

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
 Data File : BE092543.D
 Acq On : 16 Nov 2016 20:56
 Operator : UM/SJ
 Sample : H5636-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS073042

Quant Time: Nov 17 05:01:15 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 15:43:18 2016
 Response via : Initial Calibration

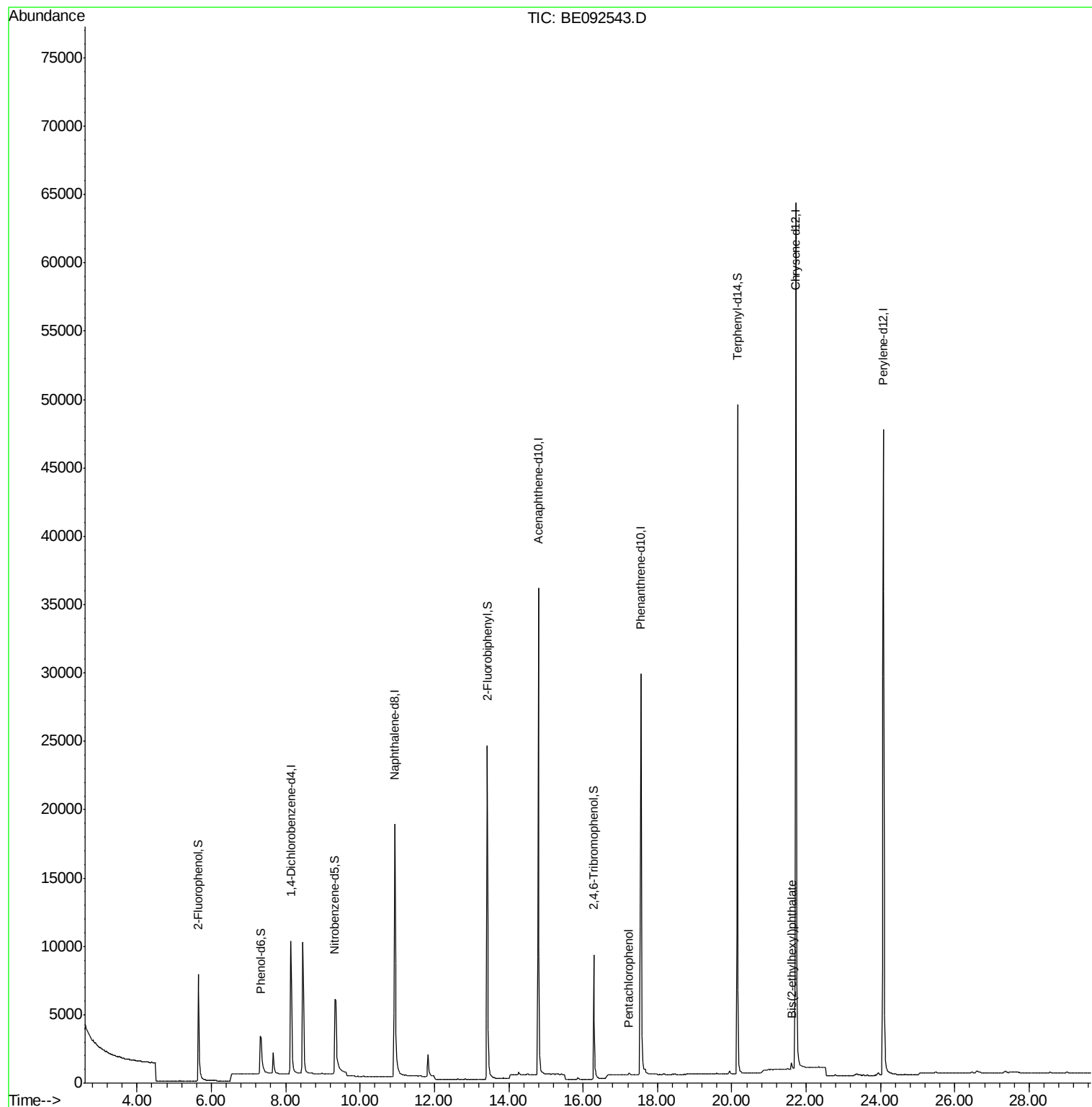
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7439	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	34278	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	23161	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	51173	5.00	ng	0.00
24) Chrysene-d12	21.72	240	76498	5.00	ng	0.00
31) Perylene-d12	24.08	264	69266	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	8017	6.38	ng	-0.02
5) Phenol-d6	7.33	99	6385	3.12	ng	-0.02
8) Nitrobenzene-d5	9.32	82	11775	5.29	ng	-0.05
13) 2,4,6-Tribromophenol	16.29	330	7030	13.53	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	30892	5.47	ng	-0.01
26) Terphenyl-d14	20.16	244	55731	6.37	ng	-0.02
Target Compounds						
20) Pentachlorophenol	17.23	266	192	0.59	ng	Qvalue 98
29) Bis(2-ethylhexyl)phthalate	21.61	149	624	0.24	ng	# 74

