

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100716\
 Data File : BE092452.D
 Acq On : 7 Oct 2016 18:24
 Operator : UM/SJ
 Sample : PB93405BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93405BL

Quant Time: Oct 07 23:21:48 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10141	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	41269	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	27423	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	53058	5.00	ng	0.02
24) Chrysene-d12	21.75	240	75535	5.00	ng	0.00
31) Perylene-d12	24.11	264	66706	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	17195	7.20	ng	-0.02
5) Phenol-d6	7.33	99	20831	6.12	ng	-0.02
8) Nitrobenzene-d5	9.36	82	8333	2.87	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	3708	3.90	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	23062	3.55	ng	0.00
26) Terphenyl-d14	20.17	244	31282	3.34	ng	0.00

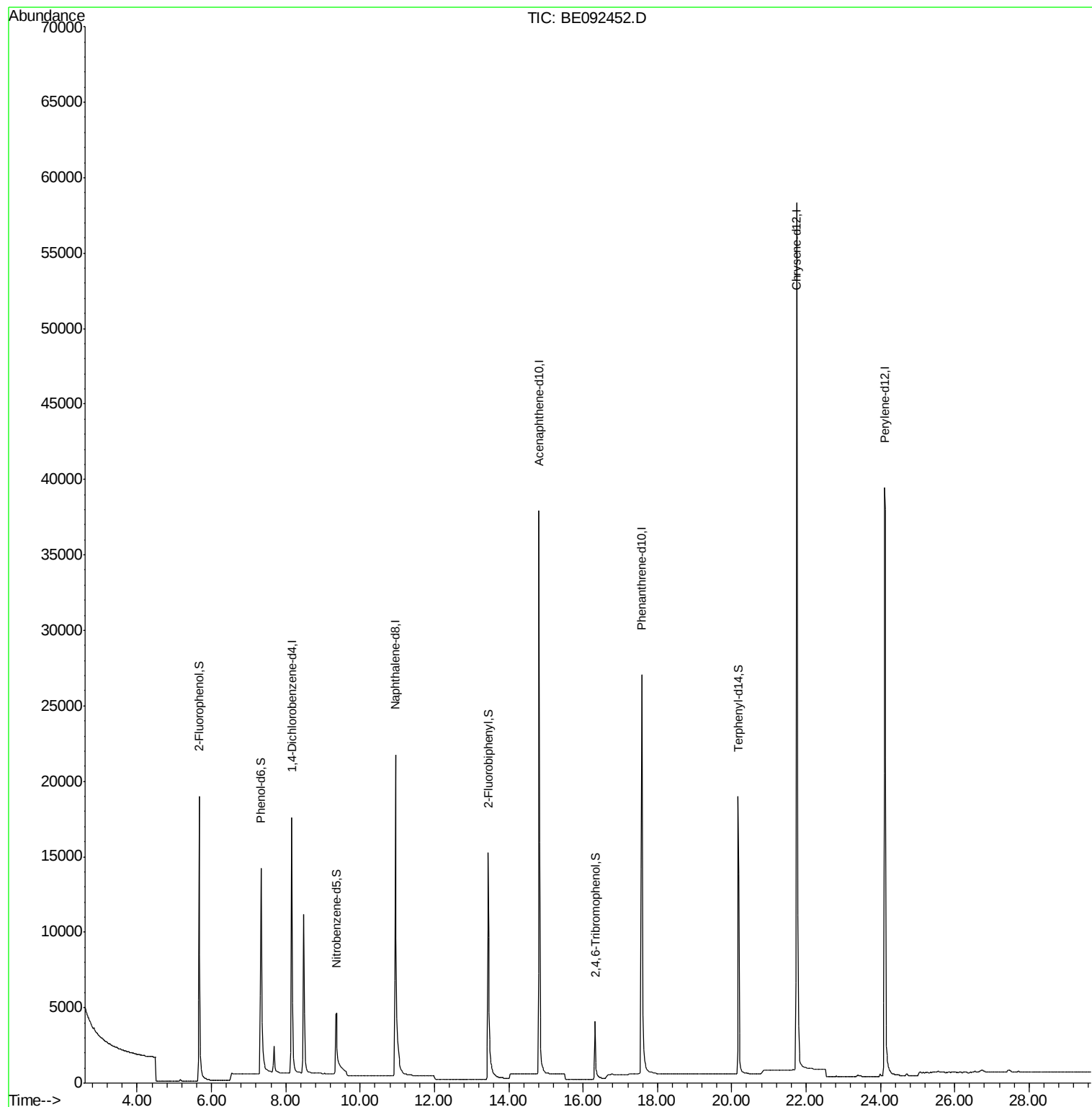
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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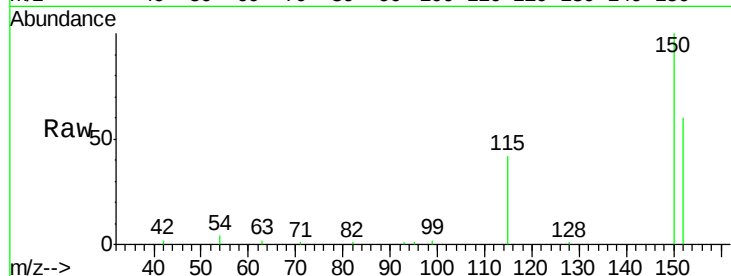


