

Data Path : Z:\HPCHEM1\BNA_E\Data\BE103116\
 Data File : BE092482.D
 Acq On : 31 Oct 2016 16:36
 Operator : UM/SJ
 Sample : PB94409BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94457BL

Quant Time: Nov 01 08:55:28 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 15:25:33 2016
 Response via : Initial Calibration

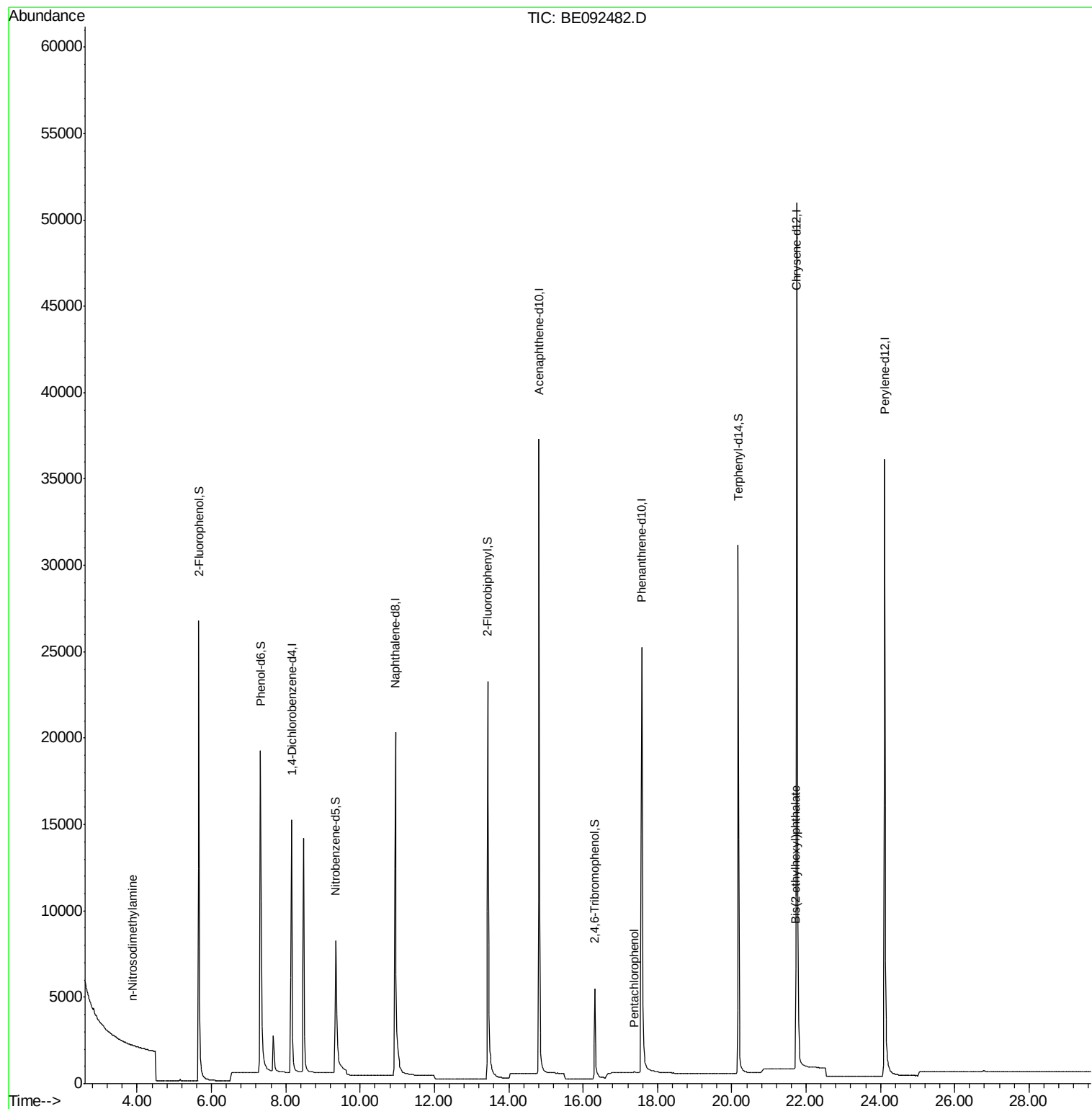
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9738	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	41614	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	25489	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	51694	5.00	ng	0.00
24) Chrysene-d12	21.75	240	68371	5.00	ng	0.00
31) Perylene-d12	24.11	264	59742	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	22857	12.57	ng	-0.03
5) Phenol-d6	7.31	99	28313	10.36	ng	-0.05
8) Nitrobenzene-d5	9.34	82	12821	4.35	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	5206	7.55	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	32005	5.15	ng	-0.01
26) Terphenyl-d14	20.17	244	44229	5.23	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.65	88	1	Below Cal	#	19
3) n-Nitrosodimethylamine	3.87	42	6	0.21 ng	#	17
20) Pentachlorophenol	17.37	266	1	0.25 ng	#	73
29) Bis(2-ethylhexyl)phthalate	21.72	149	87	0.24 ng	#	49

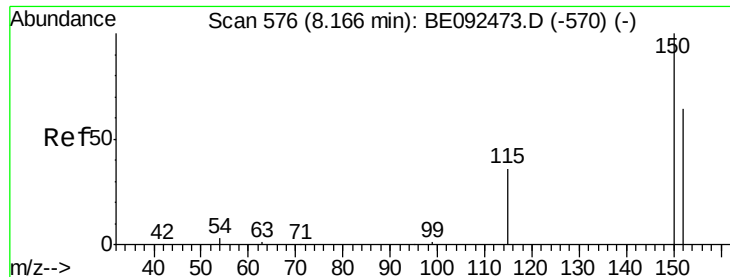
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleId :

