

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089946.D
 Acq On : 26 Jun 2015 17:11
 Operator : TP/IZ
 Sample : G2782-29
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610624-150624

Quant Time: Jun 27 00:59:55 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

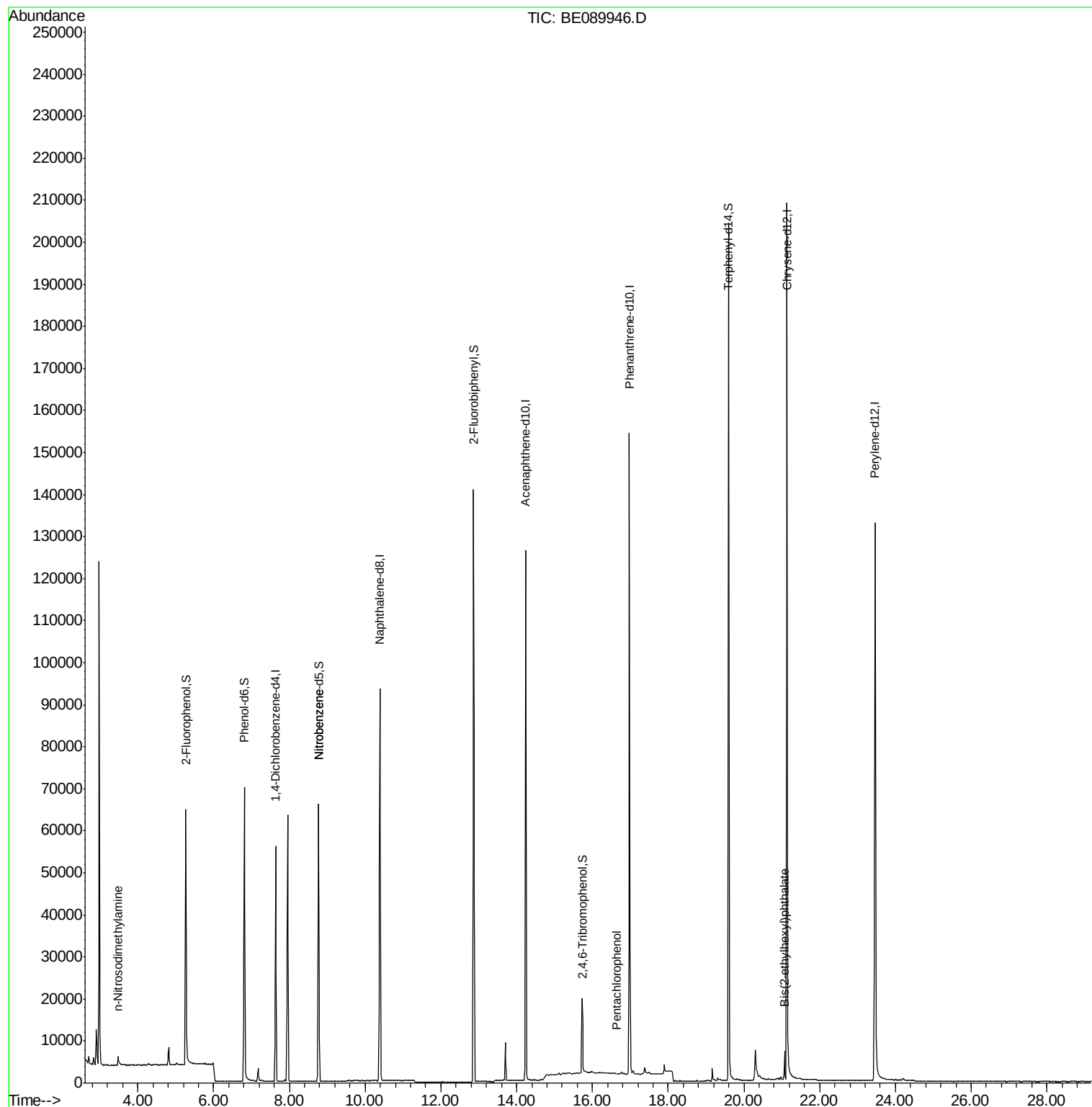
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	26204	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	119297	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	71827	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	177400	5.00	ng	0.00
25) Chrysene-d12	21.13	240	206560	5.00	ng	0.00
32) Perylene-d12	23.47	264	186106	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	43012	9.09	ng	0.00
5) Phenol-d6	6.81	99	70797	9.77	ng	0.00
7) Nitrobenzene-d5	8.77	82	53590	6.03	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	8375	6.66	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	128953	6.16	ng	0.00
27) Terphenyl-d14	19.60	244	212974	5.97	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	32	Below Cal	#	43
3) n-Nitrosodimethylamine	3.47	42	560	0.12 ng	#	1
8) Nitrobenzene	8.77	77	189	0.02 ng	#	36
17) Fluorene	15.29	166	103	Below Cal	#	91
21) Pentachlorophenol	16.63	266	46	0.46 ng	#	67
30) Bis(2-ethylhexyl)phthalate	21.07	149	5407	1.28 ng		100