#1

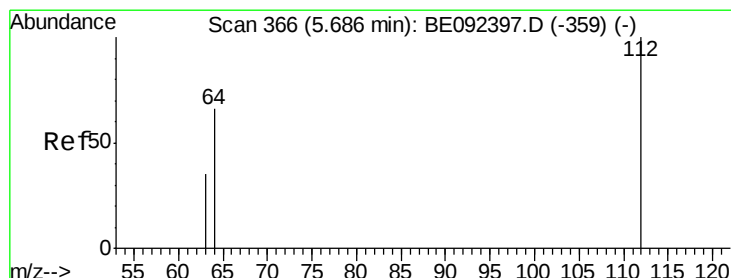
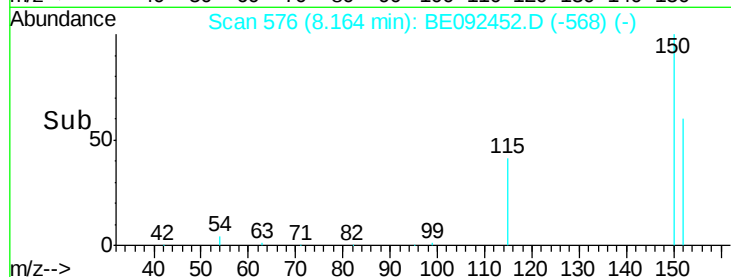
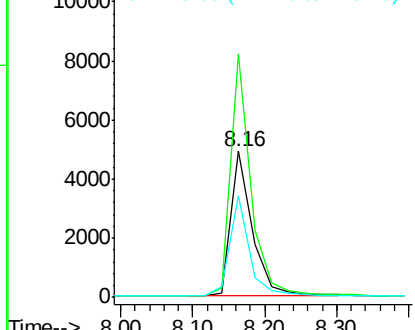
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092452.D
Acq: 7 Oct 2016 18:24

Instrument :
BNA_E
ClientSampled :
PB93405BL

Tot Ion:152 Resp: 10141
Ion Ratio Lower Upper
152 100
150 167.1 106.0 159.0#
115 69.3 31.2 46.8#



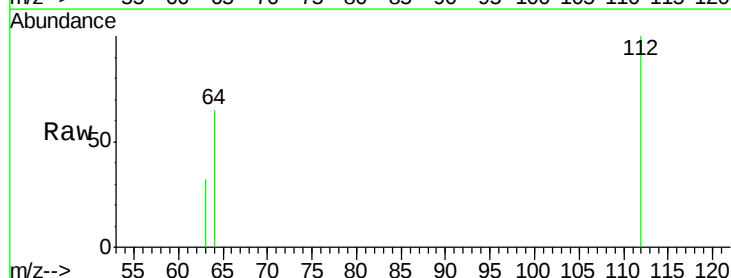
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



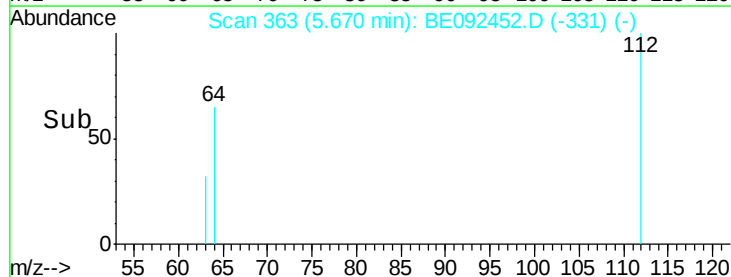
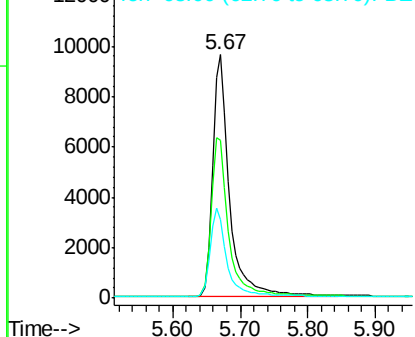
#4

