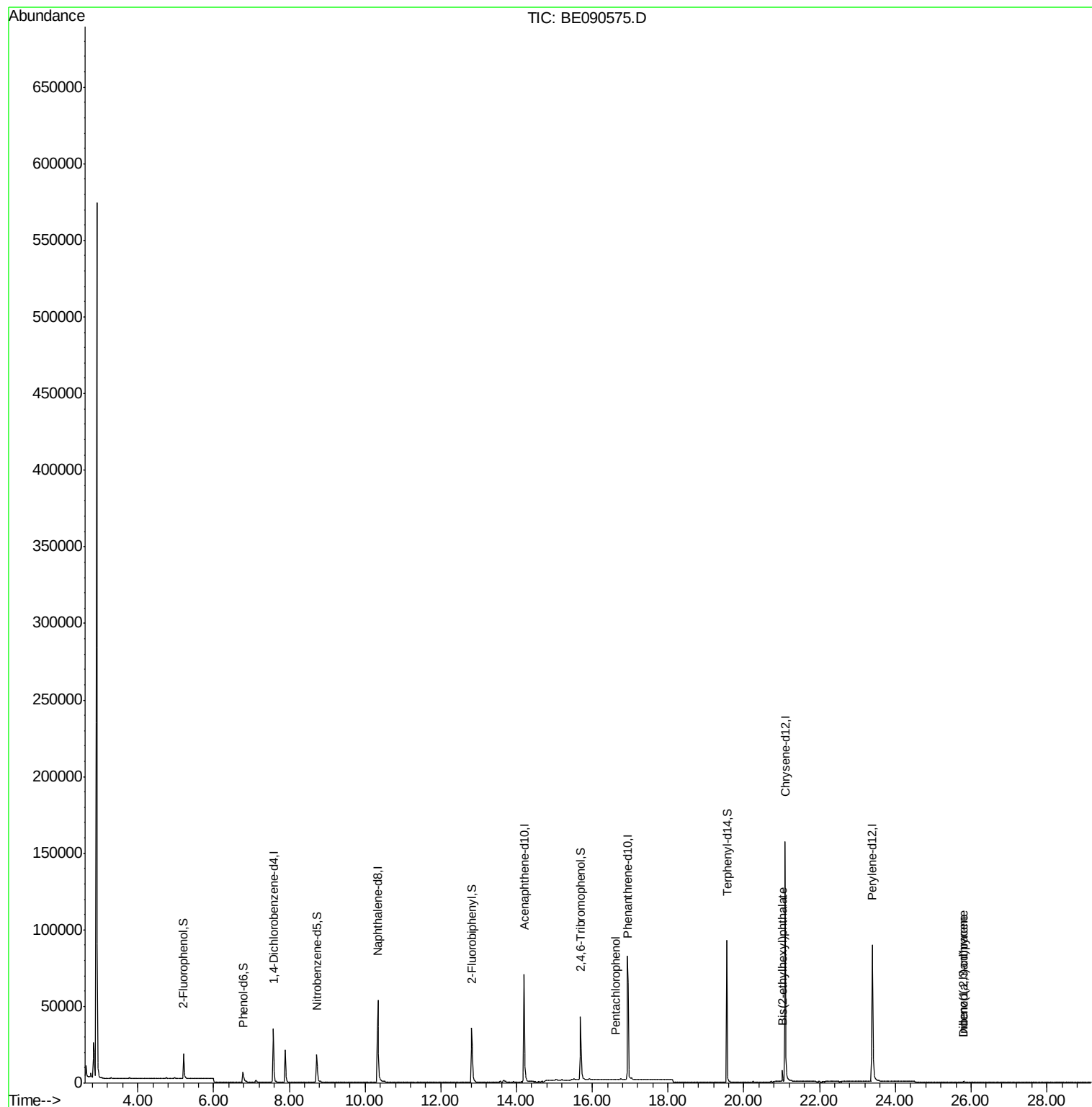
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18227	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	85606	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	51786	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	130106	5.00	ng	0.00
25) Chrysene-d12	21.09	240	154543	5.00	ng	0.00
32) Perylene-d12	23.39	264	139539	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	13718	2.60	ng	0.00
5) Phenol-d6	6.78	99	11794	1.52	ng	0.00
7) Nitrobenzene-d5	8.72	82	22244	3.26	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20379	10.23	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	48273	3.12	ng	0.00
27) Terphenyl-d14	19.55	244	99649	3.53	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.35	88	14	Below Cal	#	43
21) Pentachlorophenol	16.61	266	64	0.32 ng	#	78
30) Bis(2-ethylhexyl)phthalate	21.02	149	6481	0.40 ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	789	0.02 ng	#	77
36) Dibenzo(a,h)anthracene	25.81	278	643	0.02 ng	#	26

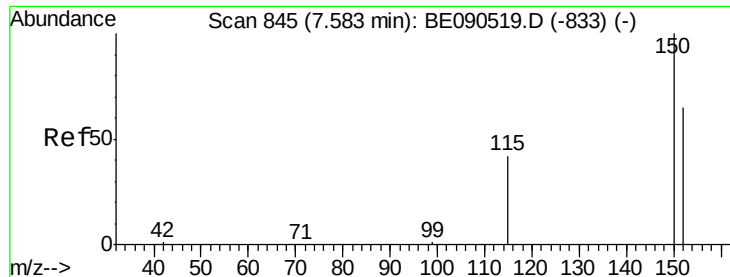
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
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QLast Update : Fri Aug 14 16:52:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-D-B

