

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051217\
 Data File : BE093020.D
 Acq On : 12 May 2017 16:25
 Operator : SJ/MA
 Sample : I3079-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0399-170509

Quant Time: May 12 17:47:49 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:48:08 2017
 Response via : Initial Calibration

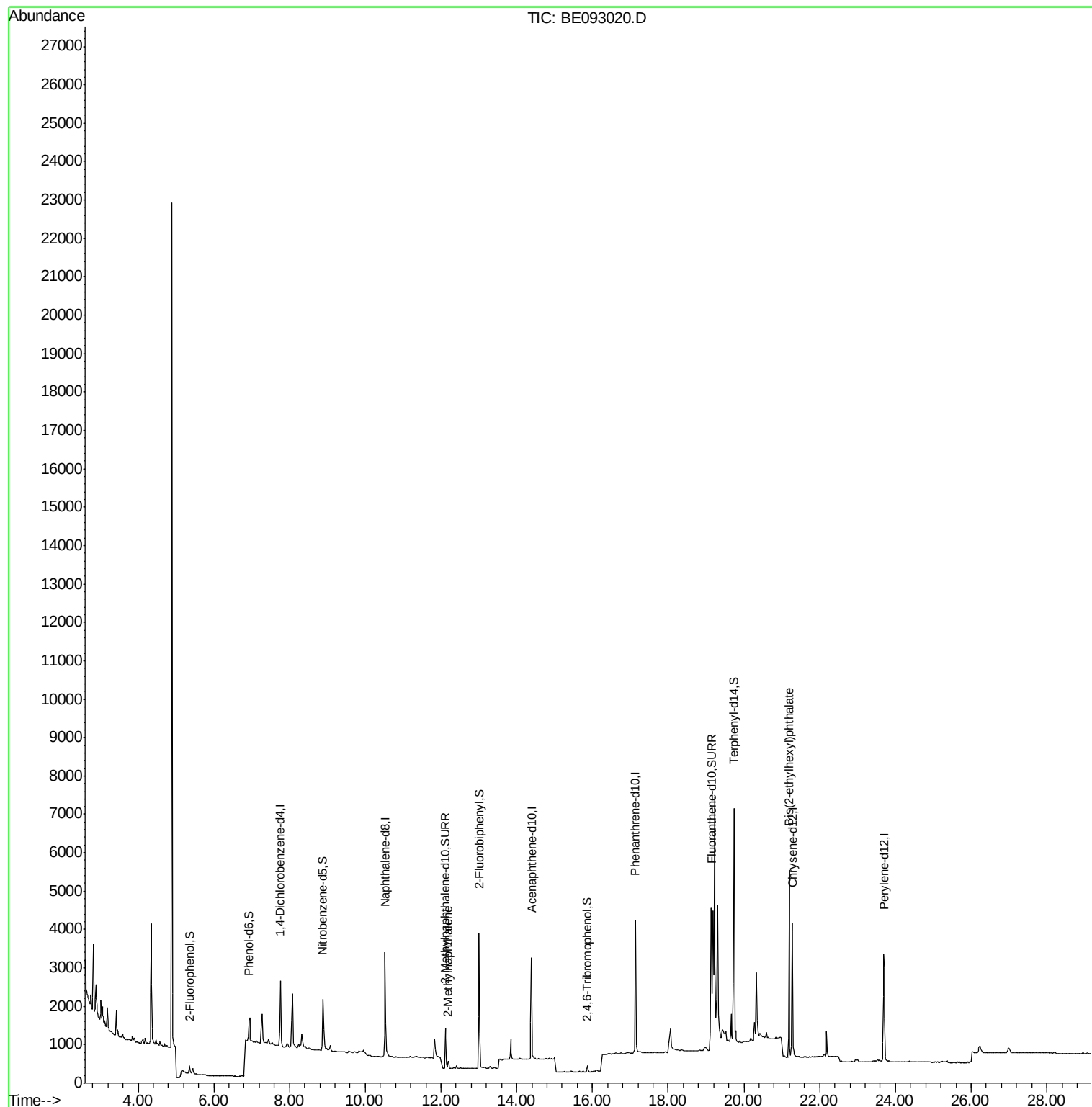
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	845	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3544	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1740	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5331	0.40	ng	0.00
27) Chrysene-d12	21.28	240	5294	0.40	ng	0.00
34) Perylene-d12	23.69	264	4480	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	134	0.06	ng	0.00
5) Phenol-d6	6.92	99	192	0.07	ng	-0.02
8) Nitrobenzene-d5	8.88	82	1205	0.43	ng	-0.02
11) 2-Methylnaphthalene-d10	12.11	152	1665	0.33	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	93	0.20	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	3222	0.47	ng	0.00
25) Fluoranthene-d10	19.14	212	4770	0.34	ng	-0.02
29) Terphenyl-d14	19.74	244	7518	0.80	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.19	142	140	0.03	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.20	149	4584	0.80	ng	# 96