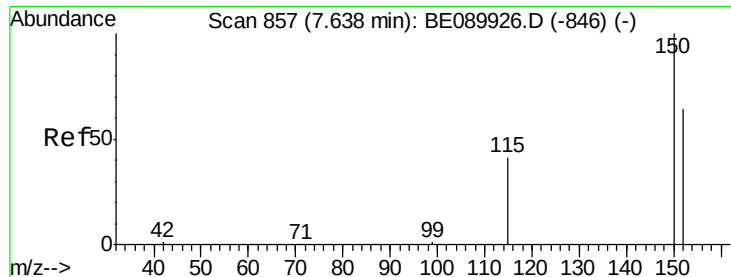
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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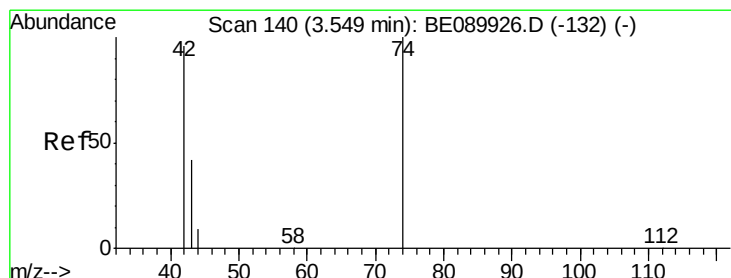
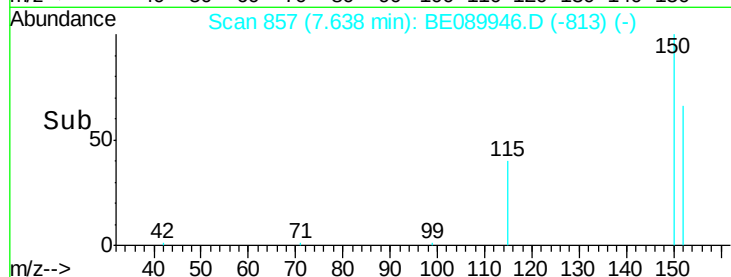
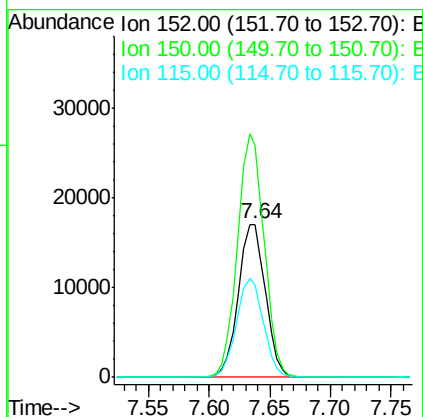
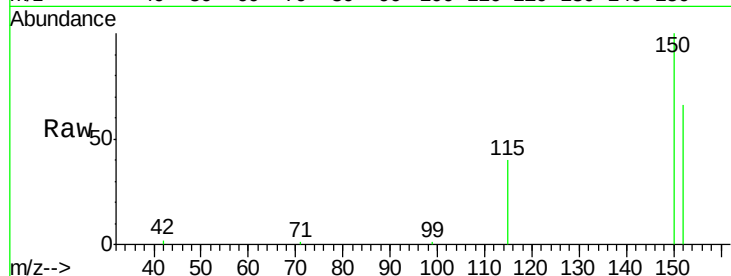


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089946.D
Acq: 26 Jun 2015 17:11

Instrument :
BNA_E
ClientSampleId :
X1SS0610624-150624

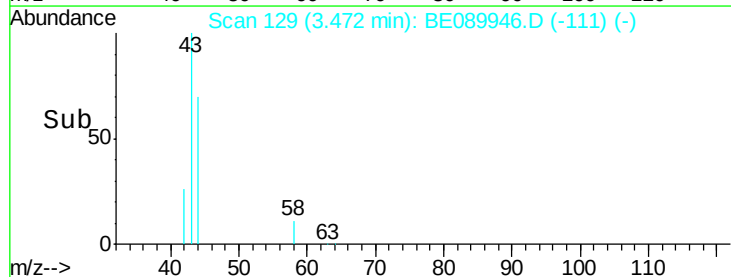
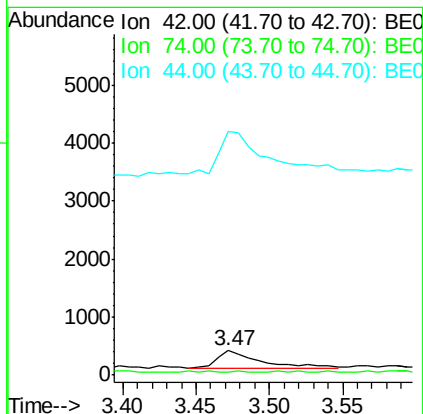
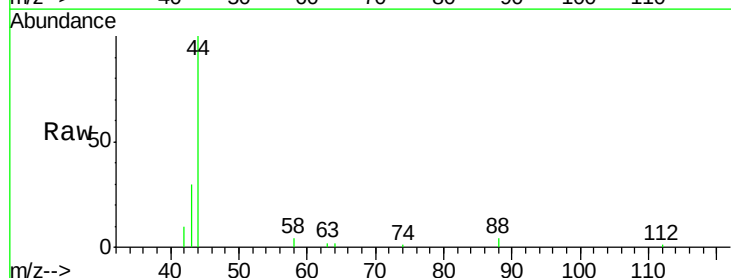
Tgt Ion:152 Resp: 26204
Ion Ratio Lower Upper
152 100
150 151.5 124.6 186.8
115 60.5 51.6 77.4

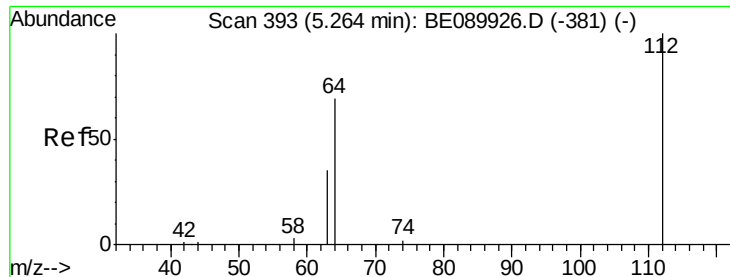


#3

n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.47 min Scan# 129
Delta R.T. -0.08 min
Lab File: BE089946.D
Acq: 26 Jun 2015 17:11

Tgt Ion: 42 Resp: 560
Ion Ratio Lower Upper
42 100
74 0.0 85.4 128.2#
44 341.4 8.4 12.6#





#4

2-Fluorophenol

Concen: 9.09 ng

RT: 5.26 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE089946.D

Acq: 26 Jun 2015 17:11

Instrument :

BNA_E

ClientSampleId :