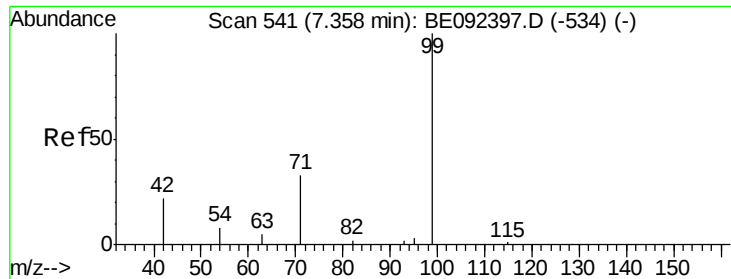
2-Fluorophenol
Concen: 7.20 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092452.D
Acq: 7 Oct 2016 18:24

Tgt Ion:112 Resp: 17195
Ion Ratio Lower Upper
112 100
64 68.0 53.5 80.3
63 36.5 27.9 41.9



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: 6.12 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092452.D

Acq: 7 Oct 2016 18:24

Instrument :

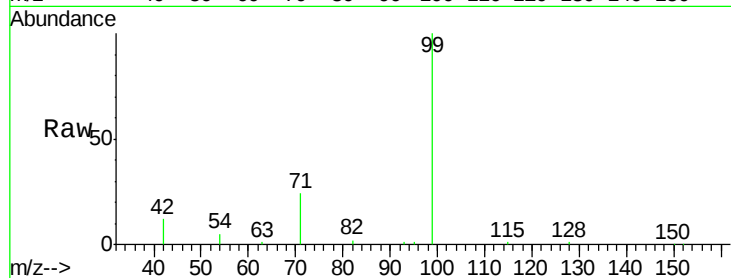
BNA_E

ClientSampleId :

PB93405BL

Tot Ion: 99 Resp: 20831

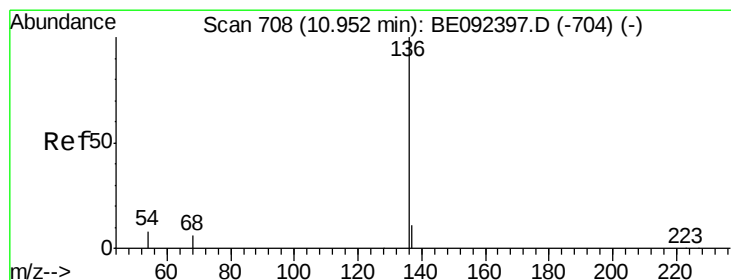
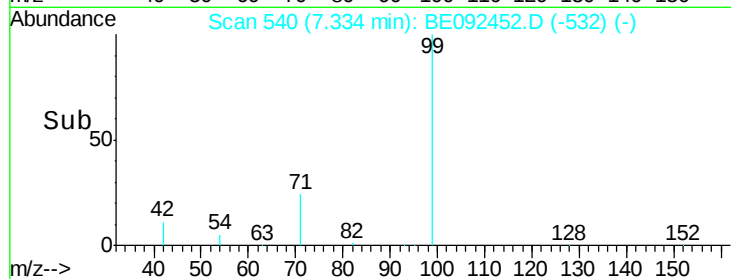
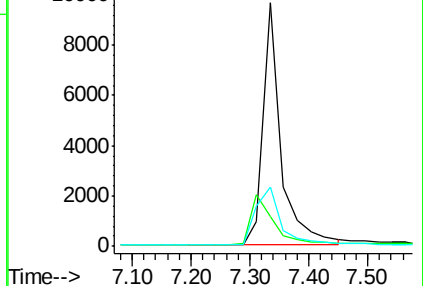
Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	33.6	30.6	45.8