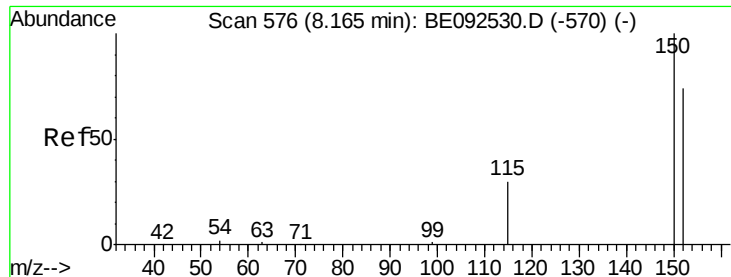
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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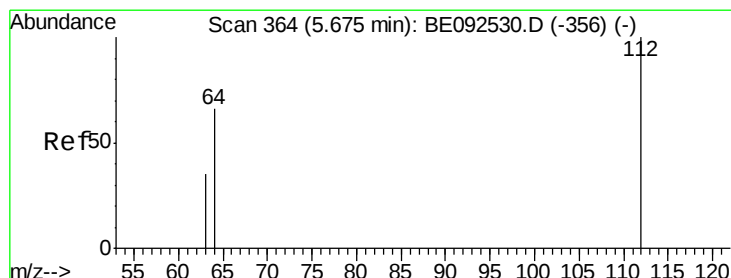
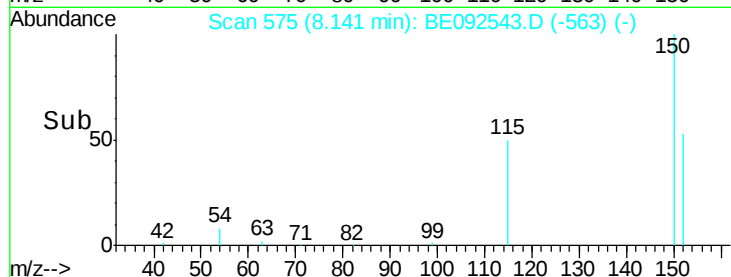
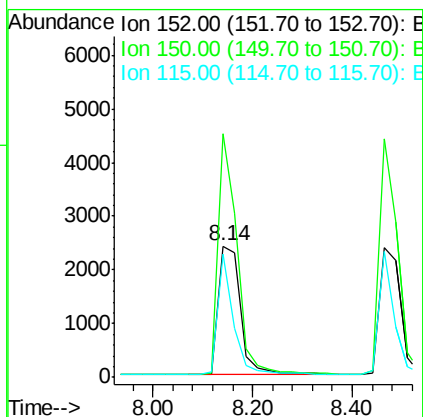
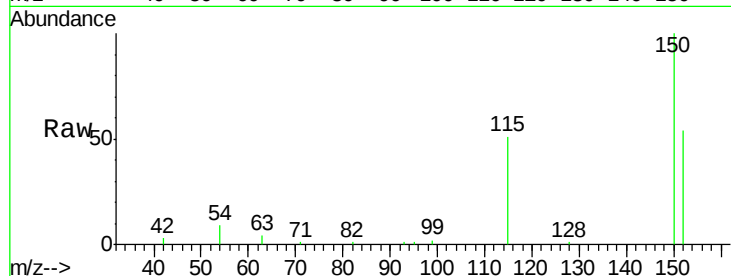


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092543.D
Acq: 16 Nov 2016 20:56

Instrument :
BNA_E
ClientSampleId :
CPS073042

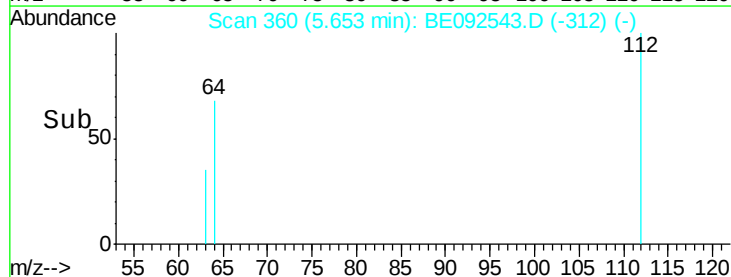
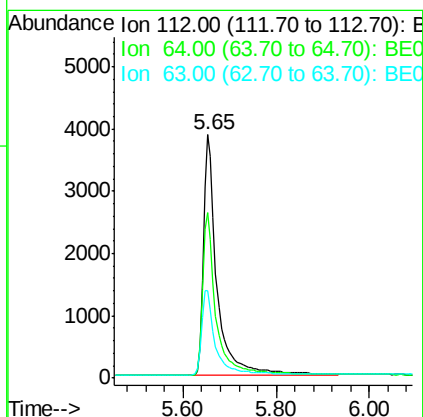
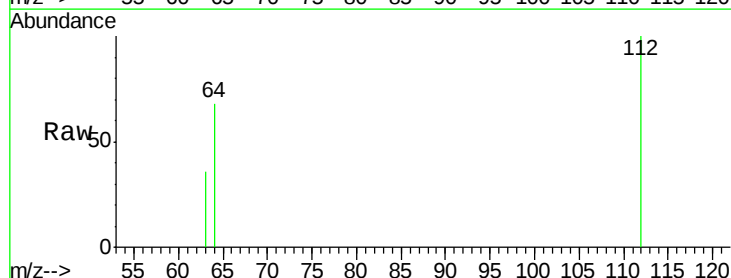
Tot Ion:152 Resp: 7439
Ion Ratio Lower Upper
152 100
150 185.6 106.0 159.0#
115 94.0 31.2 46.8#