PB94457BL

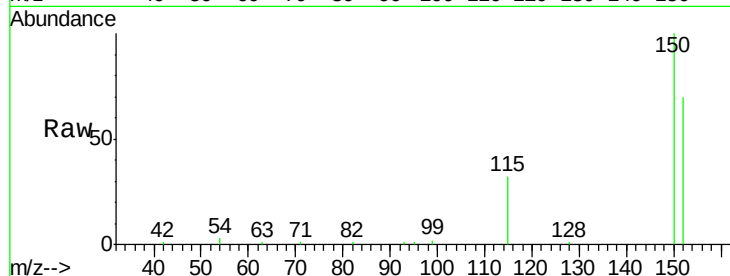
Tgt Ion:152 Resp: 9738

Ion Ratio Lower Upper

152 100

150 143.8 106.0 159.0

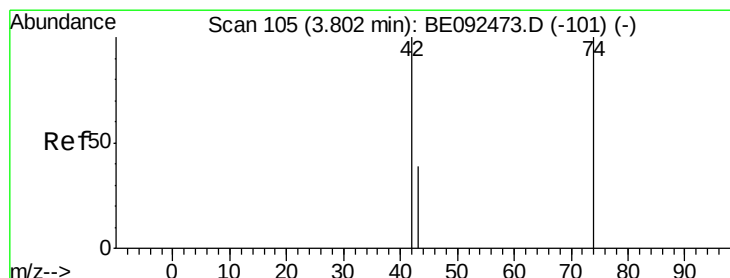
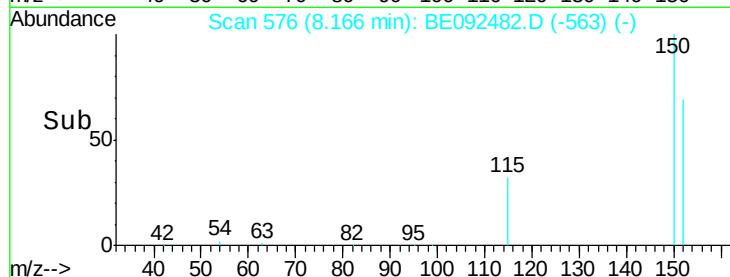
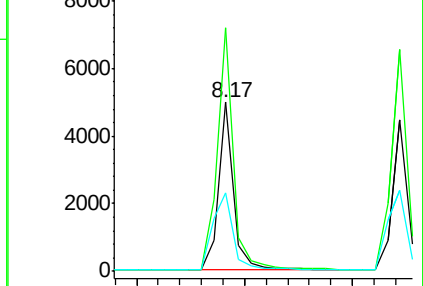
115 46.4 31.2 46.8



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: 0.21 ng

RT: 3.87 min Scan# 111

Delta R.T. 0.07 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

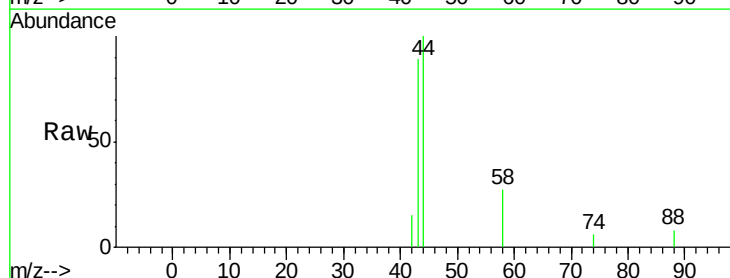
Tgt Ion: 42 Resp: 6

Ion Ratio Lower Upper

42 100

74 16.7 86.0 129.0#

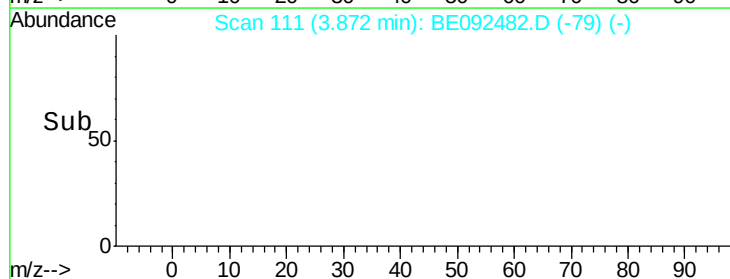
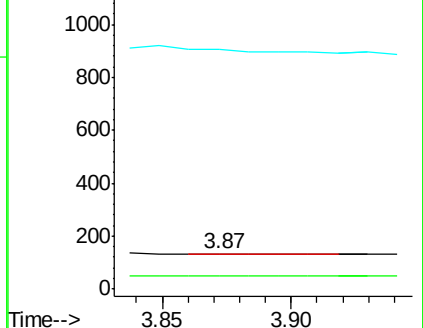
44 0.0 5.1 7.7#

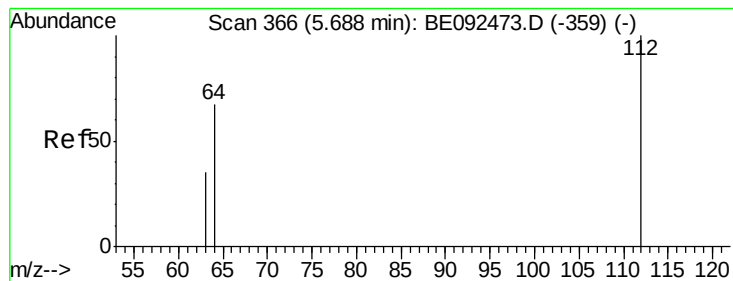


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 12.57 ng

RT: 5.66 min Scan# 361

Delta R.T. -0.03 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleId :