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

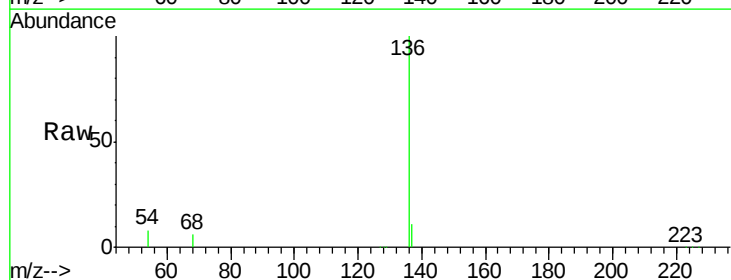
Delta R.T. -0.00 min

Lab File: BE092452.D

Acq: 7 Oct 2016 18:24

Tgt Ion: 136 Resp: 41269

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	8.3	9.6	14.4#
68	6.0	6.7	10.1#

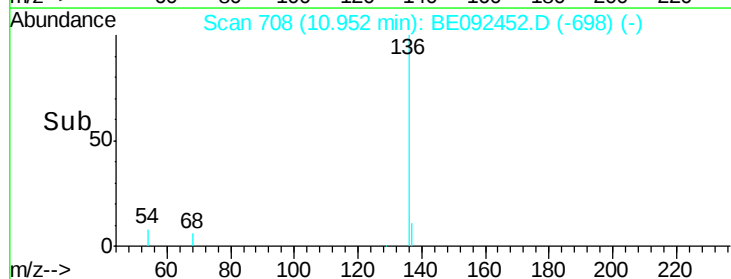
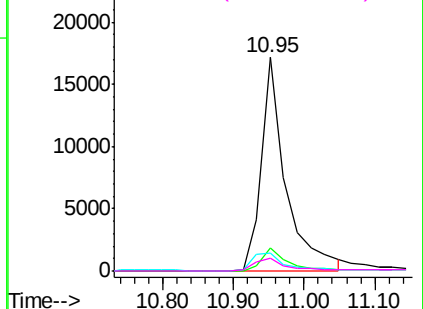


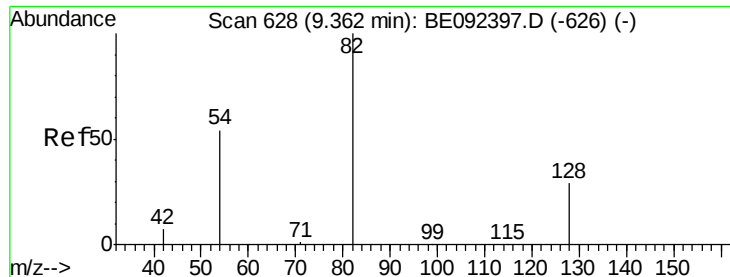
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.87 ng

RT: 9.36 min Scan# 628

Delta R.T. -0.00 min

Lab File: BE092452.D

Acq: 7 Oct 2016 18:24

Instrument :

BNA_E

ClientSampleID :

PB93405BL

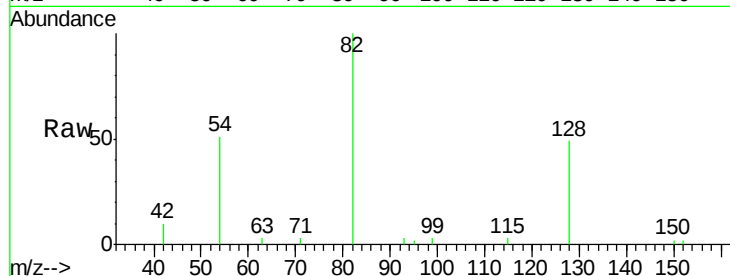
Tot Ion: 82 Resp: 8333

Ion Ratio Lower Upper

82 100

128 49.4 39.0 58.4

54 50.8 44.8 67.2

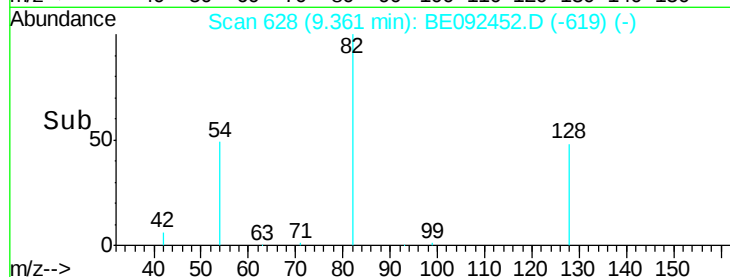


Abundance Ion 82.00 (81.70 to 82.70): BE092397.D (-626) (-)