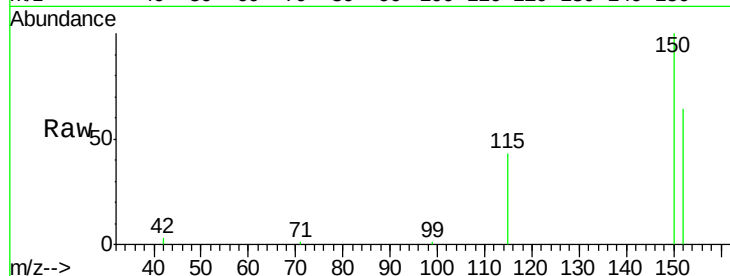
Tgt Ion: 152 Resp: 18227

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

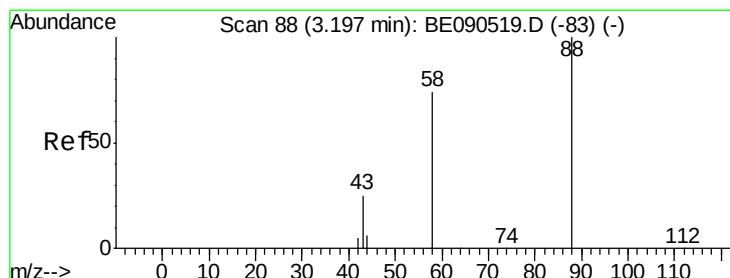
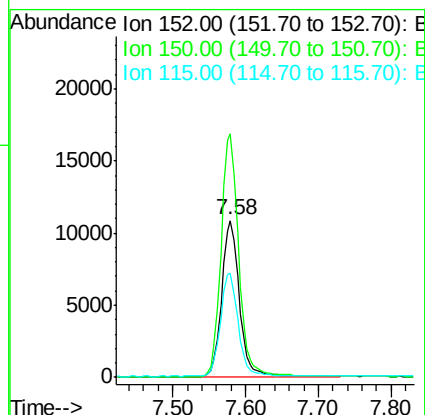
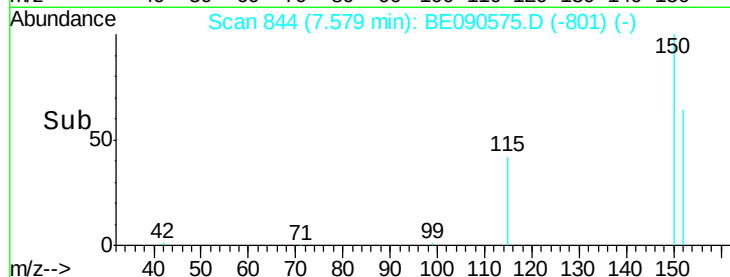
115 66.5 48.9 73.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.35 min Scan# 111

Delta R.T. 0.16 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

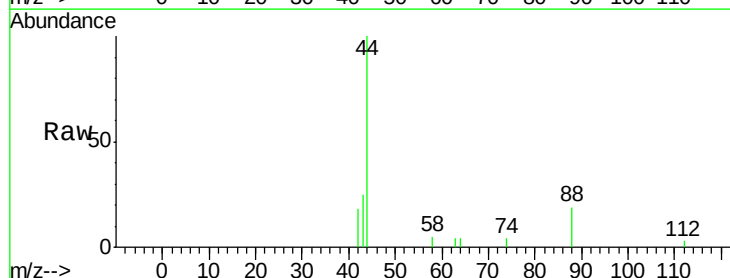
Tgt Ion: 88 Resp: 14

Ion Ratio Lower Upper

88 100

58 35.7 70.0 105.0#

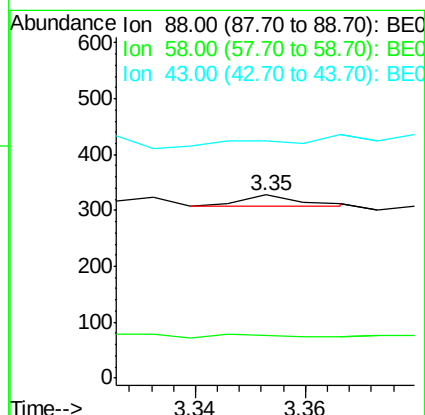
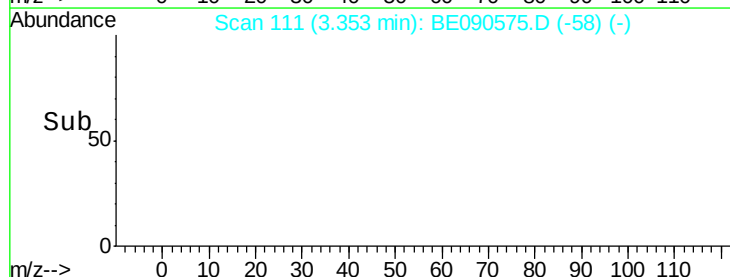
43 0.0 28.4 42.6#

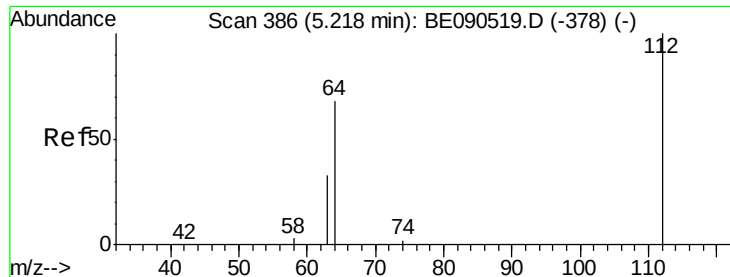


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.60 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-D-B

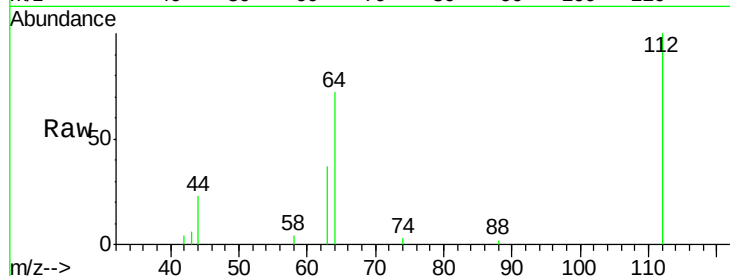
Tgt Ion: 112 Resp: 13718

Ion Ratio Lower Upper

112 100

64 69.2 37.1 55.7#

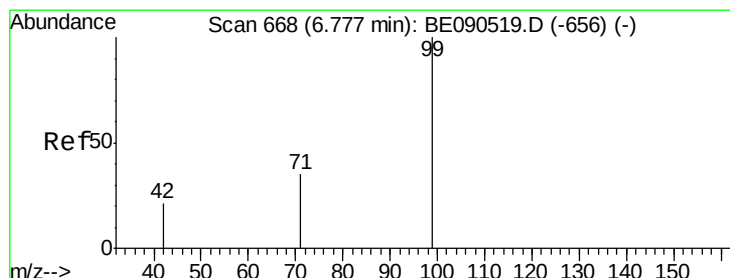
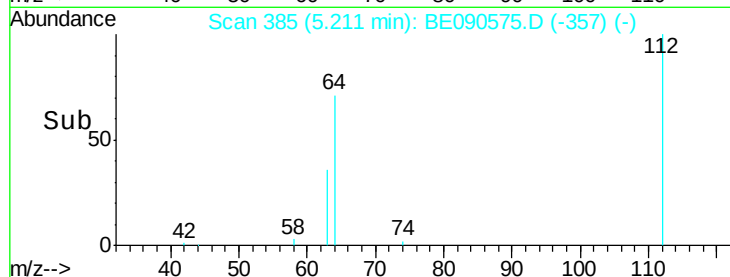
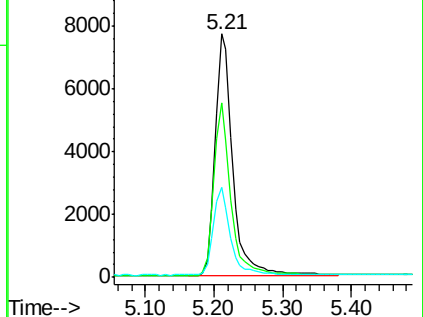
63 35.7 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 1.52 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