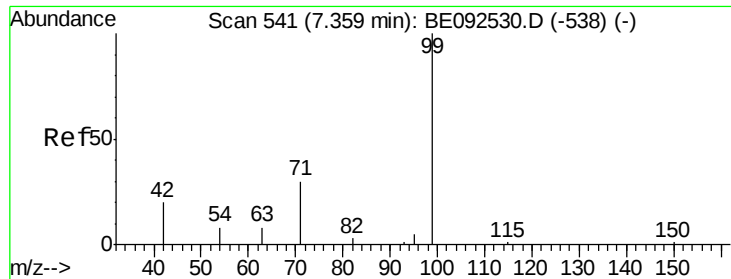


#4

2-Fluorophenol
Concen: 6.38 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.02 min
Lab File: BE092543.D
Acq: 16 Nov 2016 20:56

Tgt Ion:112 Resp: 8017
Ion Ratio Lower Upper
112 100
64 67.7 53.5 80.3
63 36.1 27.9 41.9





#5

Phenol-d6

Concen: 3.12 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092543.D

Acq: 16 Nov 2016 20:56

Instrument :

BNA_E

ClientSampleId :

CPS073042

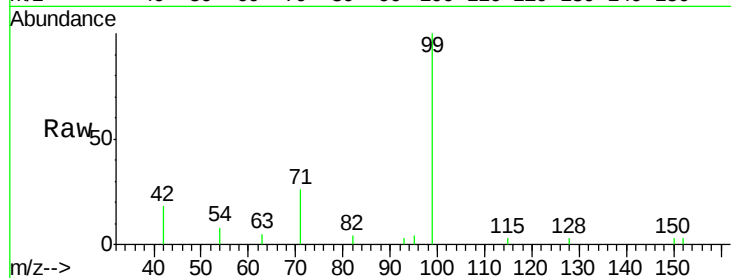
Tot Ion: 99 Resp: 6385

Ion Ratio Lower Upper

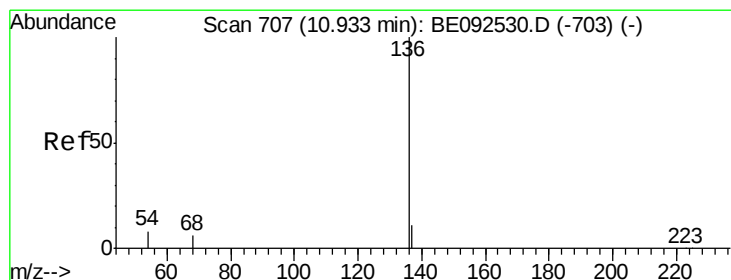
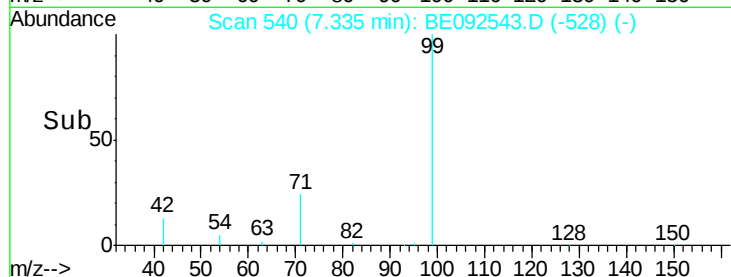
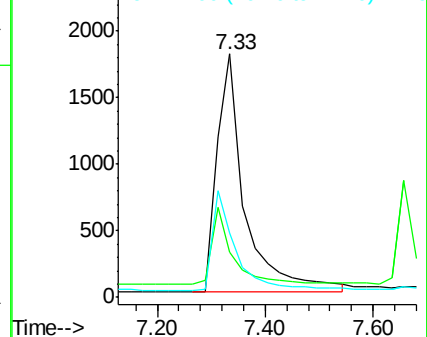
99 100

42 0.0 16.0 24.0#

71 0.0 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: 10.93 min Scan# 707

Delta R.T. -0.00 min

Lab File: BE092543.D

Acq: 16 Nov 2016 20:56

Tgt Ion: 136 Resp: 34278

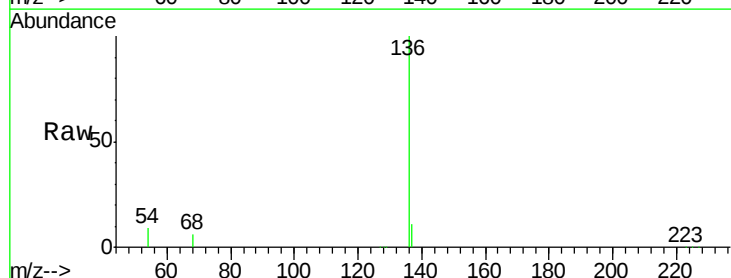
Ion Ratio Lower Upper

136 100

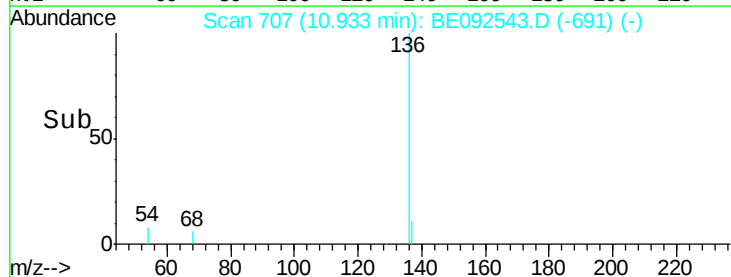
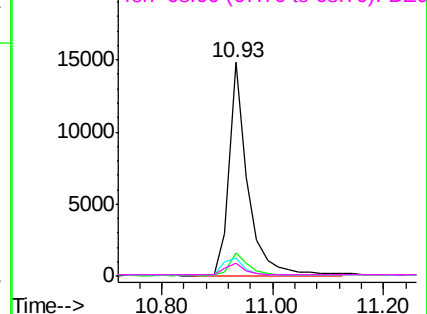
137 11.0 8.2 12.4