PB94457BL

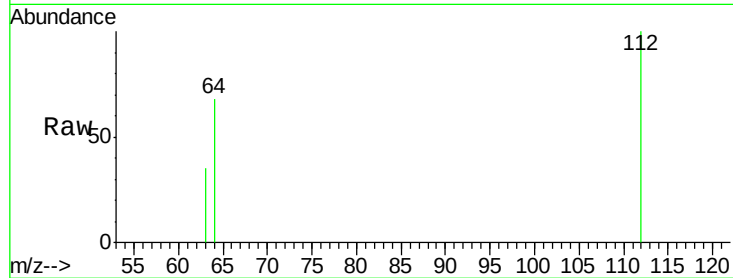
Tgt Ion: 112 Resp: 22857

Ion Ratio Lower Upper

112 100

64 68.2 53.5 80.3

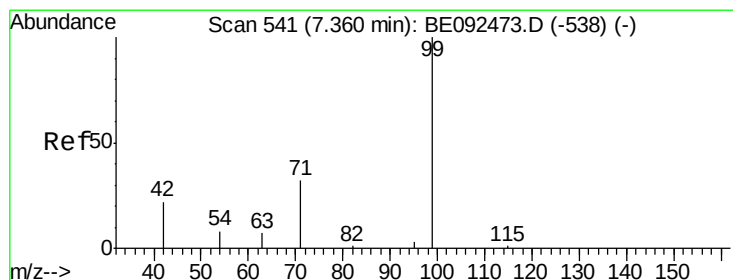
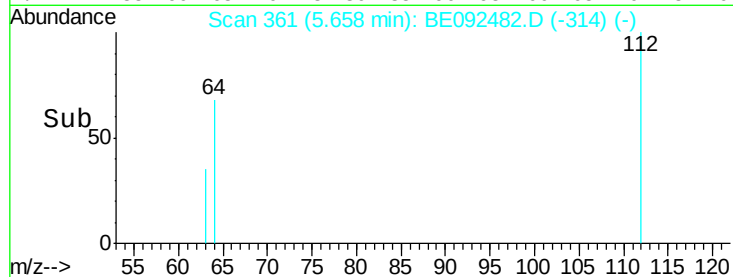
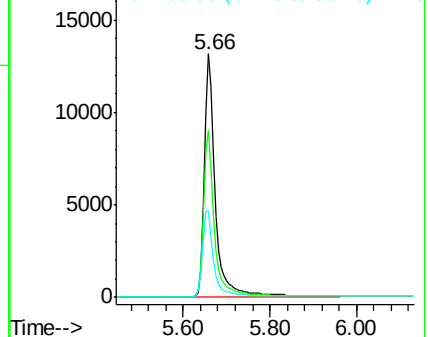
63 36.7 27.9 41.9



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: 10.36 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

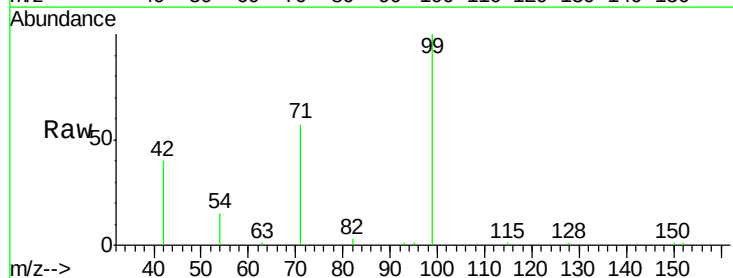
Tgt Ion: 99 Resp: 28313

Ion Ratio Lower Upper

99 100

42 26.3 16.0 24.0#

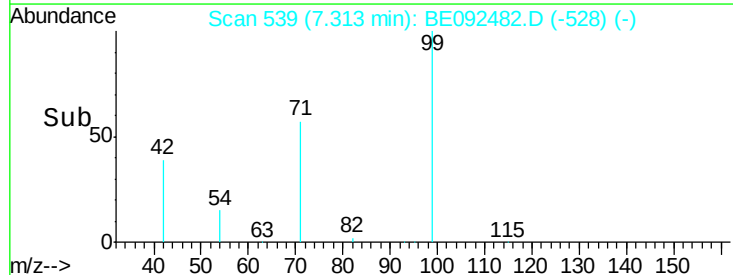
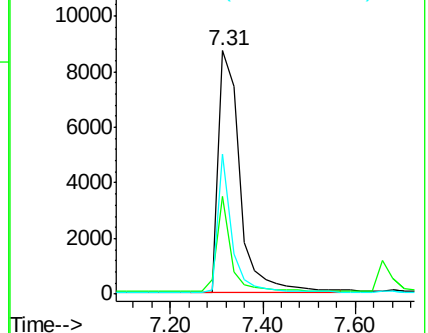
71 37.9 30.6 45.8

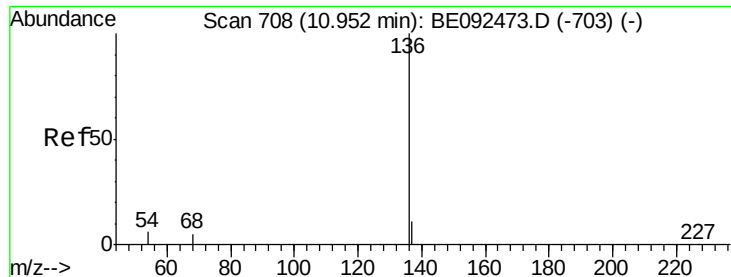


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

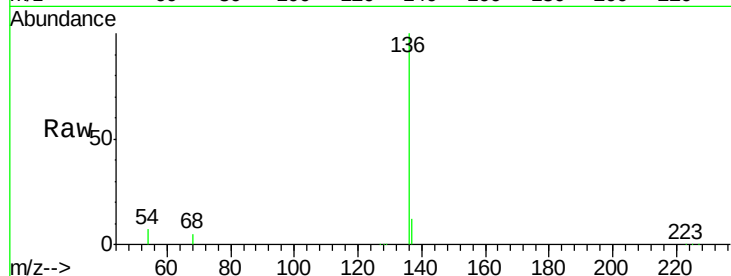
Instrument :