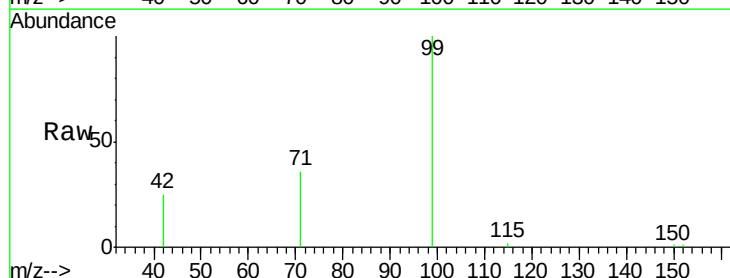
Tgt Ion: 99 Resp: 11794

Ion Ratio Lower Upper

99 100

42 20.6 18.2 27.4

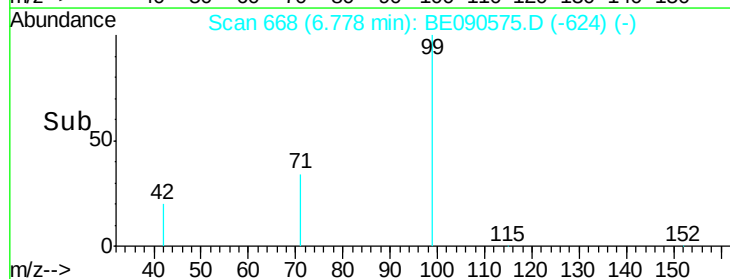
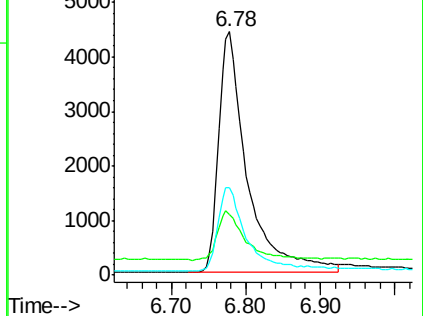
71 35.0 27.4 41.0

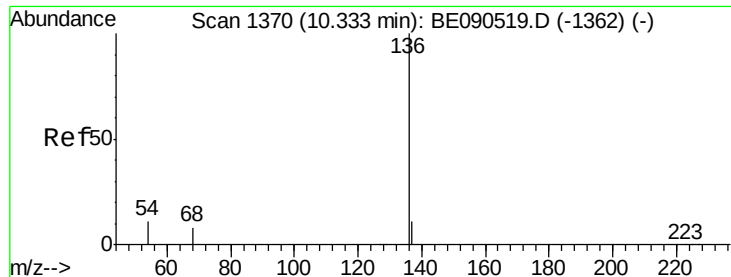


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)

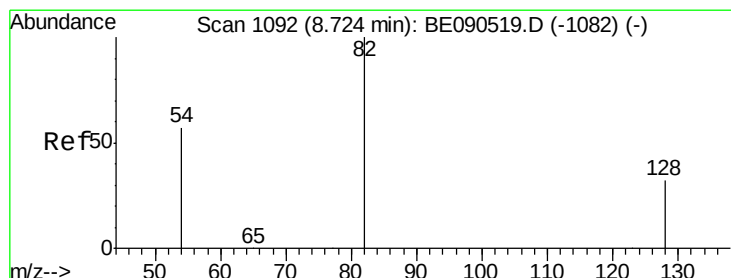
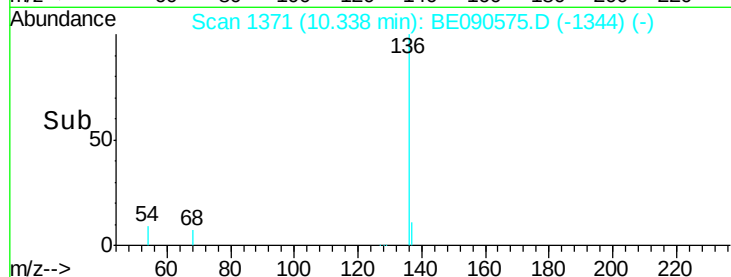
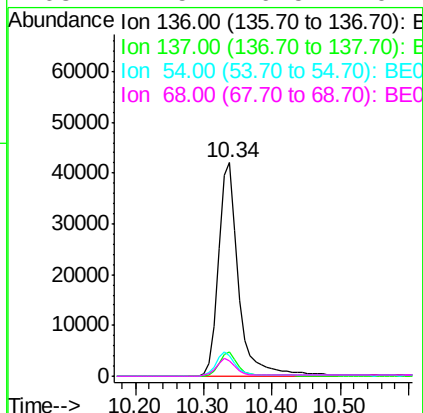
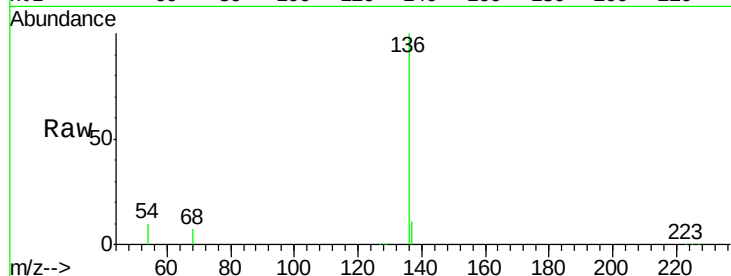




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090575.D
Acq: 20 Aug 2015 14:58