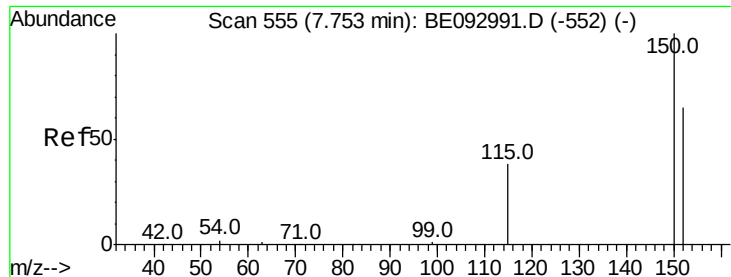
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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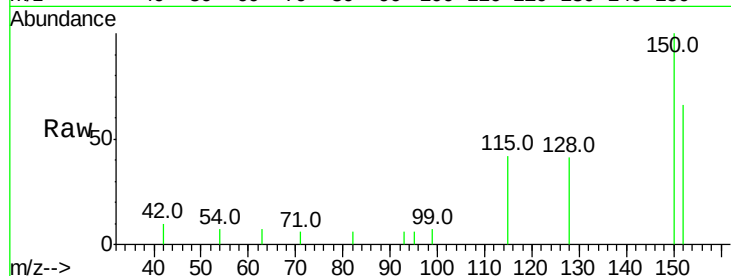


#1

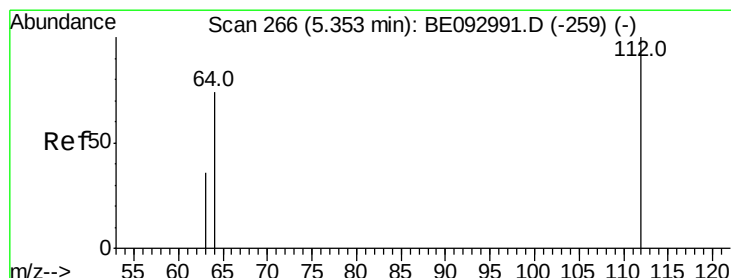
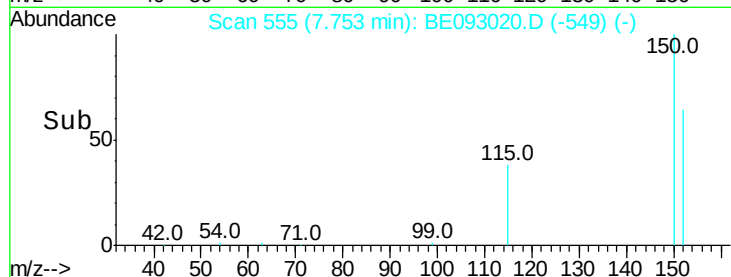
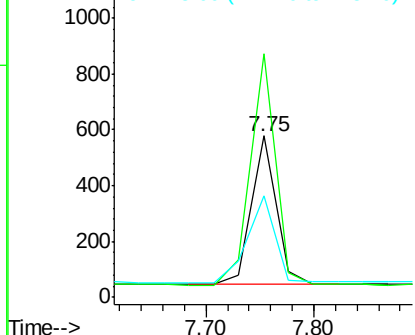
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE093020.D
Acq: 12 May 2017 16:25

Instrument :
BNA_E
ClientSampleId :
DUP-0399-170509

Tot Ion:152 Resp: 845
Ion Ratio Lower Upper
152 100
150 150.9 125.1 187.7
115 63.1 55.7 83.5