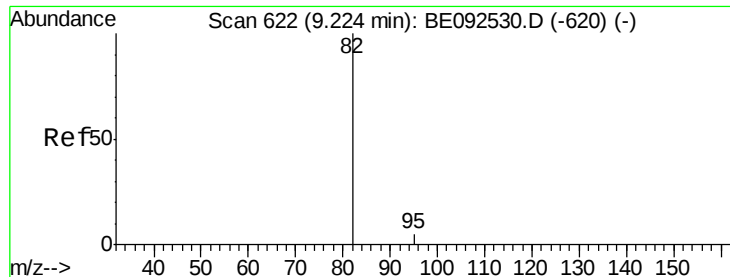
54 8.5 9.6 14.4#

68 6.1 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: 5.29 ng

RT: 9.32 min Scan# 626

Delta R.T. -0.05 min

Lab File: BE092543.D

Acq: 16 Nov 2016 20:56

Instrument :

BNA_E

ClientSampleId :

CPS073042

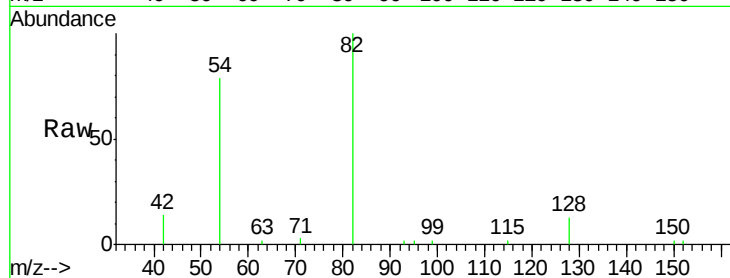
Tot Ion: 82 Resp: 11775

Ion Ratio Lower Upper

82 100

128 13.3 39.0 58.4#

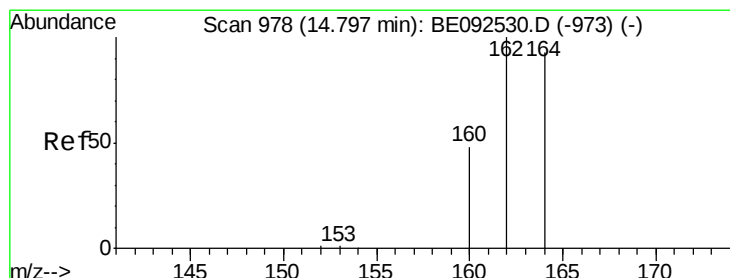
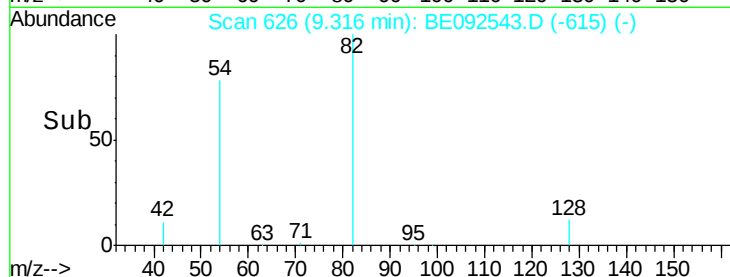
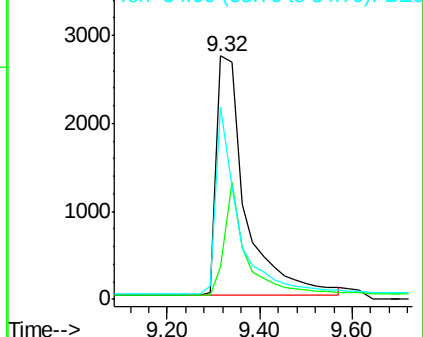
54 78.8 44.8 67.2#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092543.D

Acq: 16 Nov 2016 20:56

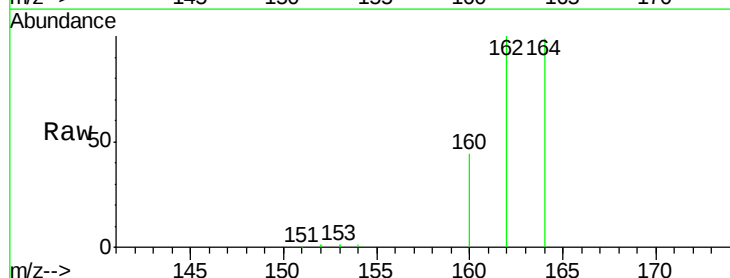
Tgt Ion: 164 Resp: 23161

Ion Ratio Lower Upper

164 100

162 101.2 71.4 107.0

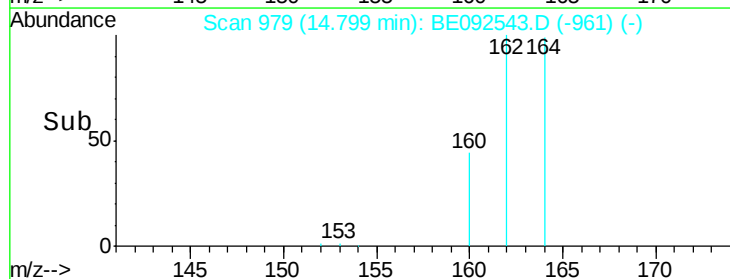
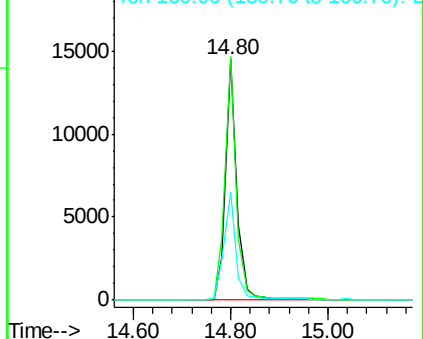
160 44.8 27.4 41.2#