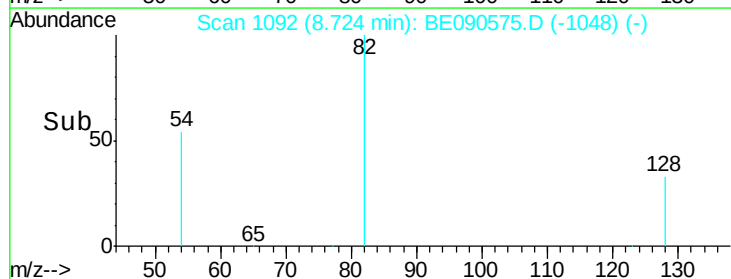
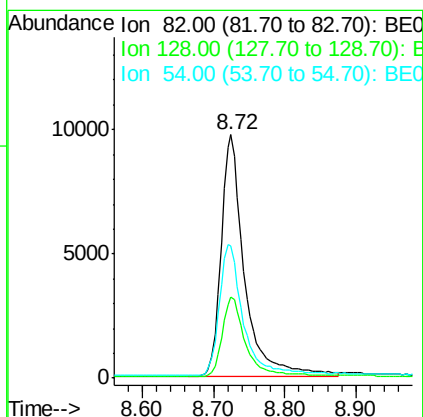
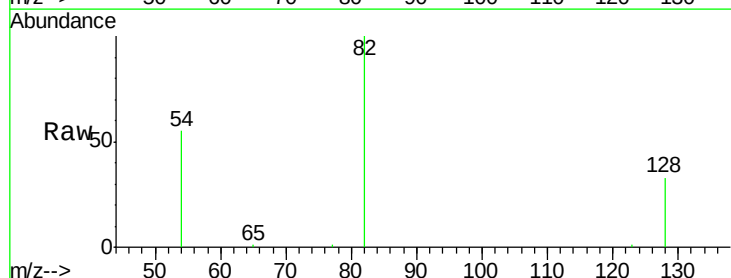
Instrument :
BNA_E
ClientSampleId :
081915-D534-E-D-B

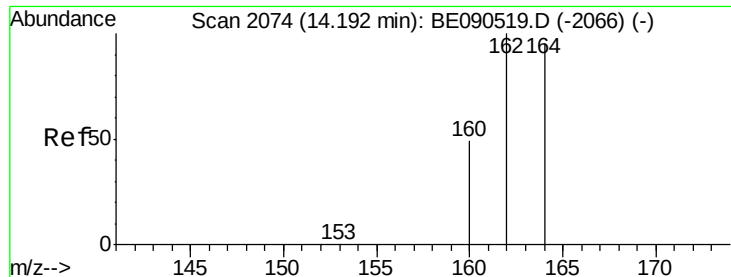
Tgt Ion:	136	Resp:	85606
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.7	9.4	14.0
68	7.5	6.5	9.7



#7
Nitrobenzene-d5
Concen: 3.26 ng
RT: 8.72 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090575.D
Acq: 20 Aug 2015 14:58

Tgt Ion:	82	Resp:	22244
Ion	Ratio	Lower	Upper
82	100		
128	33.2	25.0	37.6
54	54.6	48.8	73.2





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-D-B

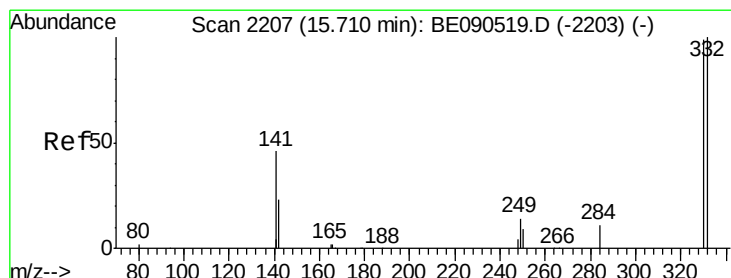
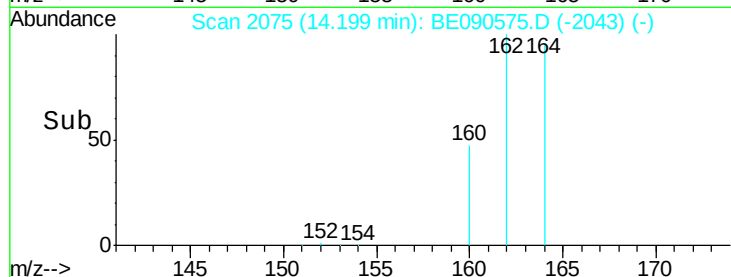
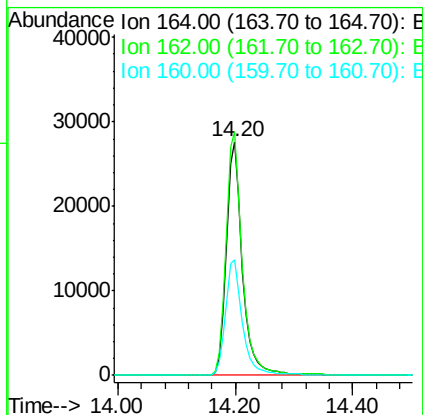
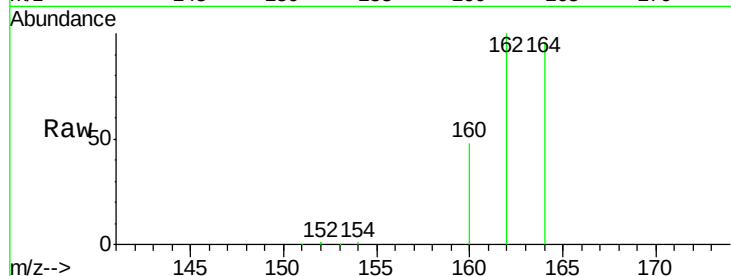
Tgt Ion:164 Resp: 51786

Ion Ratio Lower Upper

164 100

162 104.1 81.8 122.8

160 49.5 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 10.23 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