X1SS0610624-150624

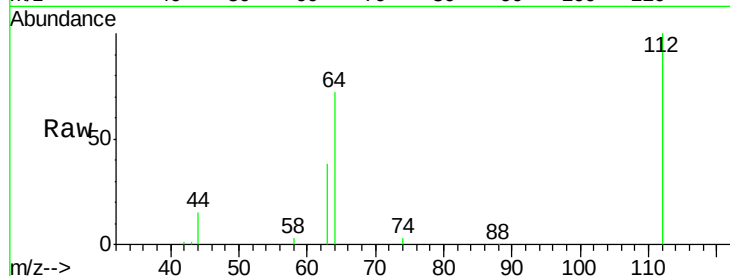
Tgt Ion: 112 Resp: 43012

Ion Ratio Lower Upper

112 100

64 72.2 57.4 86.2

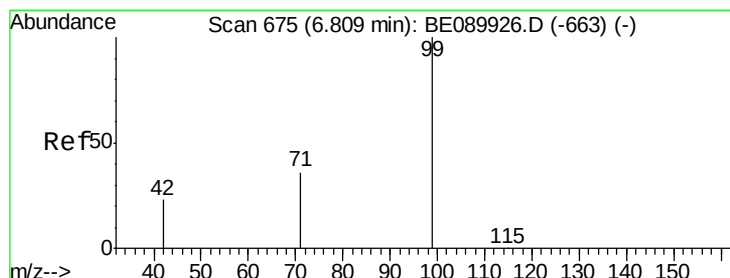
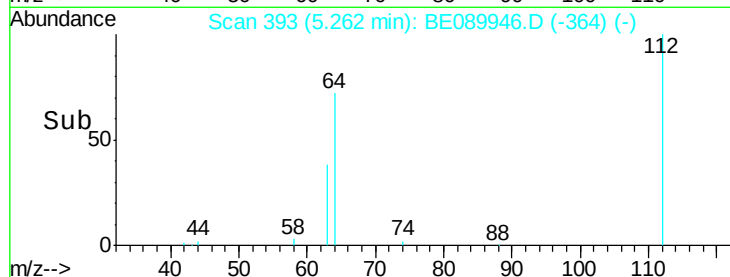
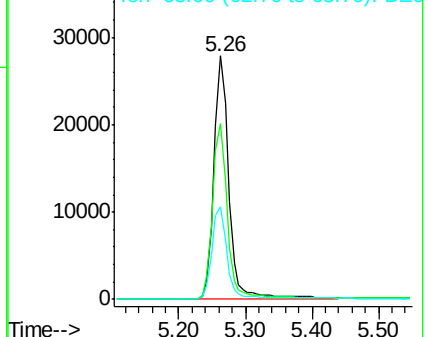
63 39.0 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 9.77 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089946.D

Acq: 26 Jun 2015 17:11

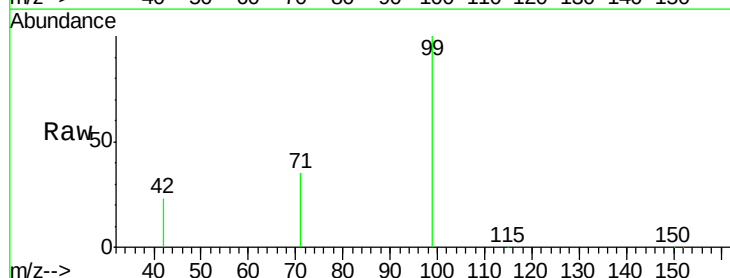
Tgt Ion: 99 Resp: 70797

Ion Ratio Lower Upper

99 100

42 22.9 19.5 29.3

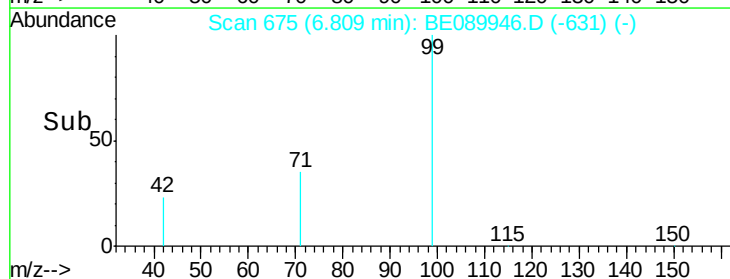
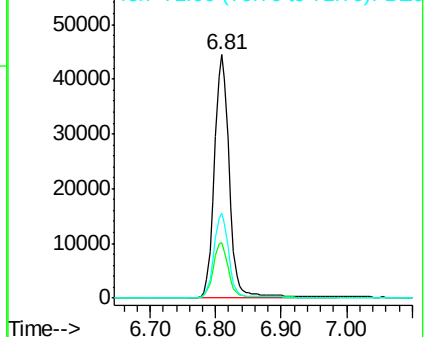
71 34.8 27.8 41.6