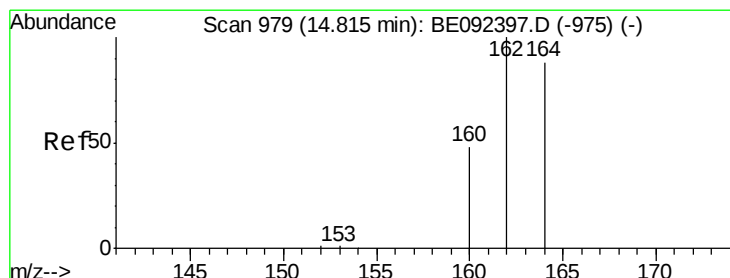
Ion 128.00 (127.70 to 128.70): BE092397.D (-626) (-)

Ion 54.00 (53.70 to 54.70): BE092397.D (-626) (-)

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092452.D

Acq: 7 Oct 2016 18:24

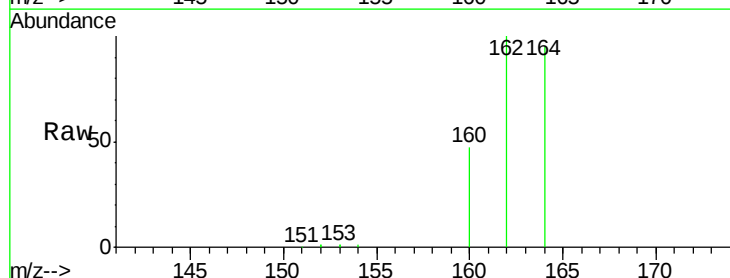
Tgt Ion:164 Resp: 27423

Ion Ratio Lower Upper

164 100

162 105.4 71.4 107.0

160 49.2 27.4 41.2

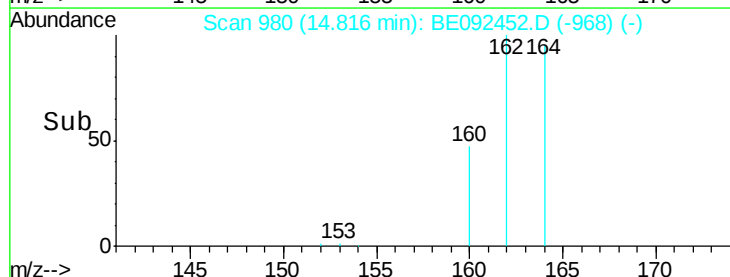


Abundance Ion 164.00 (163.70 to 164.70): BE092397.D (-975) (-)

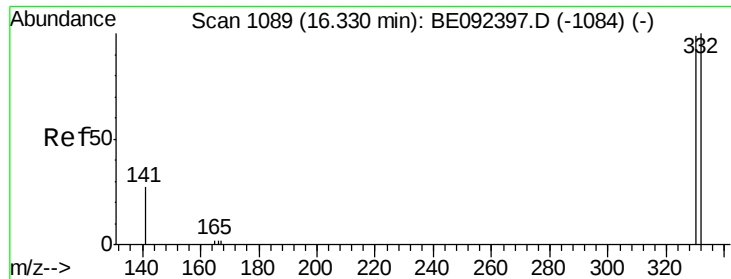
Ion 162.00 (161.70 to 162.70): BE092397.D (-975) (-)

Ion 160.00 (159.70 to 160.70): BE092397.D (-975) (-)