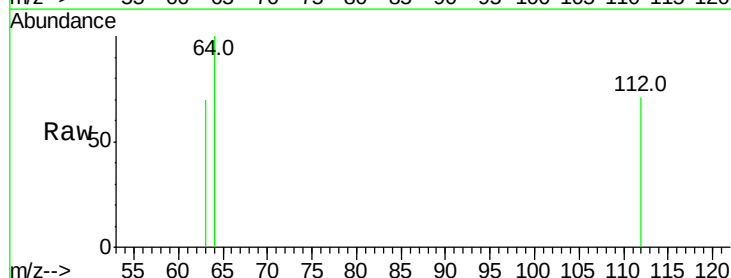
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



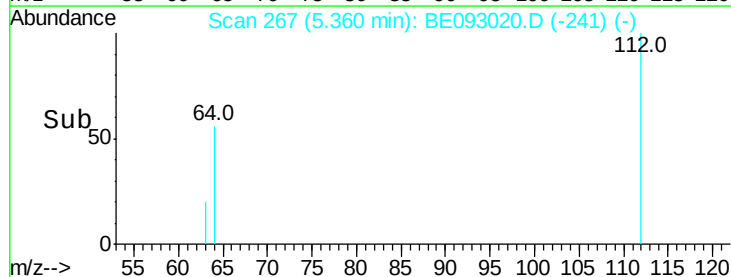
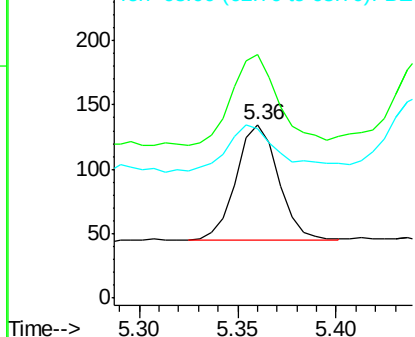
#4

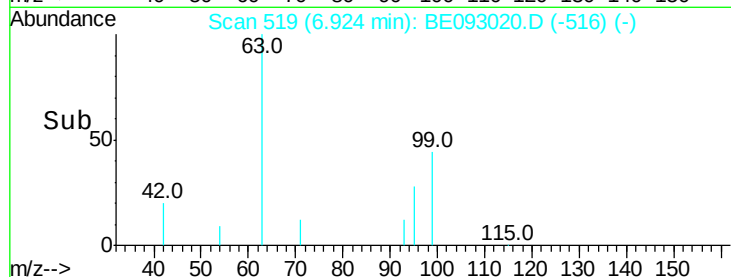
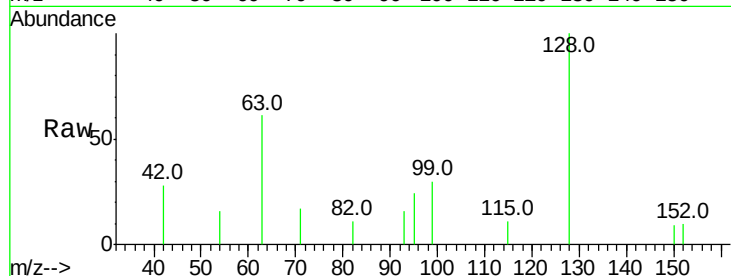
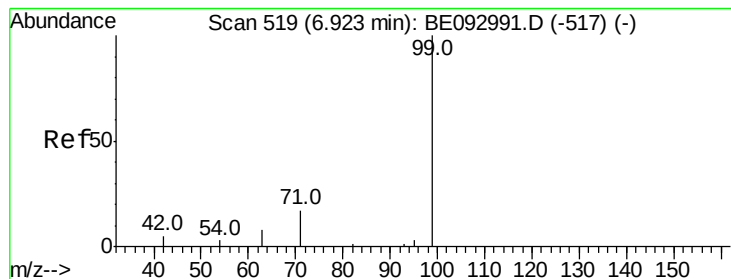
2-Fluorophenol
Concen: 0.06 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE093020.D
Acq: 12 May 2017 16:25

Tgt Ion:112 Resp: 134
Ion Ratio Lower Upper
112 100
64 87.3 56.4 84.6#
63 53.7 29.3 43.9#



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: 0.07 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

Instrument :

BNA_E

ClientSampleId :