BNA_E

ClientSampleId :

PB94457BL

Tgt Ion:	136	Resp:	41614
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	6.6	9.6	14.4#
68	4.8	6.7	10.1#

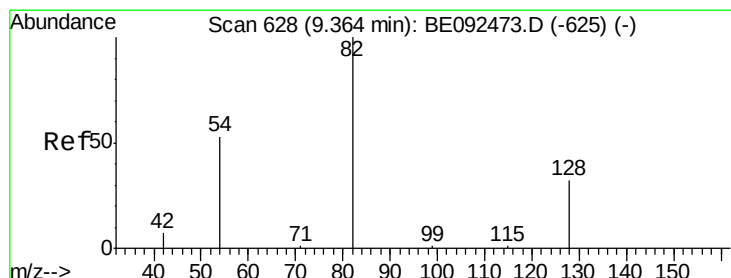
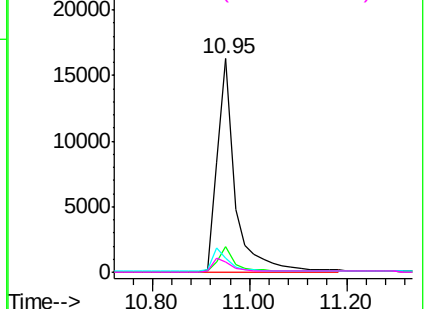
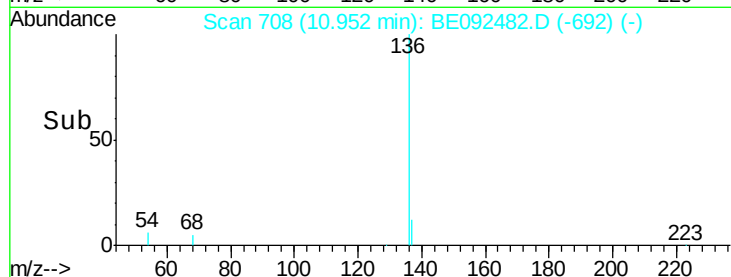


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 4.35 ng

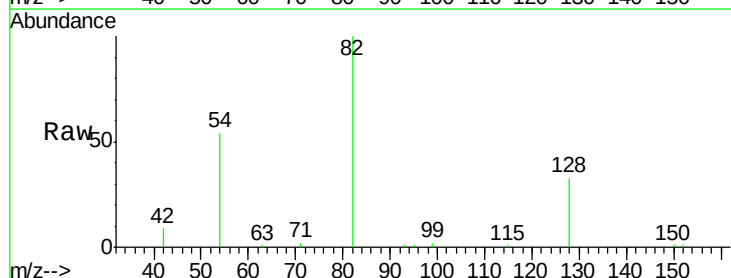
RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

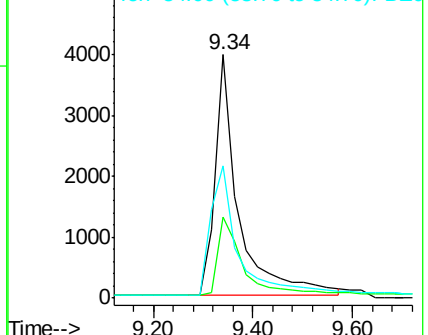
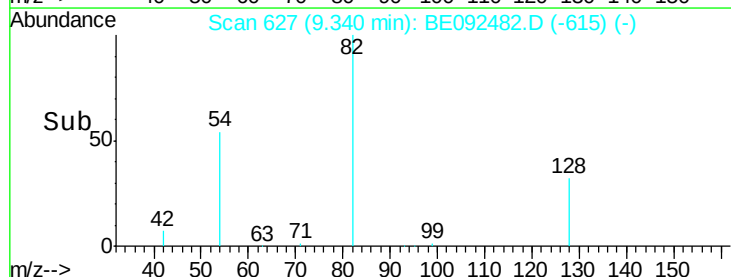
Tgt Ion:	82	Resp:	12821
Ion	Ratio	Lower	Upper
82	100		
128	33.3	39.0	58.4#
54	54.1	44.8	67.2

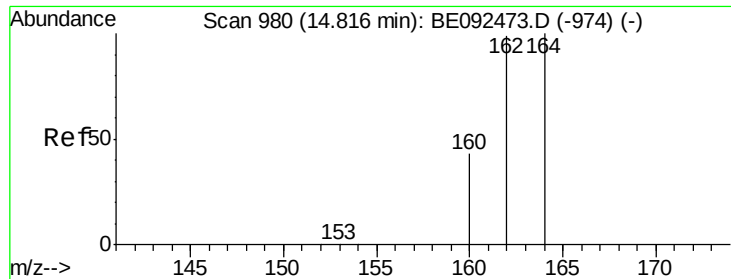


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleId :