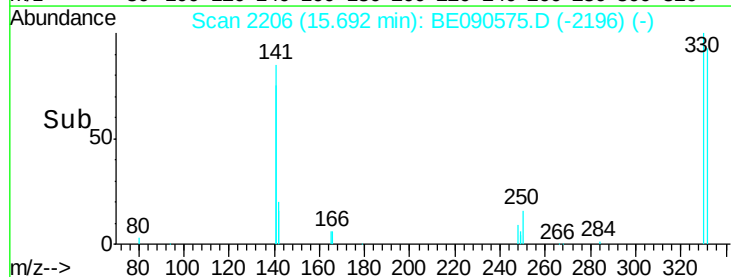
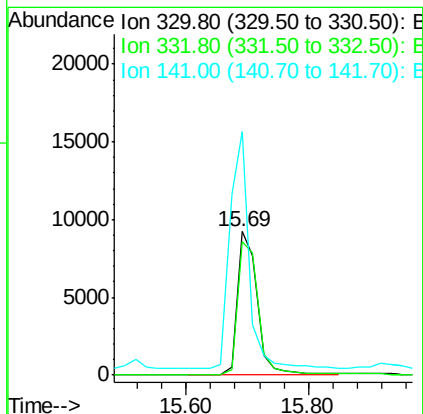
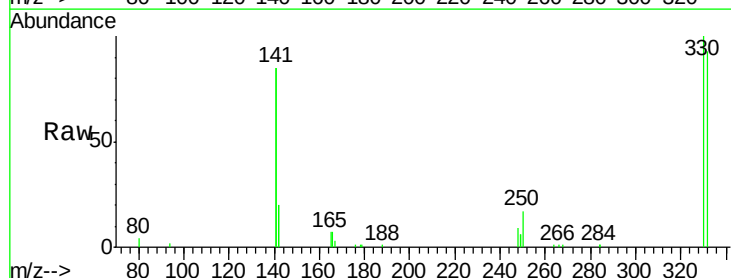
Tgt Ion:330 Resp: 20379

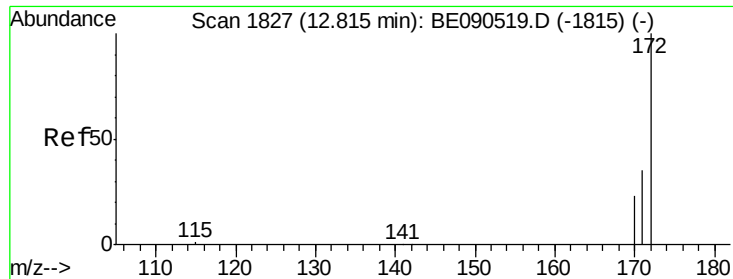
Ion Ratio Lower Upper

330 100

332 97.0 75.8 113.6

141 161.8 114.4 171.6

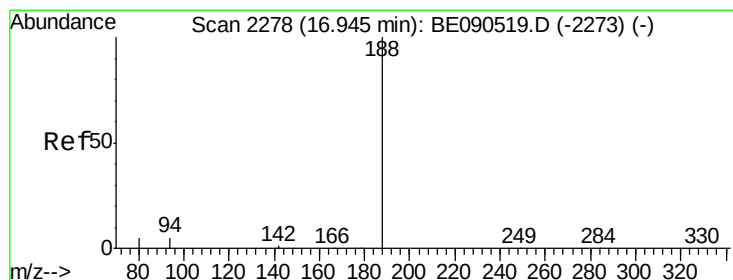
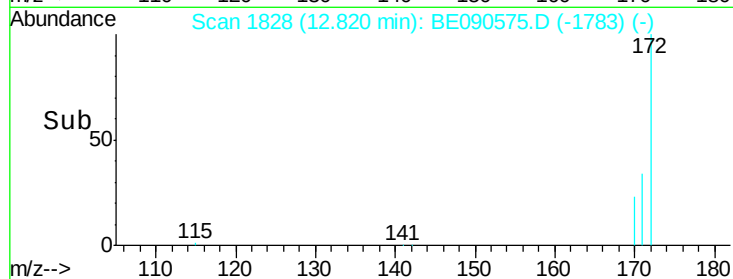
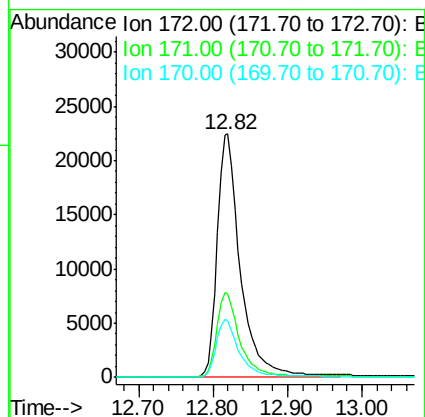
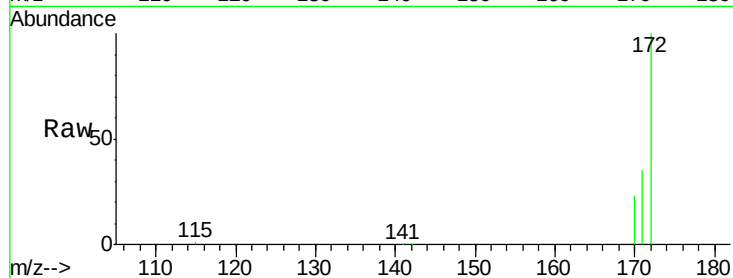




#14
2-Fluorobiphenyl
Concen: 3.12 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090575.D
Acq: 20 Aug 2015 14:58

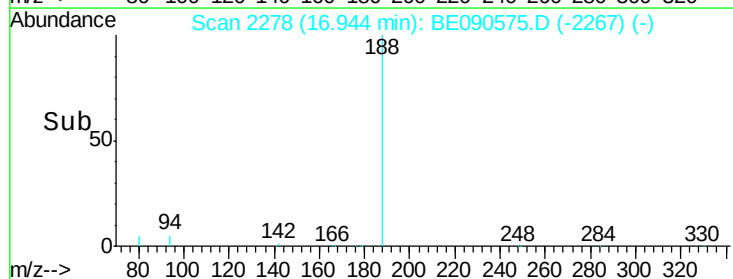
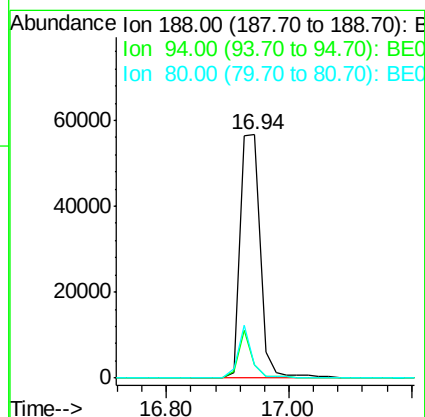
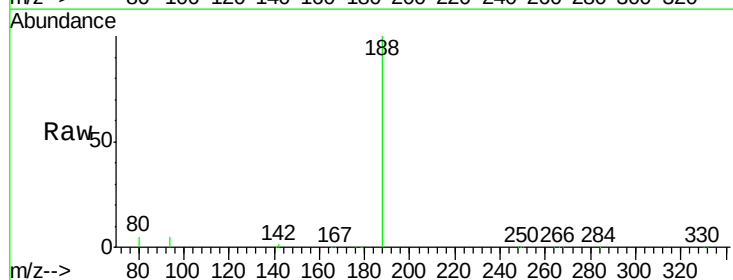
Instrument :
BNA_E
ClientSampleId :
081915-D534-E-D-B