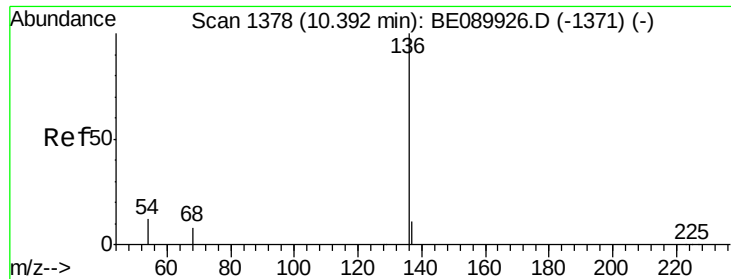


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

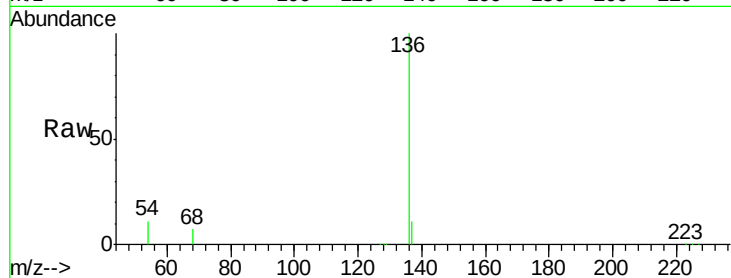




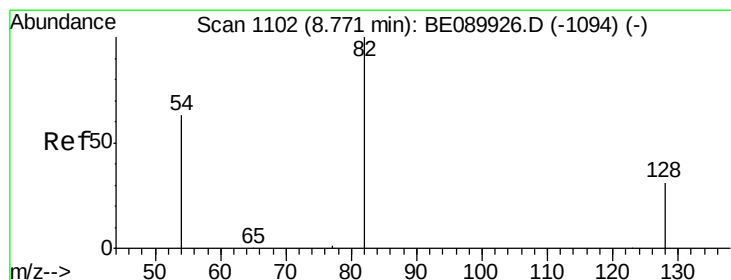
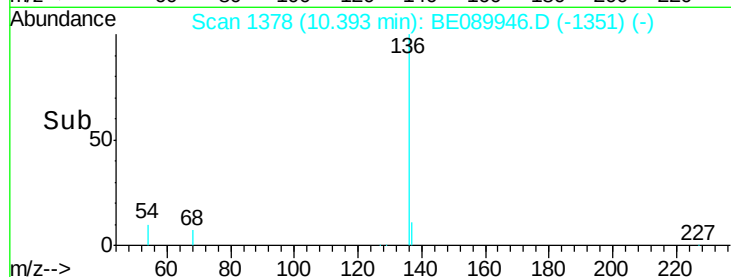
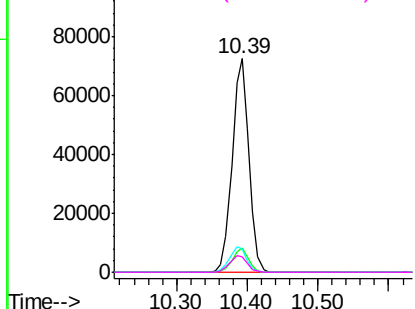
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE089946.D
Acq: 26 Jun 2015 17:11

Instrument :
BNA_E
ClientSampleId :
X1SS0610624-150624

Tgt Ion:	136	Resp:	119297
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.5	9.7	14.5
68	7.3	6.5	9.7

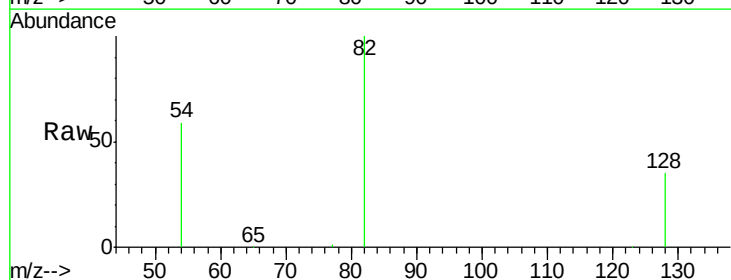


Abundance Ion 136.00 (135.70 to 136.70): BE089946.D (-1371) (-)
Ion 137.00 (136.70 to 137.70): BE089946.D (-1371) (-)
Ion 54.00 (53.70 to 54.70): BE089946.D (-1371) (-)
Ion 68.00 (67.70 to 68.70): BE089946.D (-1371) (-)

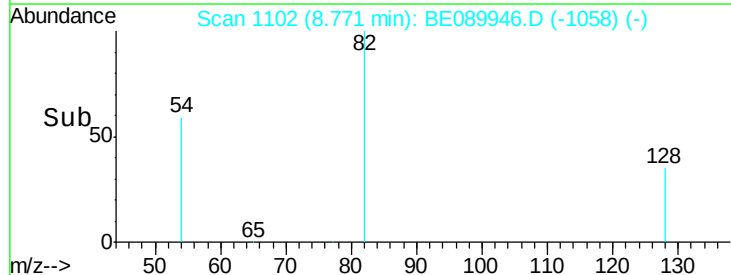
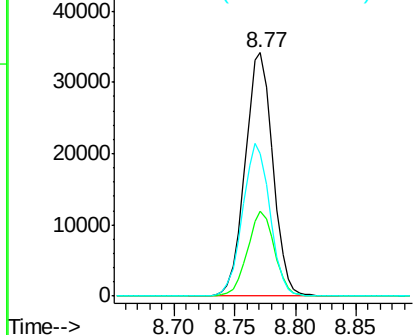


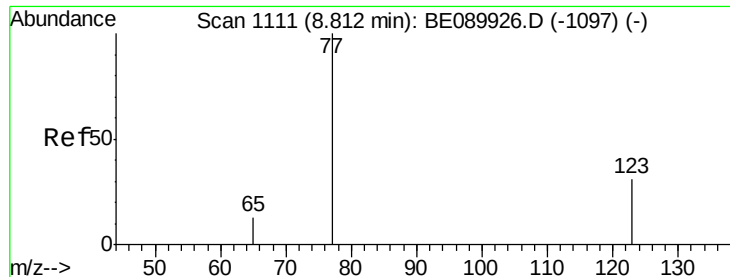
#7
Nitrobenzene-d5
Concen: 6.03 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089946.D
Acq: 26 Jun 2015 17:11

Tgt Ion:	82	Resp:	53590
Ion	Ratio	Lower	Upper
82	100		
128	34.8	25.6	38.4
54	58.6	51.2	76.8



Abundance Ion 82.00 (81.70 to 82.70): BE089946.D (-1094) (-)
Ion 128.00 (127.70 to 128.70): BE089946.D (-1094) (-)
Ion 54.00 (53.70 to 54.70): BE089946.D (-1094) (-)





#8

Nitrobenzene

Concen: 0.02 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.04 min

Lab File: BE089946.D

Acq: 26 Jun 2015 17:11

Instrument :

BNA_E

ClientSampleId :