PB94457BL

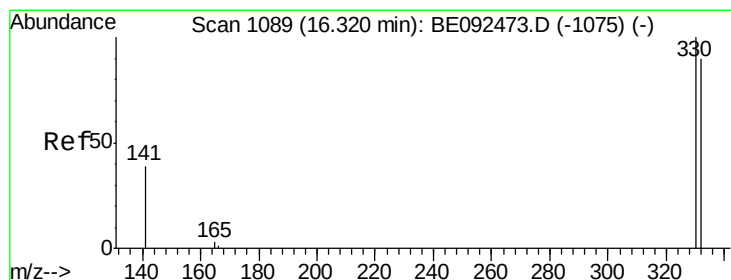
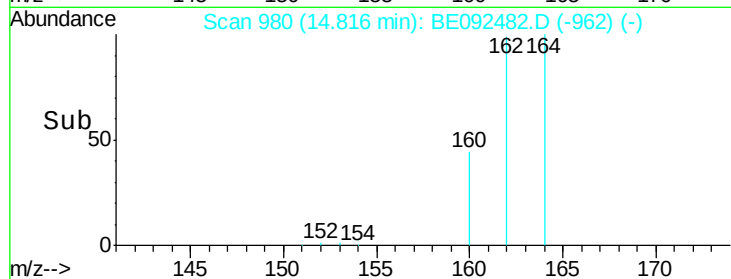
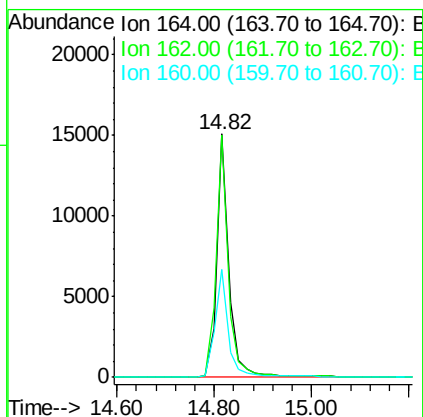
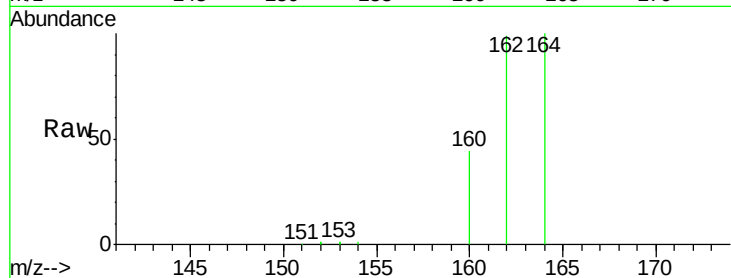
Tgt Ion:164 Resp: 25489

Ion Ratio Lower Upper

164 100

162 99.4 71.4 107.0

160 44.4 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 7.55 ng

RT: 16.31 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

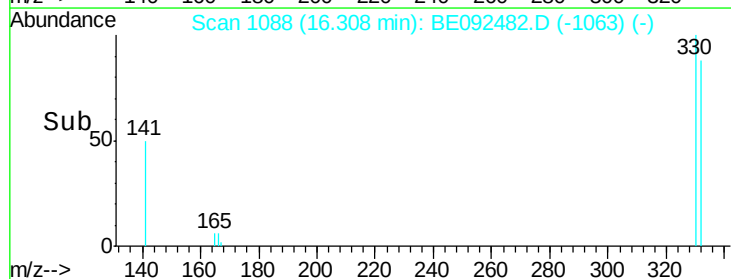
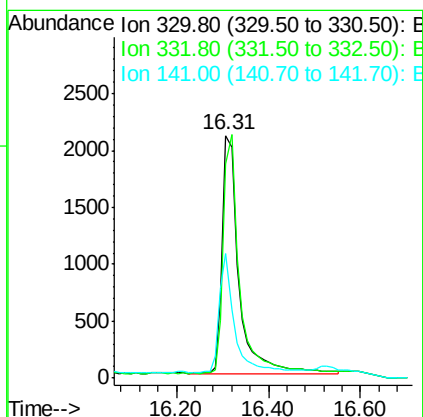
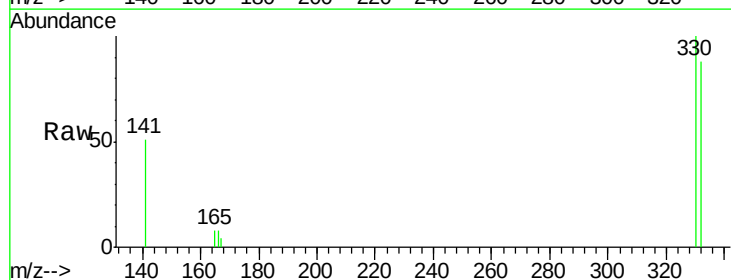
Tgt Ion:330 Resp: 5206

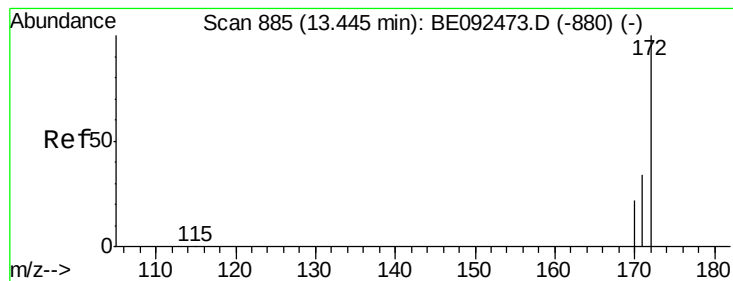
Ion Ratio Lower Upper

330 100

332 96.8 75.4 113.0

141 44.7 31.0 46.6





#14

2-Fluorobiphenyl

Concen: 5.15 ng

RT: 13.43 min Scan# 884

Delta R.T. -0.01 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleId :