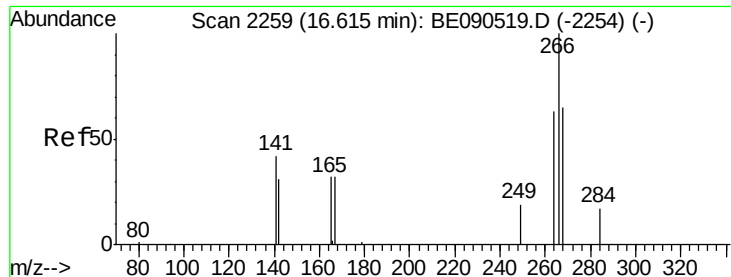
Tgt Ion:172 Resp: 48273
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.4 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090575.D
Acq: 20 Aug 2015 14:58

Tgt Ion:188 Resp: 130106
Ion Ratio Lower Upper
188 100
94 5.3 5.7 8.5#
80 5.5 5.8 8.8#





#21

Pentachlorophenol

Concen: 0.32 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-D-B

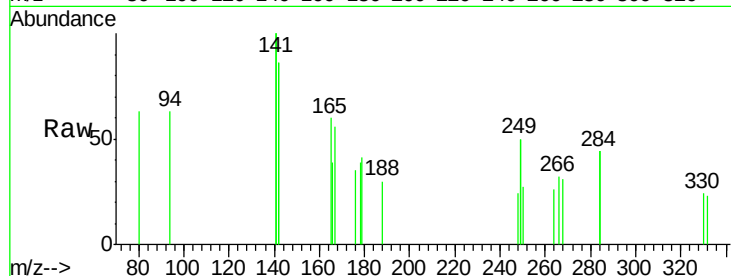
Tgt Ion:266 Resp: 64

Ion Ratio Lower Upper

266 100

268 97.0 58.5 87.7#

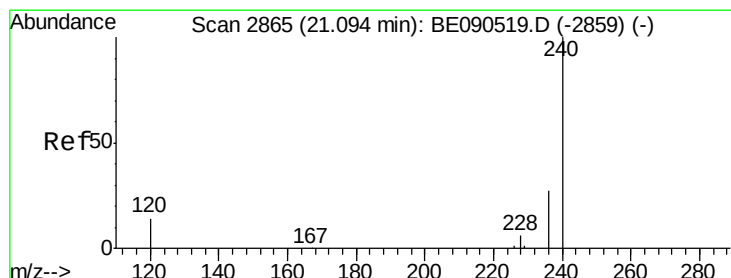
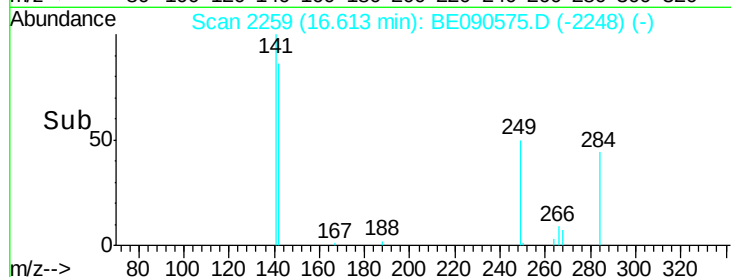
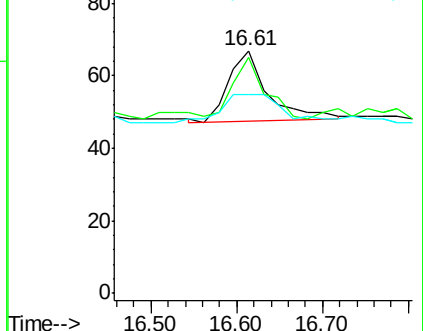
264 82.1 56.0 84.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

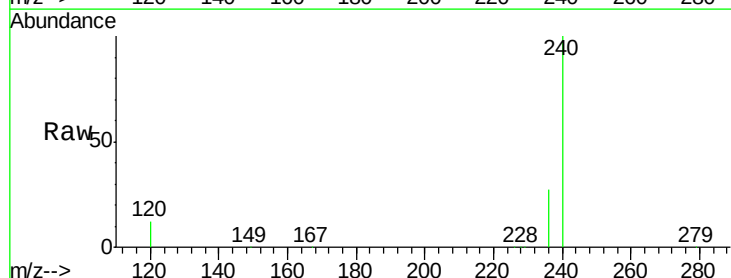
Tgt Ion:240 Resp: 154543

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

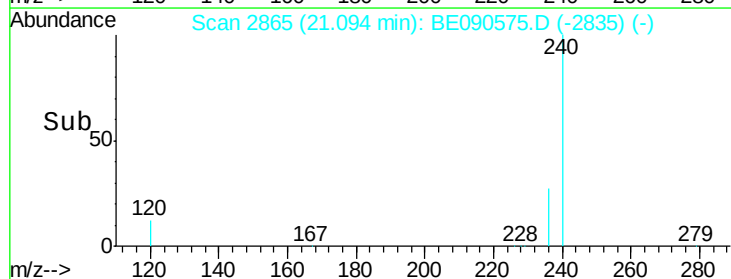
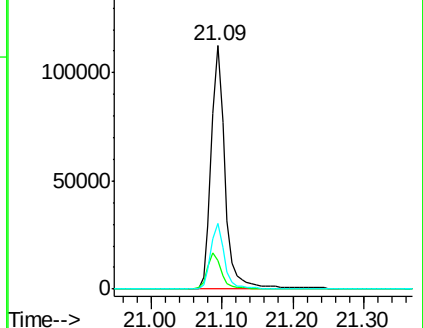
236 27.2 21.0 31.4