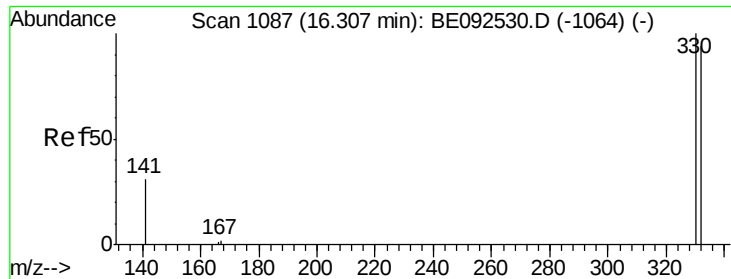


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

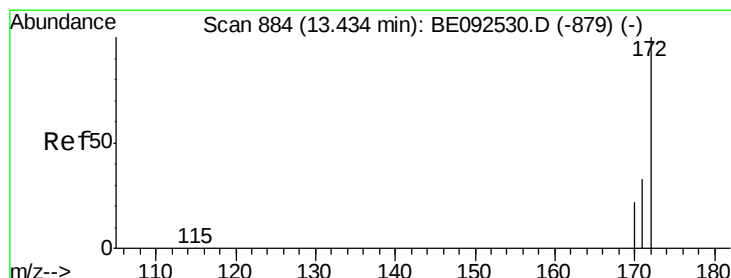
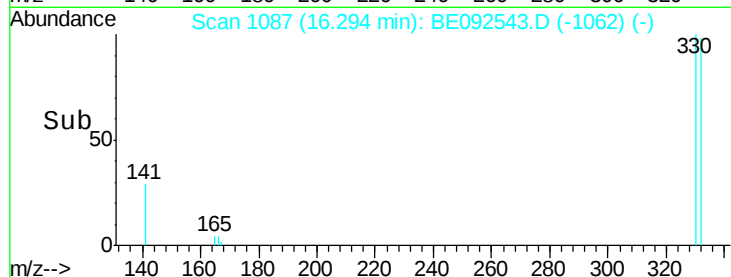
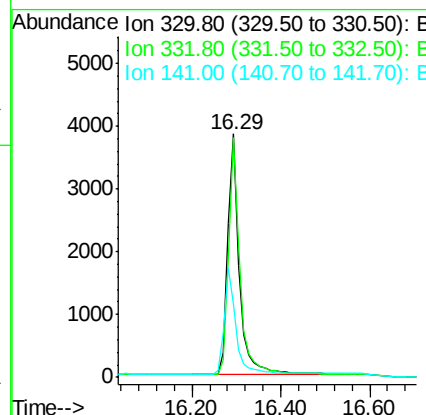
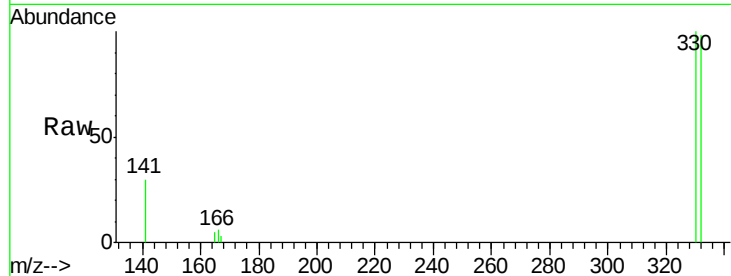




#13
 2,4,6-Tribromophenol
 Concen: 13.53 ng
 RT: 16.29 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092543.D
 Acq: 16 Nov 2016 20:56

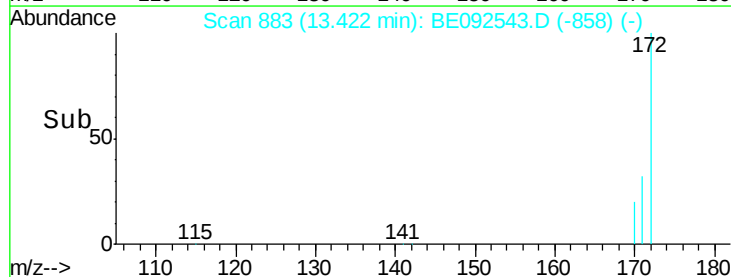
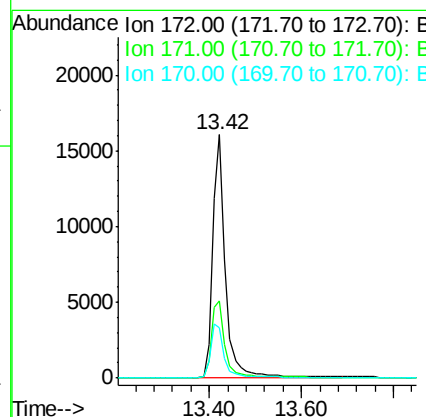
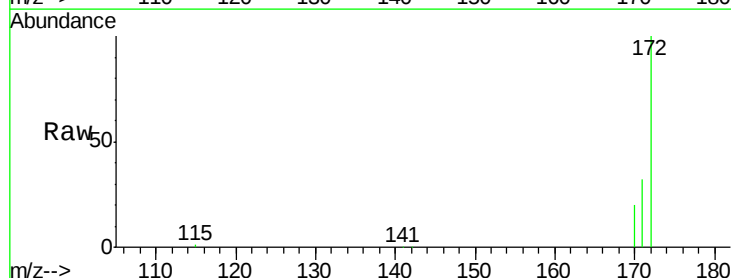
Instrument :
 BNA_E
 ClientSampleId :
 CPS073042