Time-->



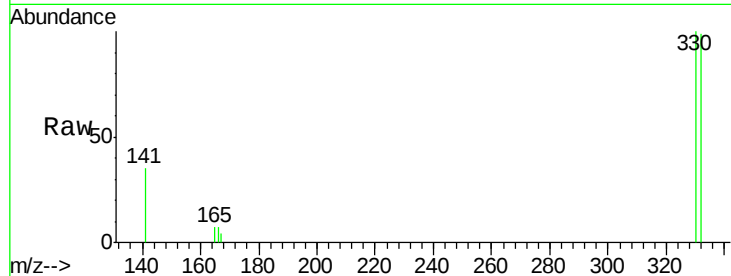
Time-->



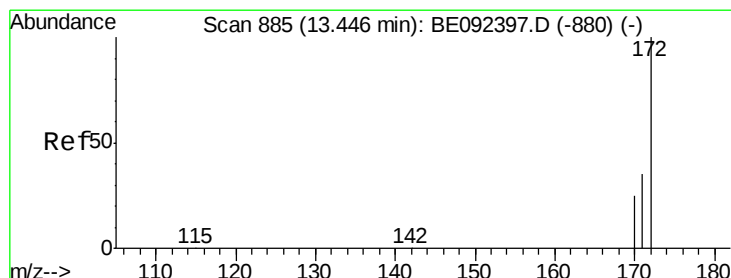
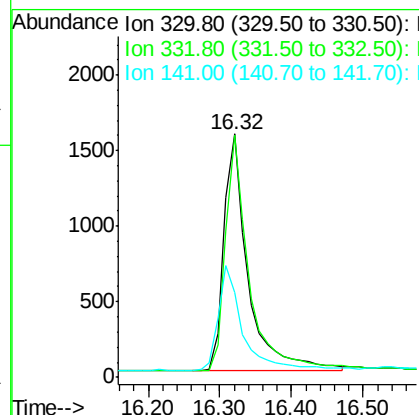
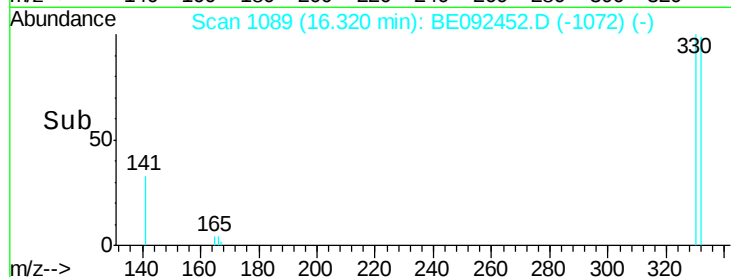
#13
 2,4,6-Tribromophenol
 Concen: 3.90 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092452.D
 Acq: 7 Oct 2016 18:24

Instrument :
 BNA_E
 ClientSampleId :
 PB93405BL

Tot Ion:330 Resp: 3708
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 44.1 31.0 46.6

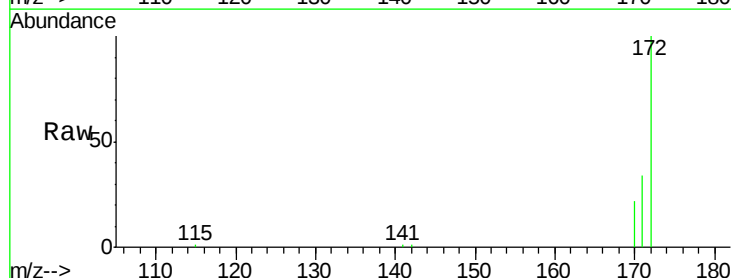


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

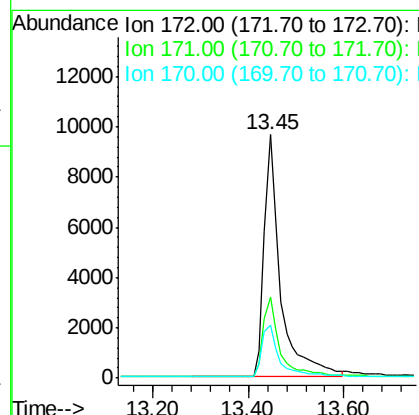
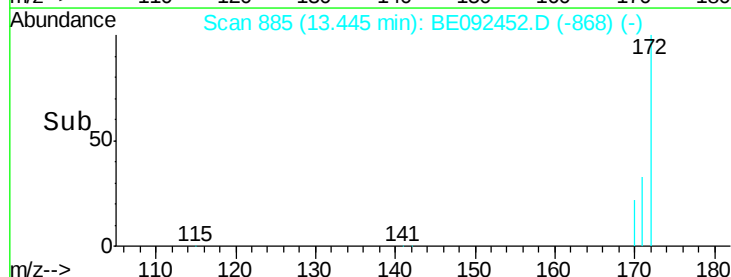


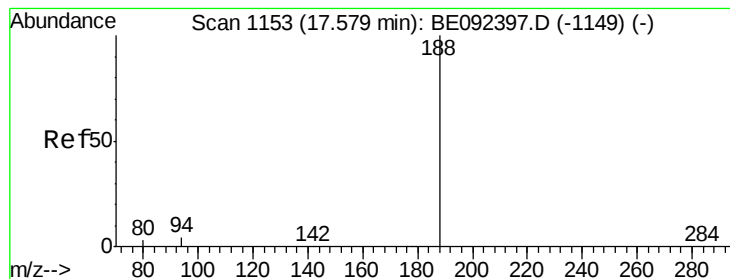
#14
 2-Fluorobiphenyl
 Concen: 3.55 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092452.D
 Acq: 7 Oct 2016 18:24