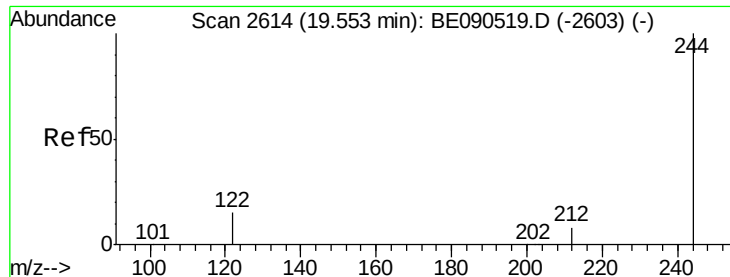


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

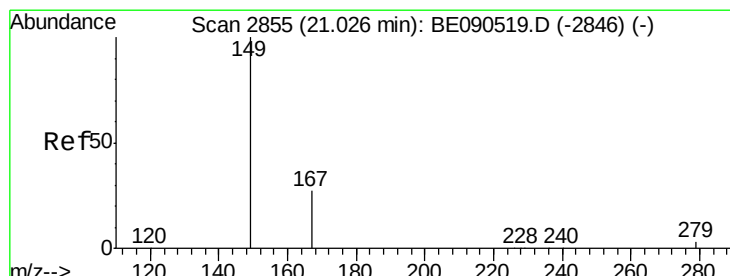
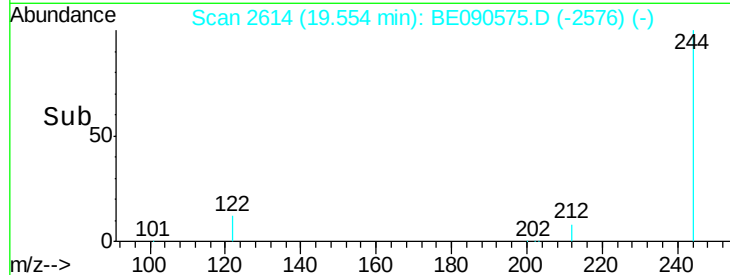
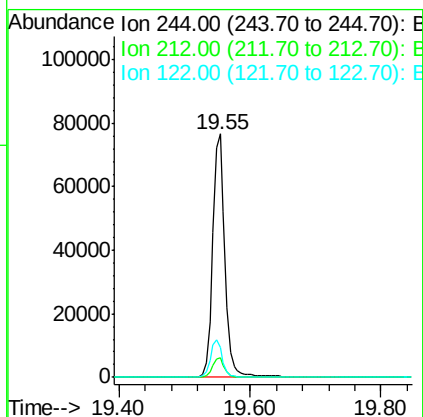
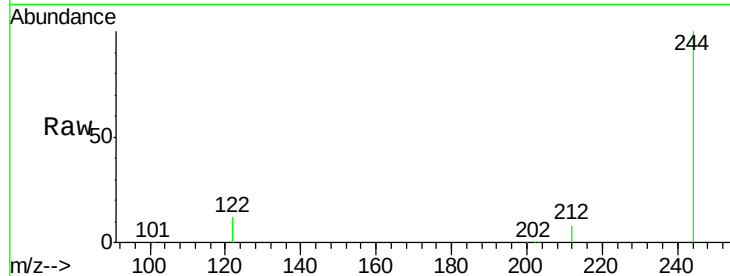




#27
 Terphenyl-d14
 Concen: 3.53 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BE090575.D
 Acq: 20 Aug 2015 14:58

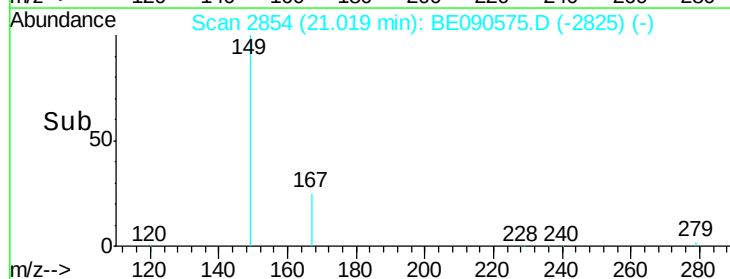
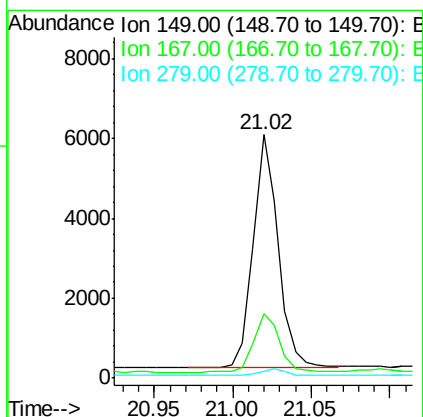
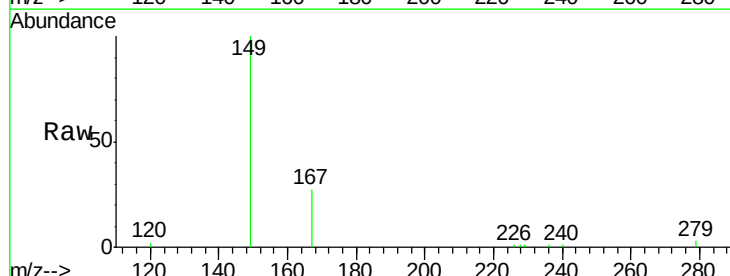
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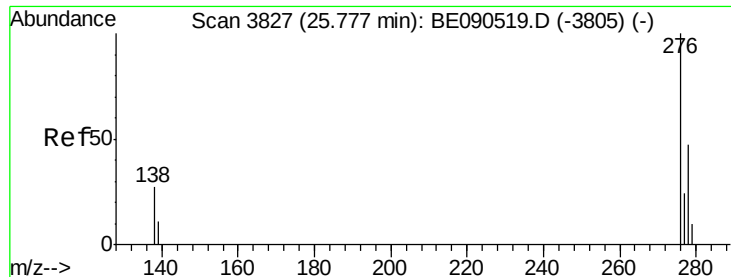
Tgt Ion: 244 Resp: 99649
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.6 9.8
 122 12.5 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.40 ng
 RT: 21.02 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BE090575.D
 Acq: 20 Aug 2015 14:58

Tgt Ion: 149 Resp: 6481
 Ion Ratio Lower Upper
 149 100
 167 26.0 19.8 29.8
 279 3.3 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng

RT: 25.78 min Scan# 3828

Delta R.T. 0.01 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-D-B

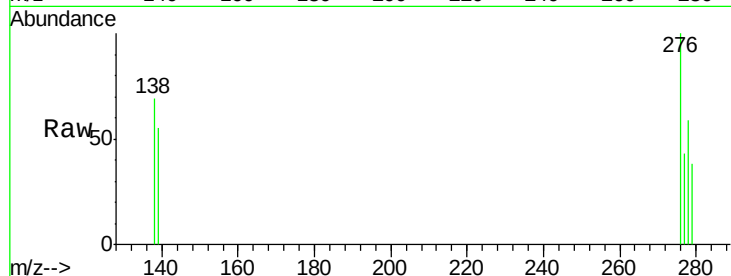
Tgt Ion: 276 Resp: 789

Ion Ratio Lower Upper

276 100

138 12.3 18.8 28.2#

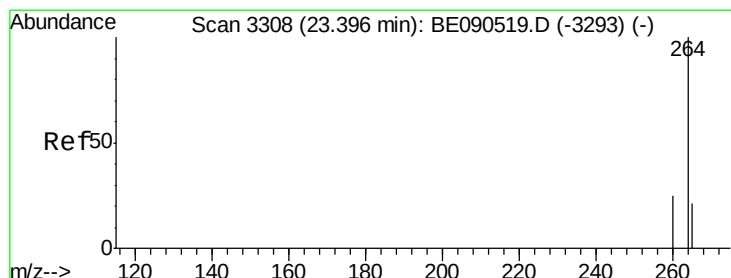
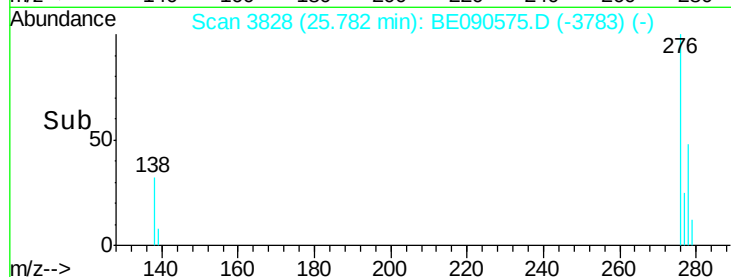
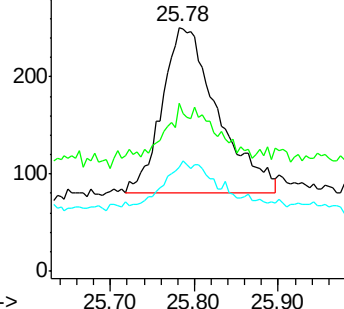
277 11.7 18.2 27.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090575.D

Acq: 20 Aug 2015 14:58

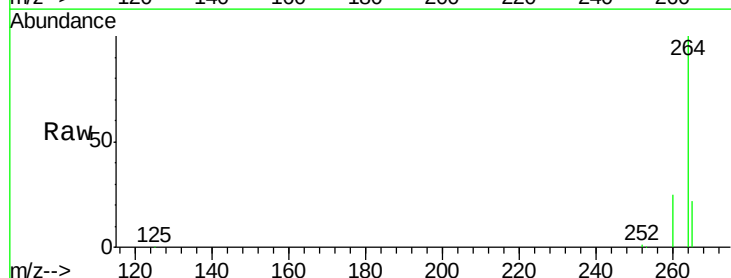
Tgt Ion: 264 Resp: 139539

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

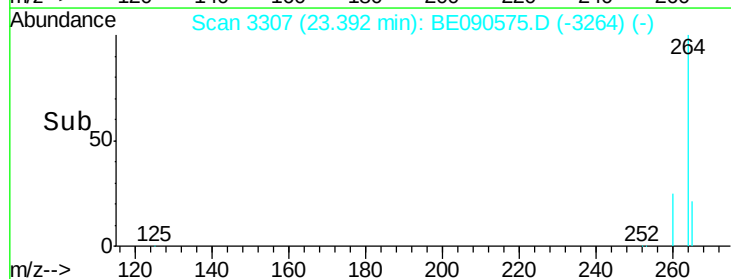
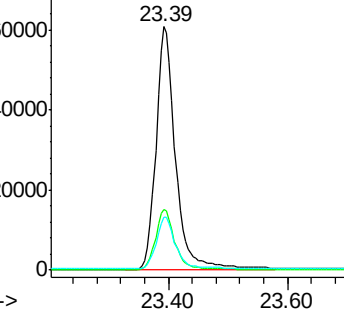
265 21.7 17.2 25.8

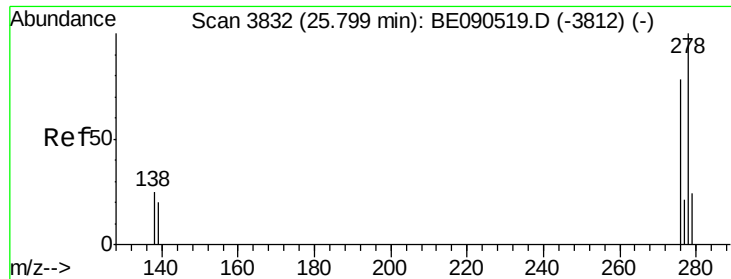


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 25.81 min Scan# 3834

Delta R.T. 0.01 min

Lab File: BE090575.D

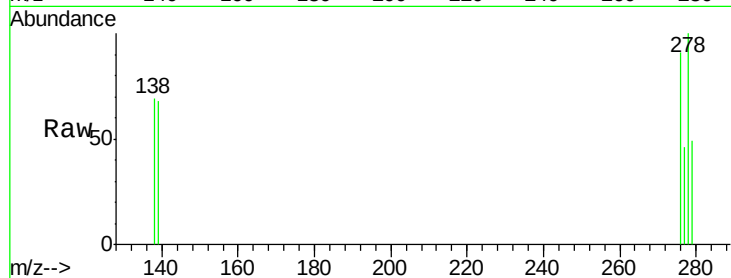
Acq: 20 Aug 2015 14:58

Instrument :

BNA_E

ClientSampleId :

081915-D534-E-D-B



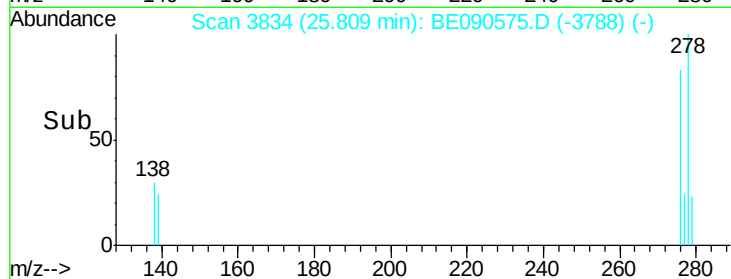
Tgt Ion: 278 Resp: 643

Ion Ratio Lower Upper

278 100

139 67.7 14.2 21.4#

279 48.7 20.1 30.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

25.81

250

200

150

100

50

0

Time-->