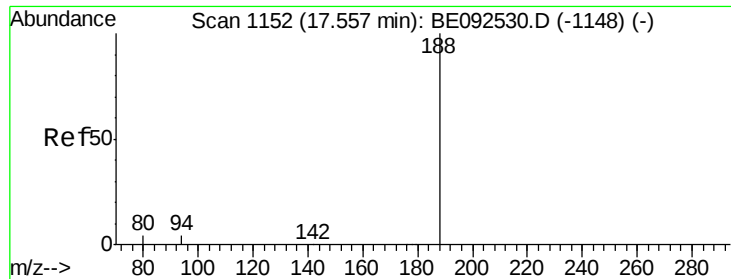
Tot Ion:330 Resp: 7030
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.4 113.0
 141 44.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.47 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092543.D
 Acq: 16 Nov 2016 20:56

Tgt Ion:172 Resp: 30892
 Ion Ratio Lower Upper
 172 100
 171 32.0 30.1 45.1
 170 20.5 21.8 32.6#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092543.D

Acq: 16 Nov 2016 20:56

Instrument :

BNA_E

ClientSampleId :

CPS073042

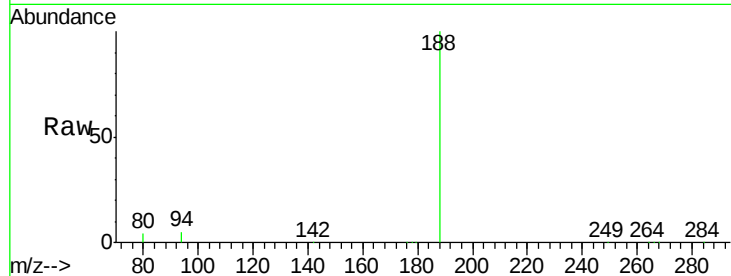
Tot Ion:188 Resp: 51173

Ion Ratio Lower Upper

188 100

94 4.7 3.2 4.8

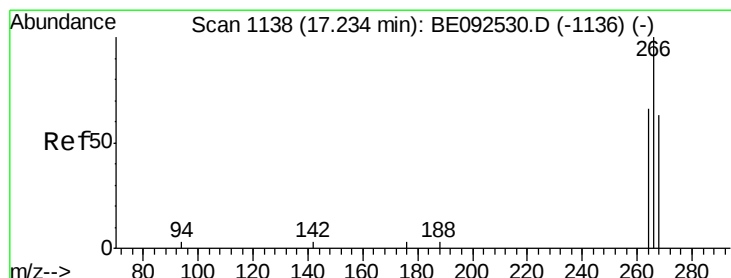
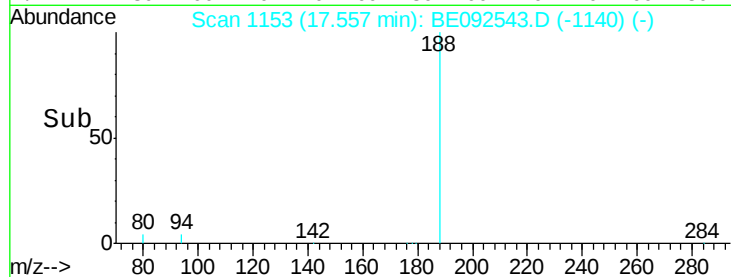
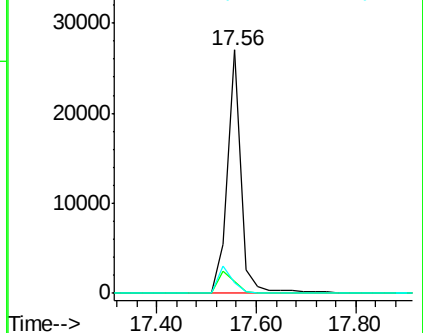
80 4.2 2.6 3.8#