Tgt Ion:172 Resp: 23062
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.1 45.1
 170 21.9 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. 0.02 min

Lab File: BE092452.D

Acq: 7 Oct 2016 18:24

Instrument :

BNA_E

ClientSampleId :

PB93405BL

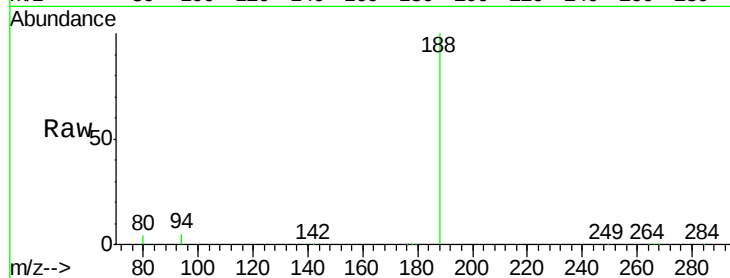
Tot Ion:188 Resp: 53058

Ion Ratio Lower Upper

188 100

94 4.5 3.2 4.8

80 4.1 2.6 3.8#

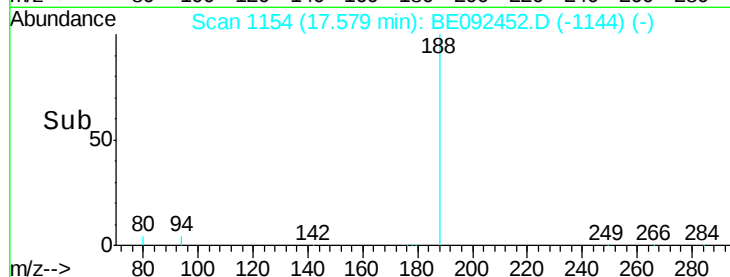


Abundance Ion 188.00 (187.70 to 188.70): E

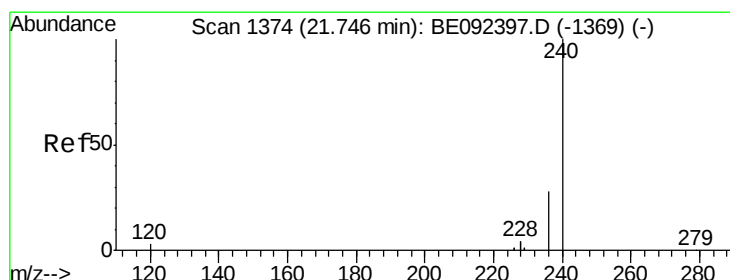
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

Time--> 17.40 17.50 17.60 17.70



Time--> 17.40 17.50 17.60 17.70



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092452.D

Acq: 7 Oct 2016 18:24

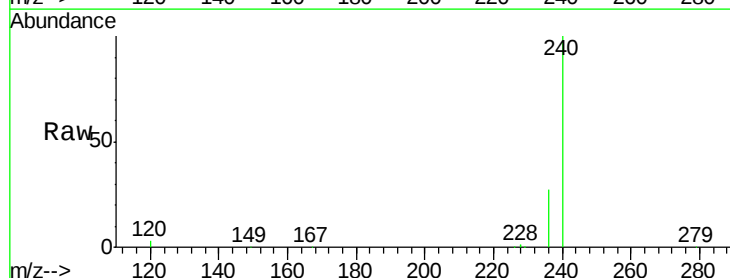
Tgt Ion:240 Resp: 75535

Ion Ratio Lower Upper

240 100

120 3.3 2.6 4.0

236 27.1 24.6 37.0

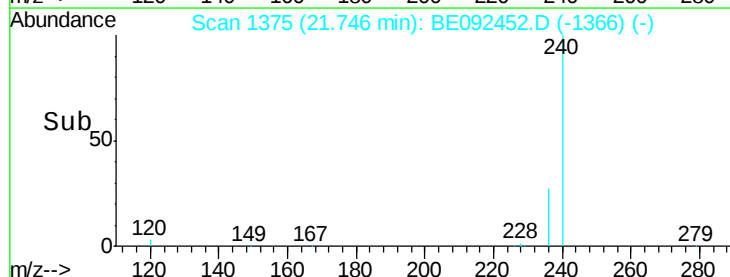


Abundance Ion 240.00 (239.70 to 240.70): E

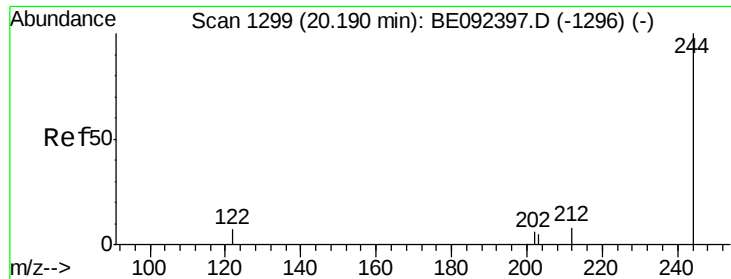
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 21.60 21.80