X1SS0610624-150624

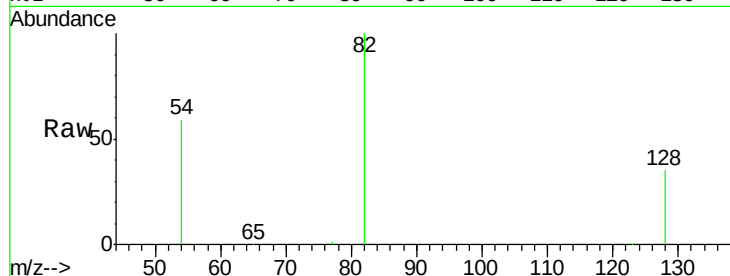
Tgt Ion: 77 Resp: 189

Ion Ratio Lower Upper

77 100

123 0.0 26.6 39.8#

65 43.4 10.2 15.4#

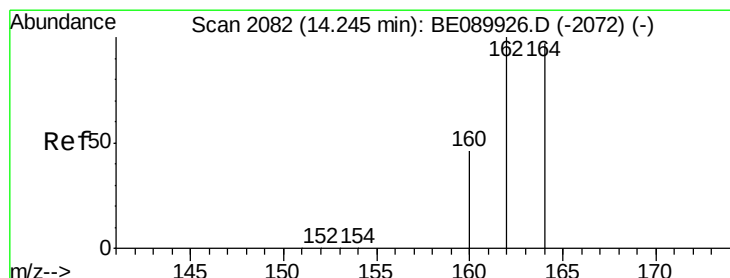
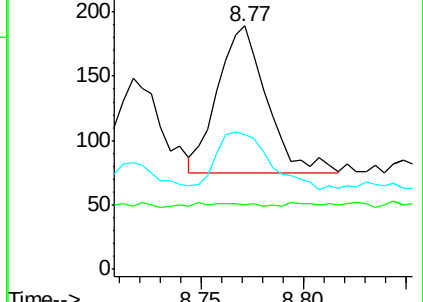
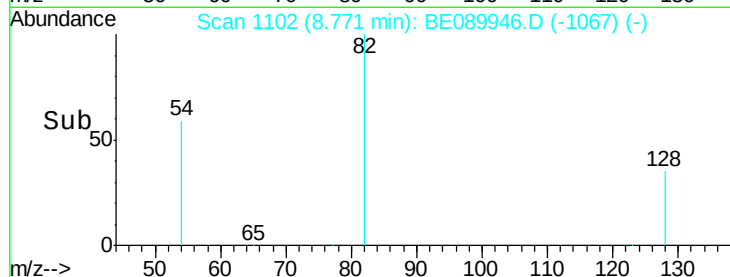


Abundance Ion 77.00 (76.70 to 77.70): BE089946.D (-1097) (-)

Ion 123.00 (122.70 to 123.70): BE089946.D (-1097) (-)

Ion 65.00 (64.70 to 65.70): BE089946.D (-1097) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089946.D

Acq: 26 Jun 2015 17:11

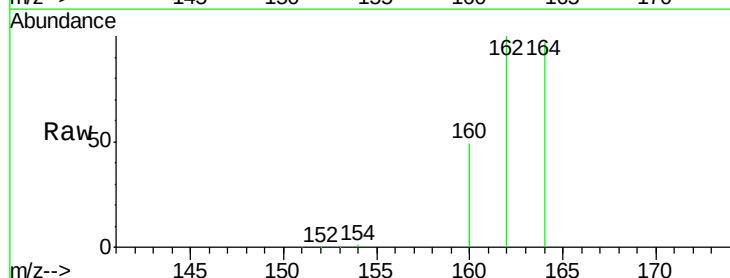
Tgt Ion: 164 Resp: 71827

Ion Ratio Lower Upper

164 100

162 103.6 82.7 124.1

160 51.3 38.3 57.5

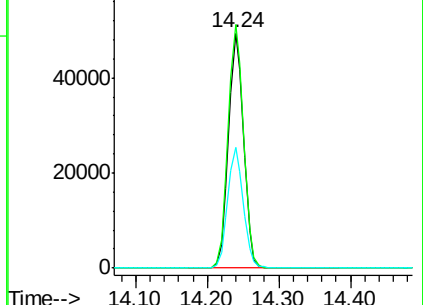
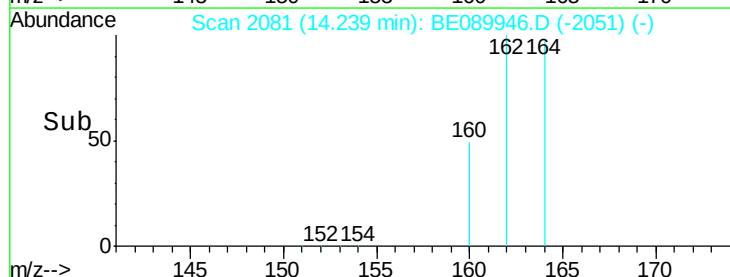


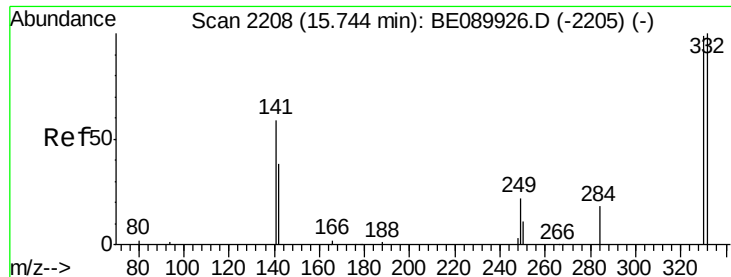
Abundance Ion 164.00 (163.70 to 164.70): BE089946.D (-2051) (-)

Ion 162.00 (161.70 to 162.70): BE089946.D (-2051) (-)

Ion 160.00 (159.70 to 160.70): BE089946.D (-2051) (-)