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: 0.59 ng

RT: 17.23 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE092543.D

Acq: 16 Nov 2016 20:56

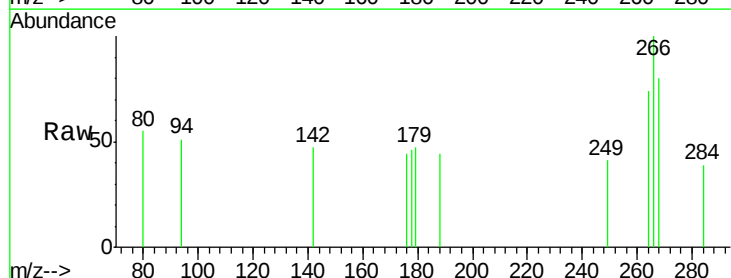
Tgt Ion:266 Resp: 192

Ion Ratio Lower Upper

266 100

268 79.8 62.5 93.7

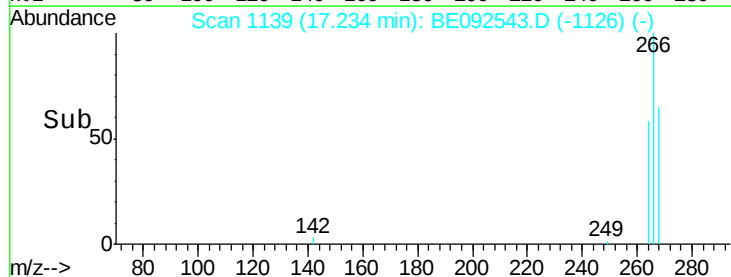
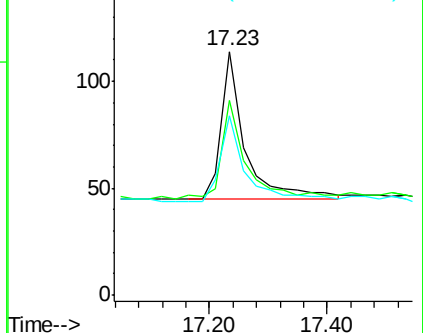
264 73.7 57.2 85.8

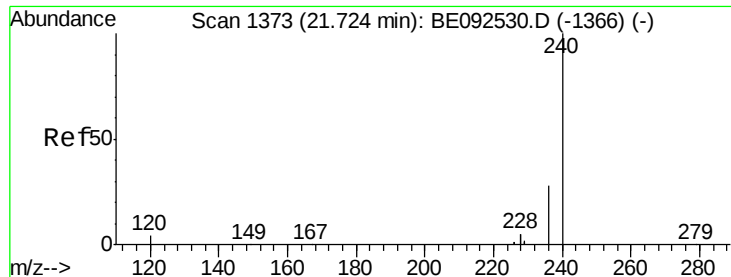


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.72 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092543.D

Acq: 16 Nov 2016 20:56

Instrument :

BNA_E

ClientSampleId :

CPS073042

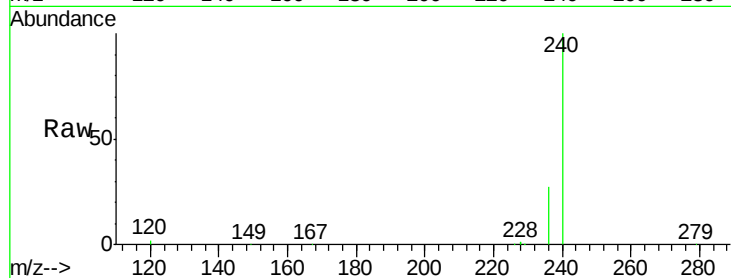
Tot Ion:240 Resp: 76498

Ion Ratio Lower Upper

240 100

120 2.5 2.6 4.0#

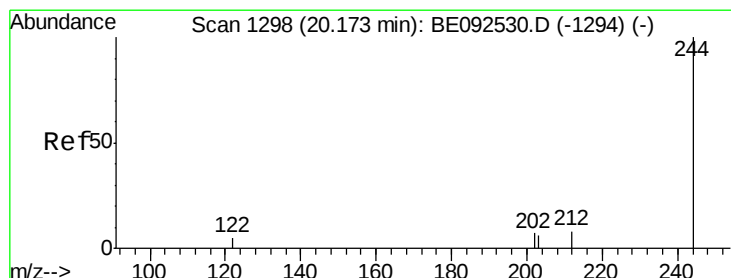
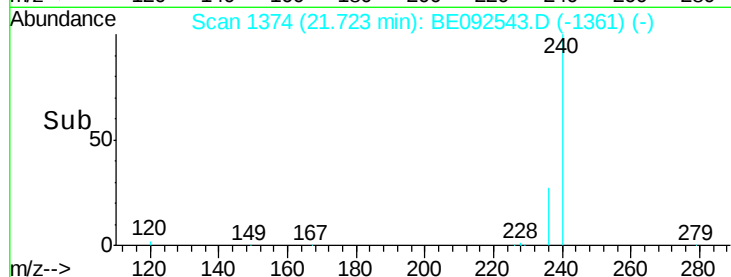
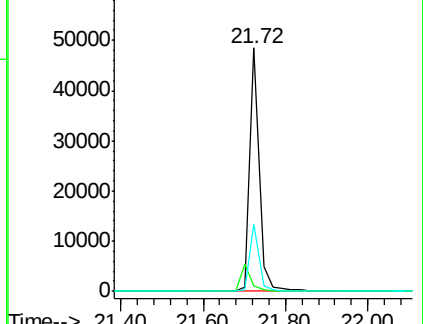
236 27.3 24.6 37.0



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: 6.37 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092543.D