PB94457BL

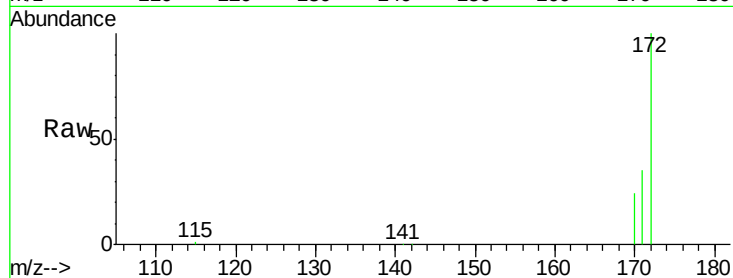
Tgt Ion:172 Resp: 32005

Ion Ratio Lower Upper

172 100

171 35.4 30.1 45.1

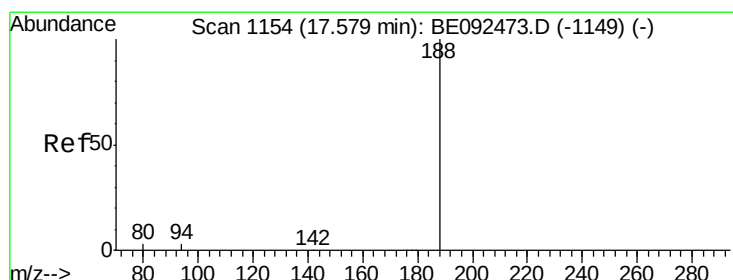
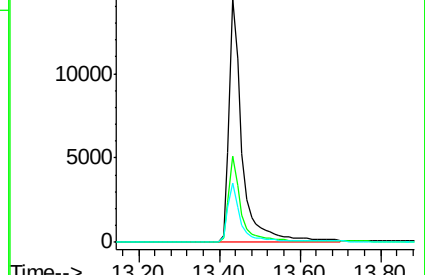
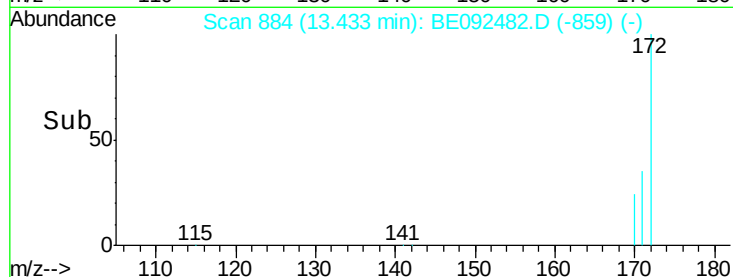
170 24.4 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

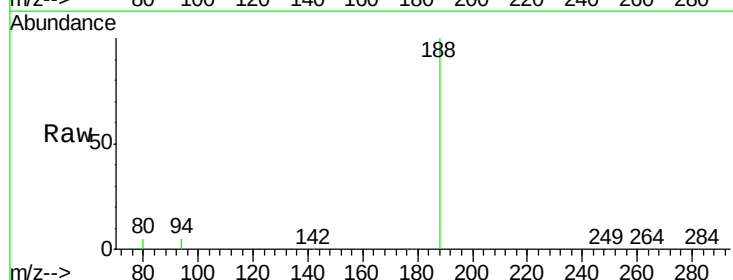
Tgt Ion:188 Resp: 51694

Ion Ratio Lower Upper

188 100

94 4.9 3.2 4.8#

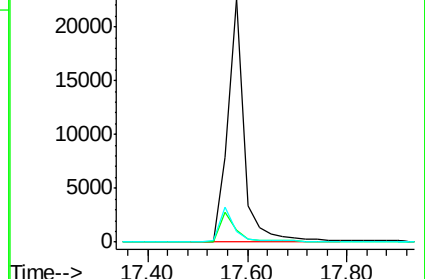
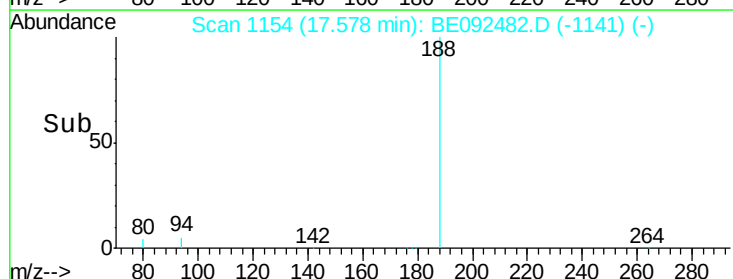
80 4.5 2.6 3.8#

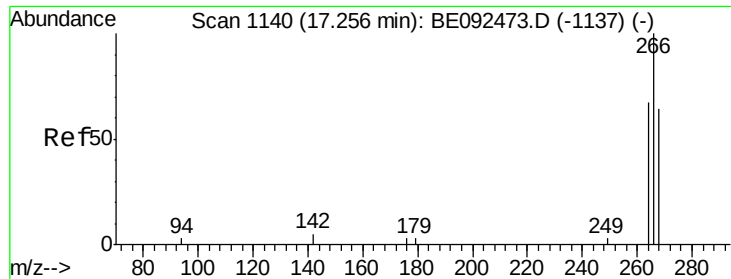


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

Pentachlorophenol

Concen: 0.25 ng

RT: 17.37 min Scan# 1145

Delta R.T. 0.11 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

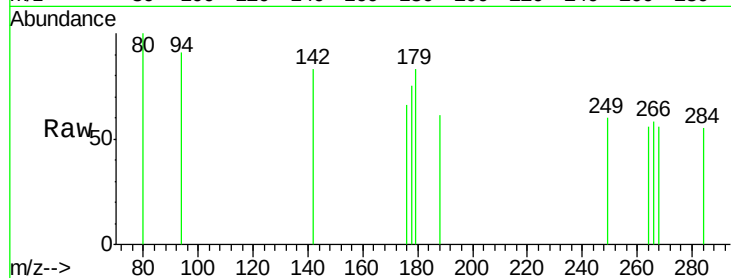
Instrument :

BNA_E

ClientSampleId :