Time-->

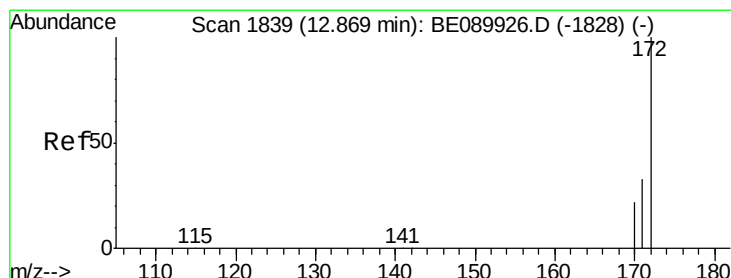
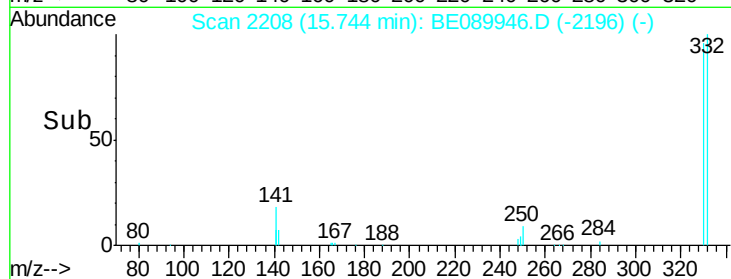
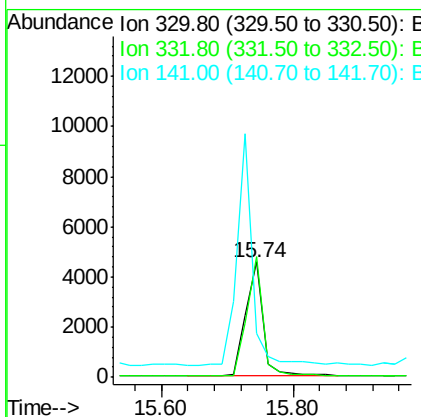
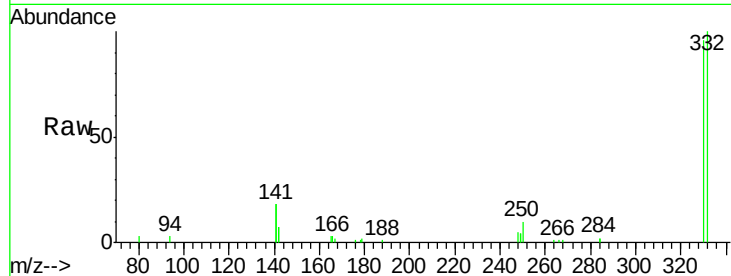




#13
 2,4,6-Tribromophenol
 Concen: 6.66 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089946.D
 Acq: 26 Jun 2015 17:11

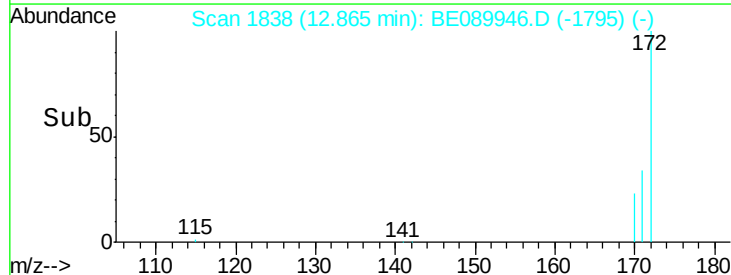
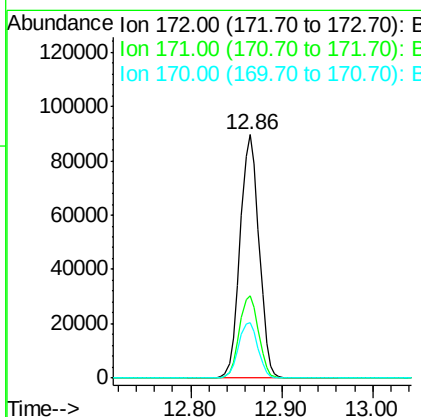
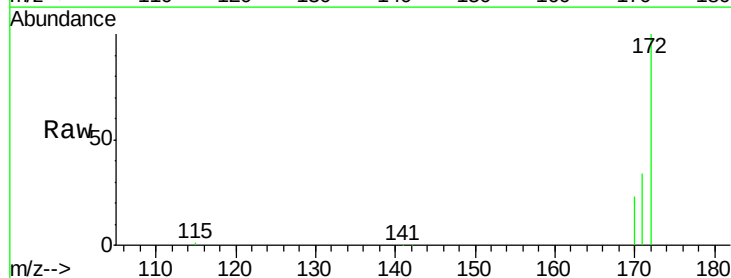
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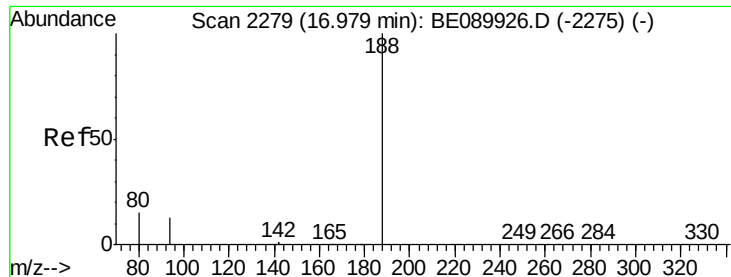
Tgt Ion:330 Resp: 8375
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.9 116.9
 141 177.3 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 6.16 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BE089946.D
 Acq: 26 Jun 2015 17:11

Tgt Ion:172 Resp: 128953
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.7 40.1
 170 23.0 17.5 26.3





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE089946.D

Acq: 26 Jun 2015 17:11

Instrument :

BNA_E

ClientSampleId :