Time--> 21.60 21.80



#26

Terphenyl-d14

Concen: 3.34 ng

RT: 20.17 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BE092452.D

Acq: 7 Oct 2016 18:24

Instrument :

BNA_E

ClientSampleId :

PB93405BL

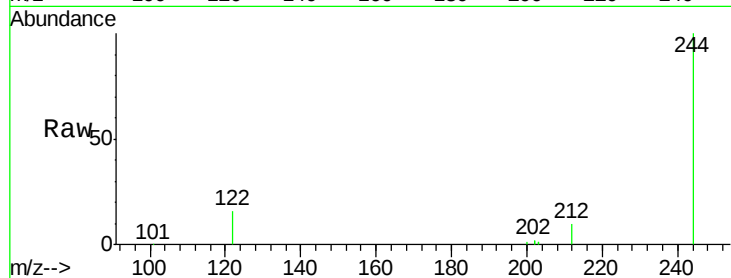
Tot Ion:244 Resp: 31282

Ion Ratio Lower Upper

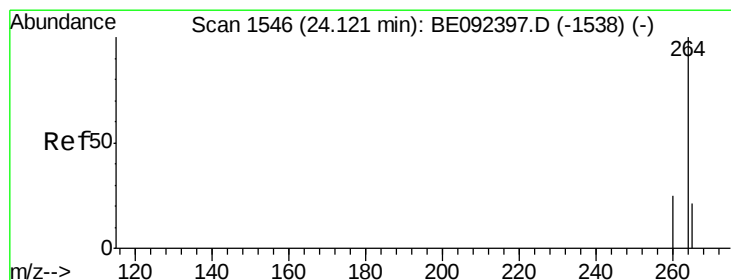
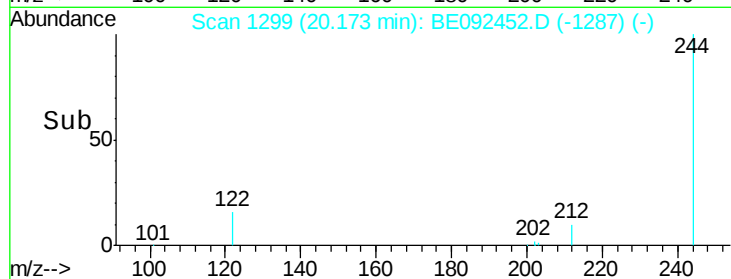
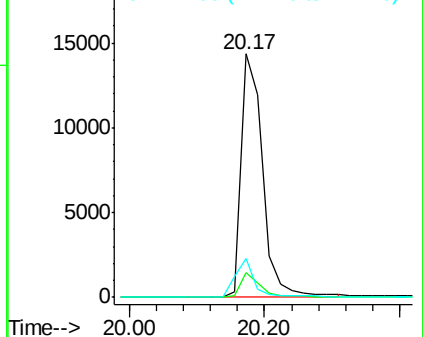
244 100

212 10.1 6.7 10.1

122 16.2 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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.11 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BE092452.D

Acq: 7 Oct 2016 18:24

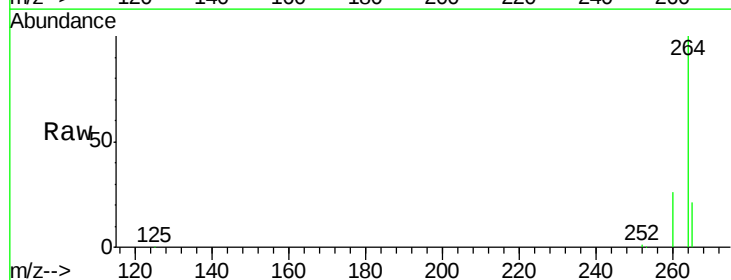
Tgt Ion:264 Resp: 66706

Ion Ratio Lower Upper

264 100

260 26.1 20.1 30.1

265 20.8 17.9 26.9



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