Acq: 16 Nov 2016 20:56

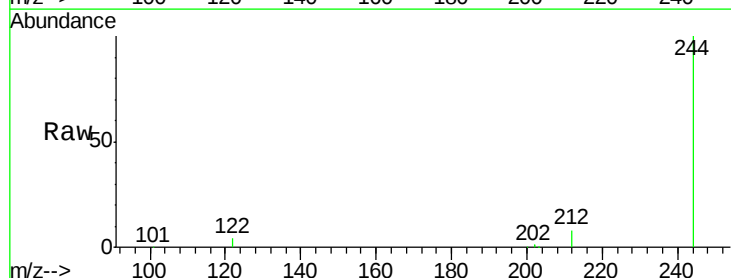
Tgt Ion:244 Resp: 55731

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

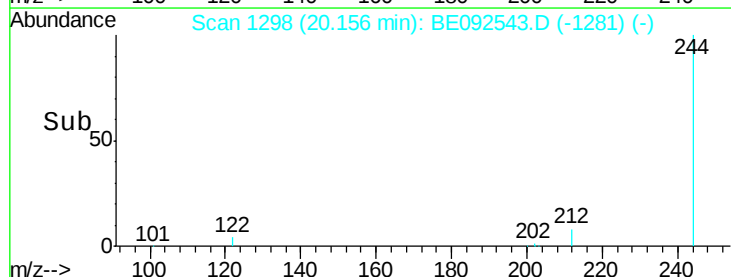
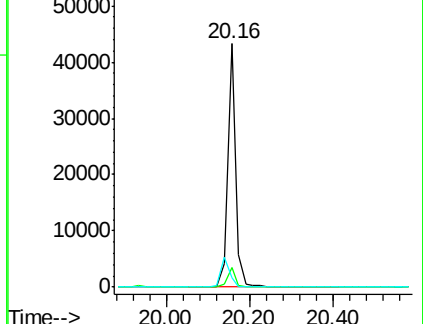
122 4.0 3.6 5.4

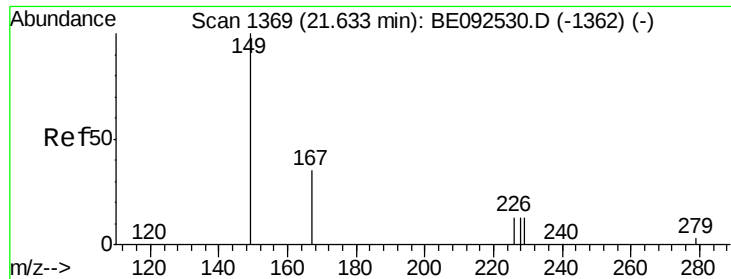


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

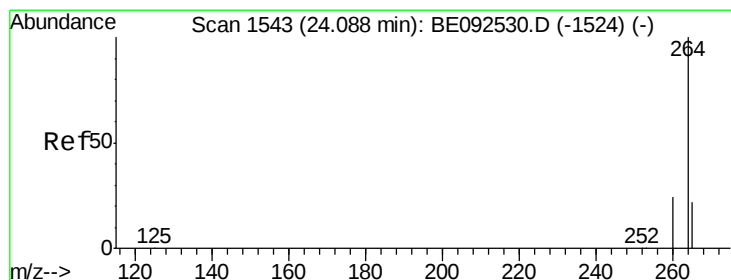
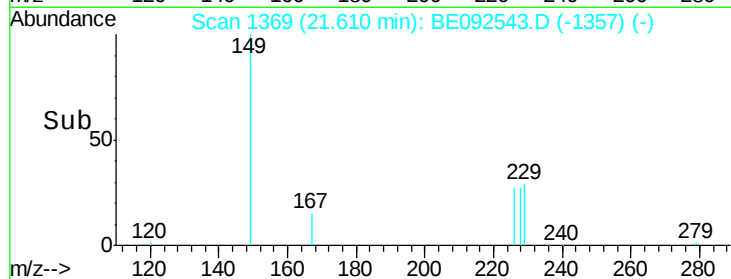
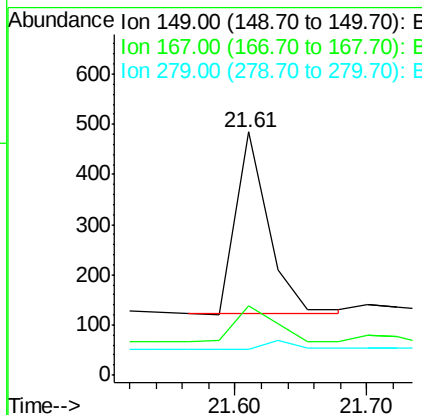
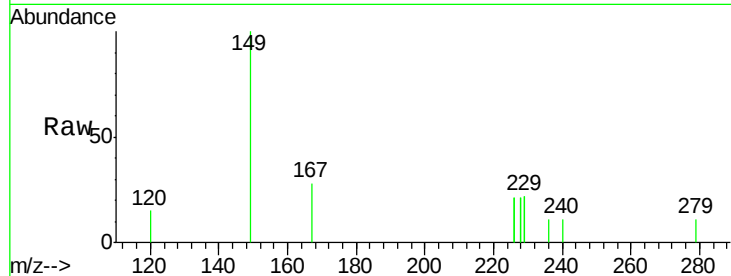




#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.61 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BE092543.D
 Acq: 16 Nov 2016 20:56

Instrument :
 BNA_E
 ClientSampleId :
 CPS073042

Tot Ion:149 Resp: 624
 Ion Ratio Lower Upper
 149 100
 167 23.6 16.0 24.0
 279 0.0 16.0 24.0#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.08 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BE092543.D
 Acq: 16 Nov 2016 20:56

Tgt Ion:264 Resp: 69266
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.1 30.1
 265 21.7 17.9 26.9