X1SS0610624-150624

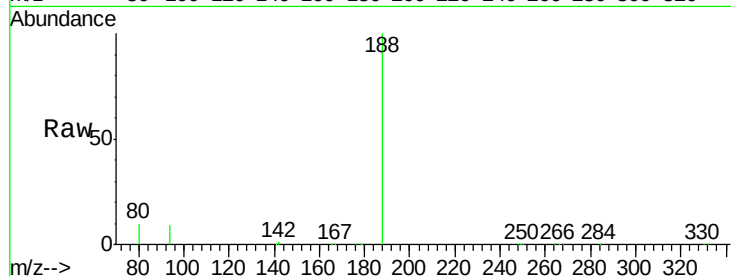
Tgt Ion:188 Resp: 177400

Ion Ratio Lower Upper

188 100

94 9.5 10.6 16.0#

80 10.3 11.8 17.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

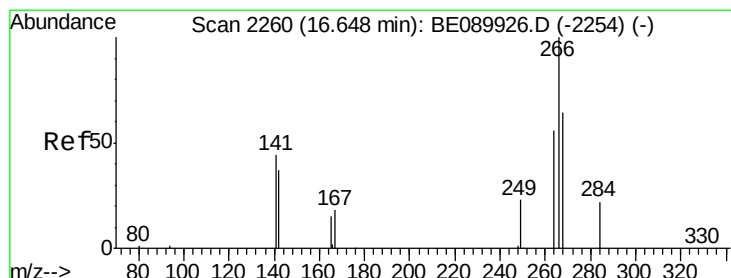
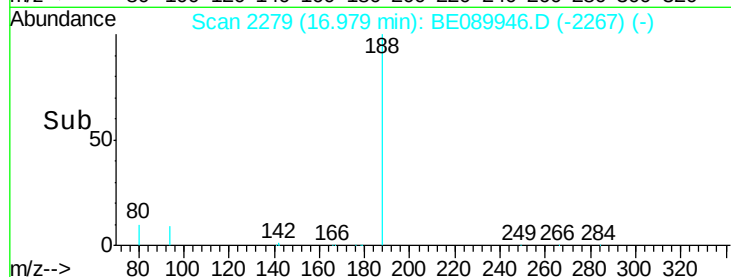
16.98

100000

50000

0

Time--> 16.90 17.00 17.10



#21

Pentachlorophenol

Concen: 0.46 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE089946.D

Acq: 26 Jun 2015 17:11

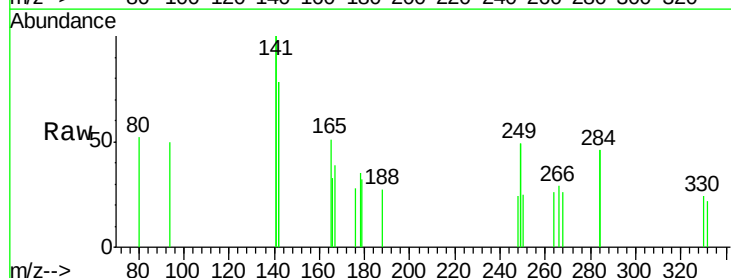
Tgt Ion:266 Resp: 46

Ion Ratio Lower Upper

266 100

268 90.0 54.4 81.6#

264 90.0 48.2 72.2#



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

16.63

80

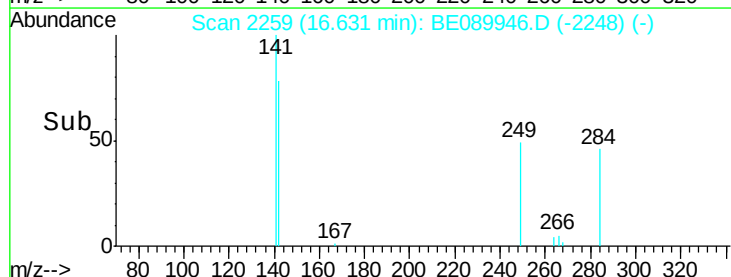
60

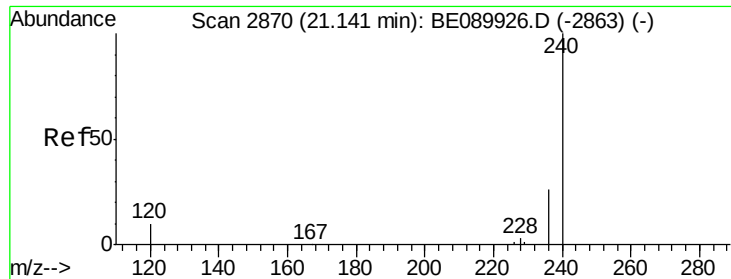
40

20

0

Time--> 16.40 16.60 16.80





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE089946.D

Acq: 26 Jun 2015 17:11

Instrument :

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X1SS0610624-150624

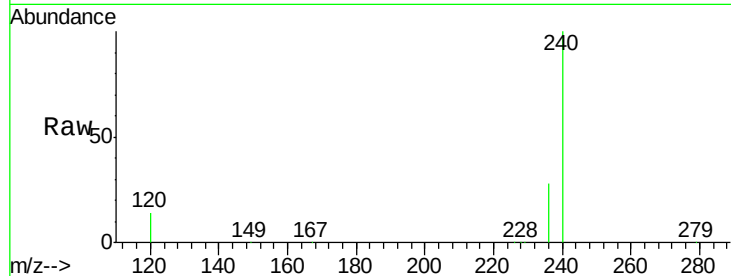
Tgt Ion:240 Resp: 206560

Ion Ratio Lower Upper

240 100

120 13.5 7.9 11.9#

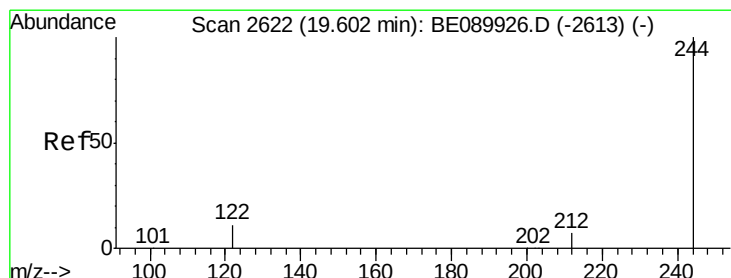
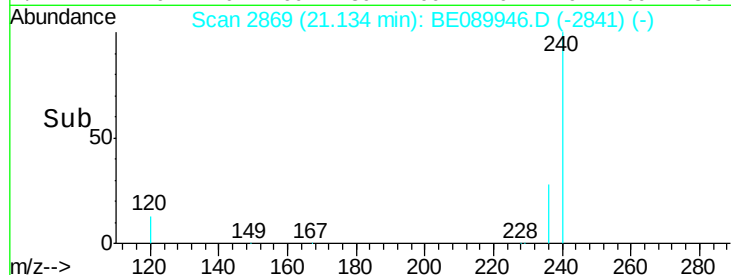
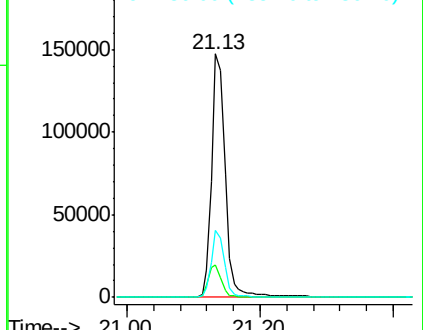
236 27.7 21.2 31.8