PB94457BL

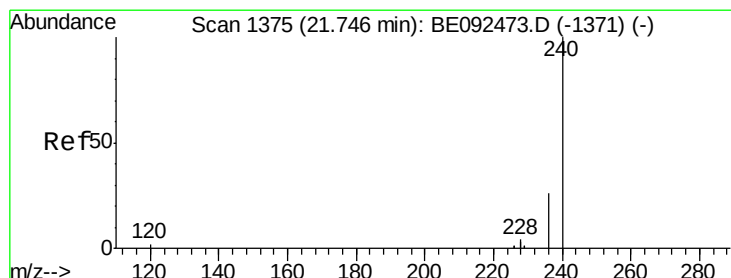
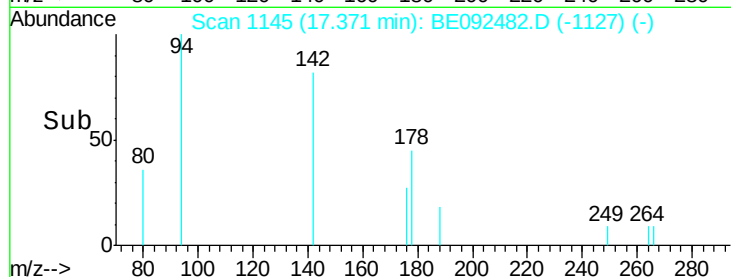
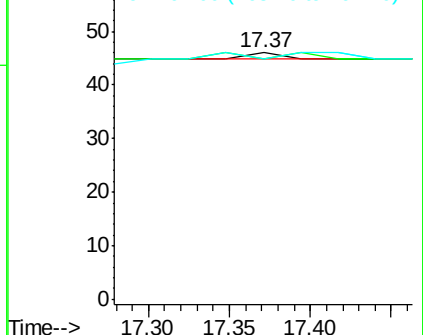
Tgt Ion:	266	Resp:	1
Ion	Ratio	Lower	Upper
266	100		
268	97.8	62.5	93.7#
264	97.8	57.2	85.8#



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



#24

Chrysene-d12

Concen: 5.00 ng

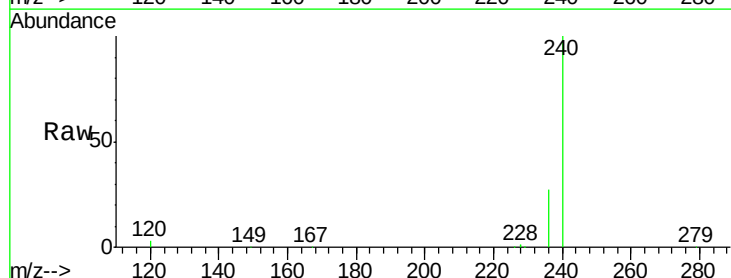
RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

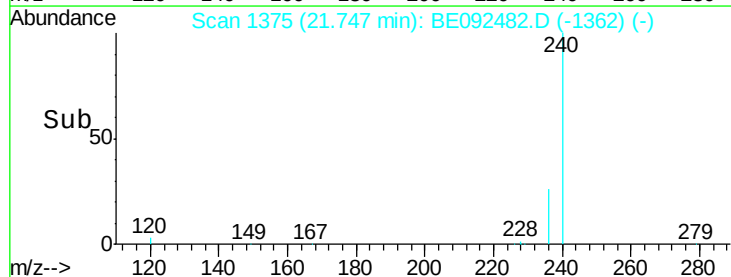
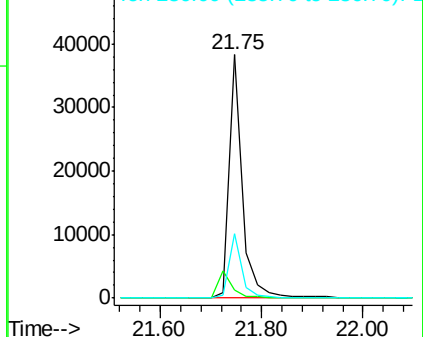
Tgt Ion:	240	Resp:	68371
Ion	Ratio	Lower	Upper
240	100		
120	3.4	2.6	4.0
236	26.6	24.6	37.0

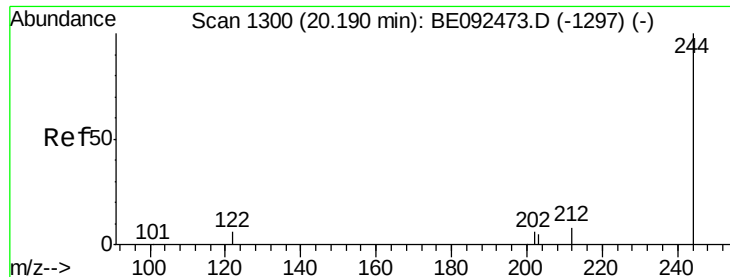


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 5.23 ng

RT: 20.17 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleId :

PB94457BL

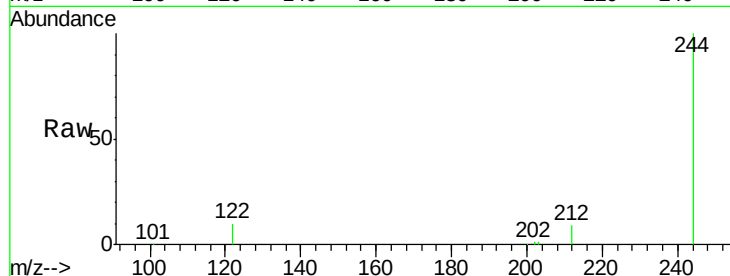
Tgt Ion:244 Resp: 44229

Ion Ratio Lower Upper

244 100

212 9.4 6.7 10.1

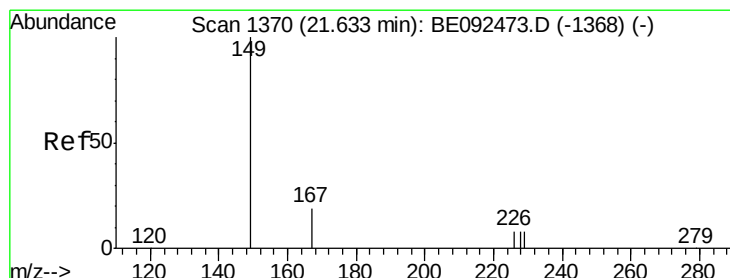
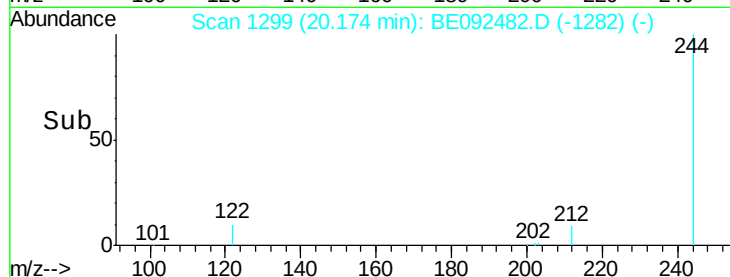
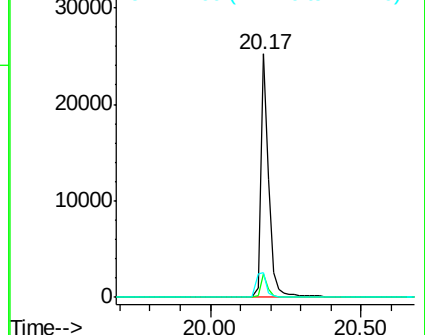
122 10.3 3.6 5.4#



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



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.24 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.09 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

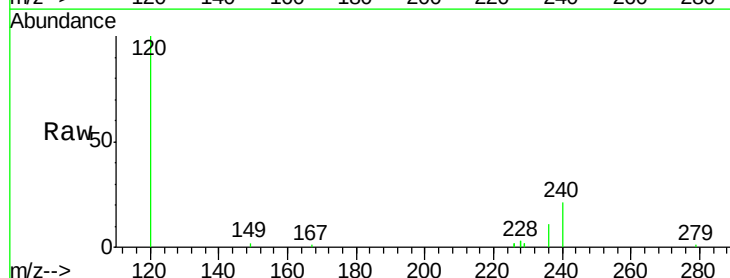
Tgt Ion:149 Resp: 87

Ion Ratio Lower Upper

149 100

167 48.3 16.0 24.0#

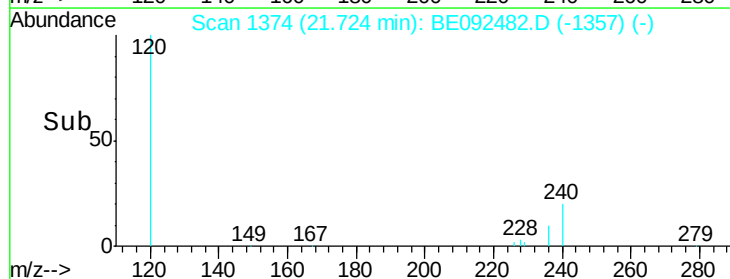
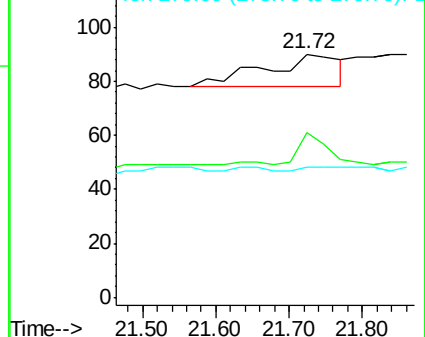
279 1.1 16.0 24.0#

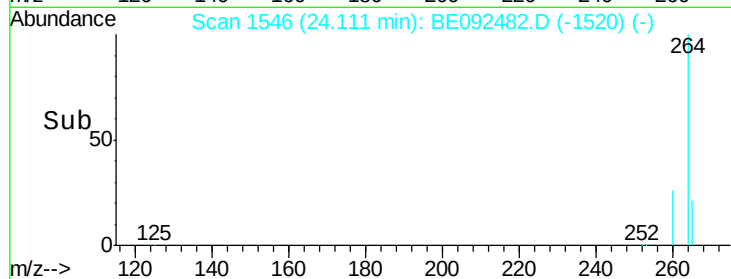
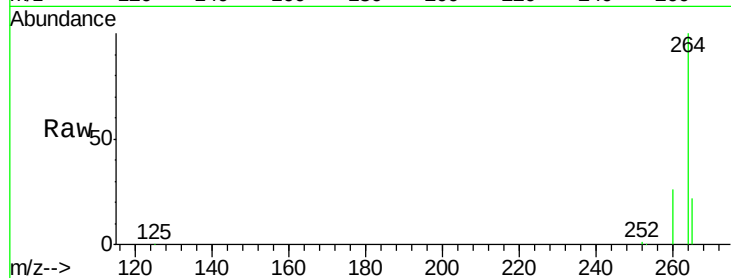
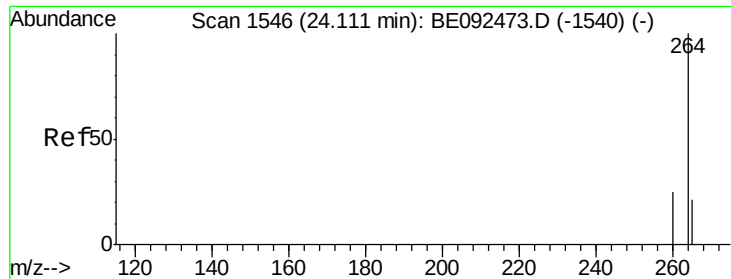


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.11 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleId :

PB94457BL

Tgt Ion: 264 Resp: 59742

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 21.5 17.9 26.9