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: 5.97 ng

RT: 19.60 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BE089946.D

Acq: 26 Jun 2015 17:11

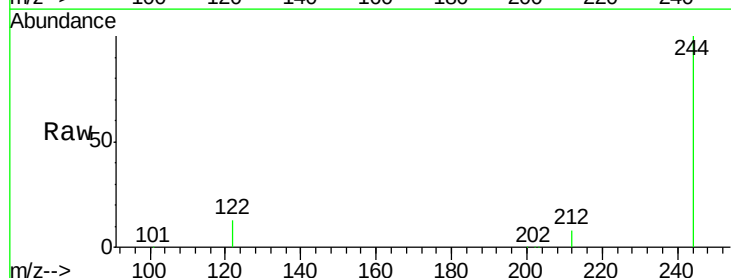
Tgt Ion:244 Resp: 212974

Ion Ratio Lower Upper

244 100

212 8.4 6.1 9.1

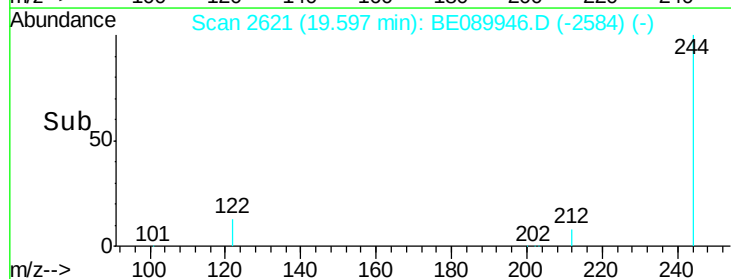
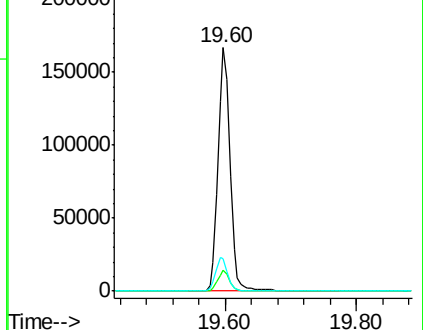
122 13.2 8.7 13.1#

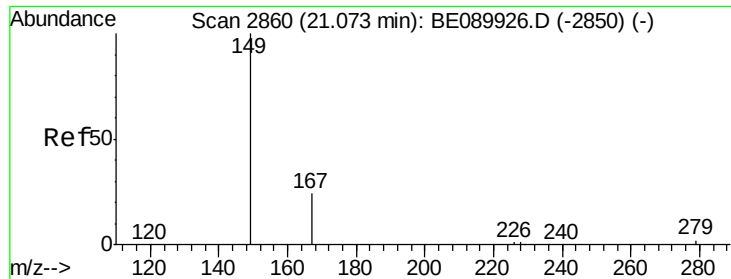


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

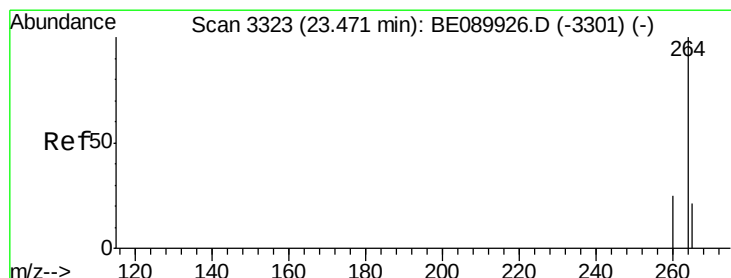
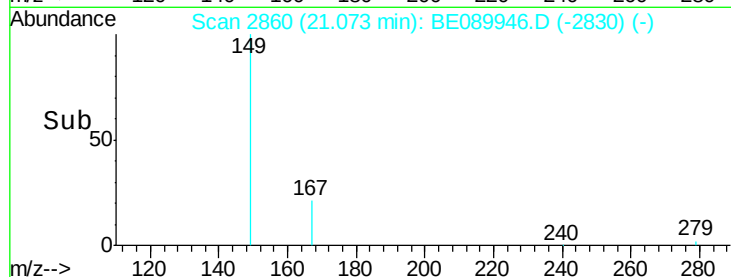
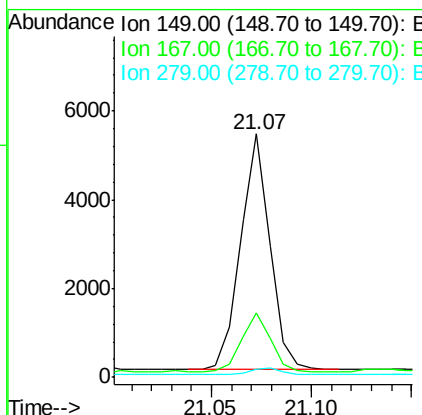
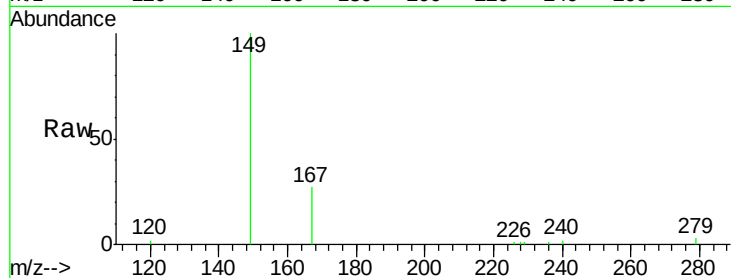




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 1.28 ng
 RT: 21.07 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BE089946.D
 Acq: 26 Jun 2015 17:11

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610624-150624

Tgt Ion:149 Resp: 5407
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.3 30.5
 279 3.0 2.7 4.1



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.47 min Scan# 3322
 Delta R.T. -0.00 min
 Lab File: BE089946.D
 Acq: 26 Jun 2015 17:11

Tgt Ion:264 Resp: 186106
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 22.0 17.3 25.9