DUP-0399-170509

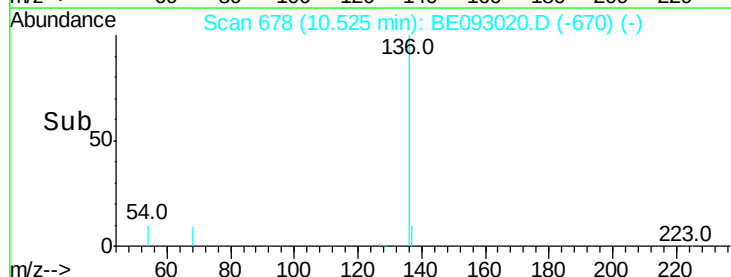
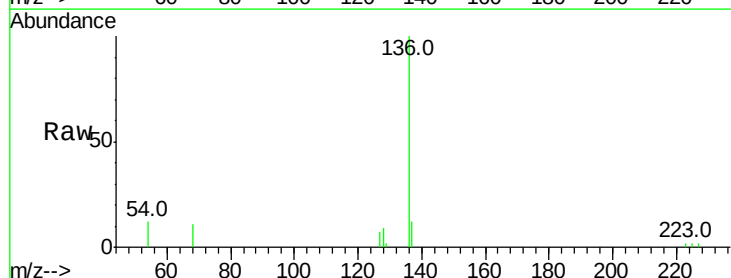
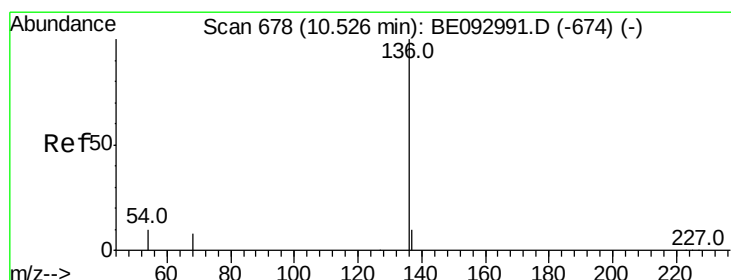
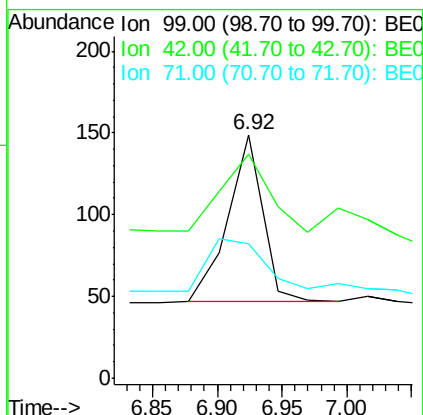
Tot Ion: 99 Resp: 192

Ion Ratio Lower Upper

99 100

42 64.1 0.0 0.0#

71 0.0 0.0 0.0



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

Tgt Ion:136 Resp: 3544

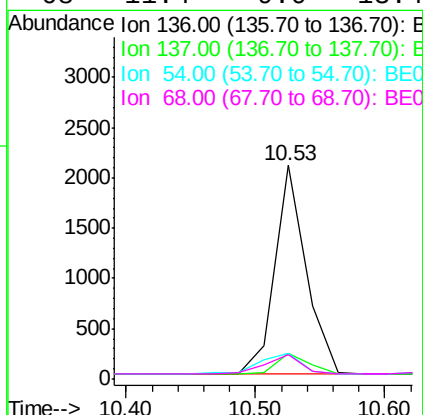
Ion Ratio Lower Upper

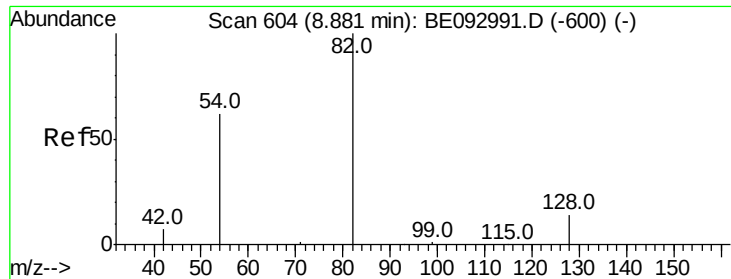
136 100

137 12.3 9.8 14.8

54 12.1 10.3 15.5

68 11.4 9.0 13.4





#8

Nitrobenzene-d5

Concen: 0.43 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

Instrument :

BNA_E

ClientSampleId :

DUP-0399-170509

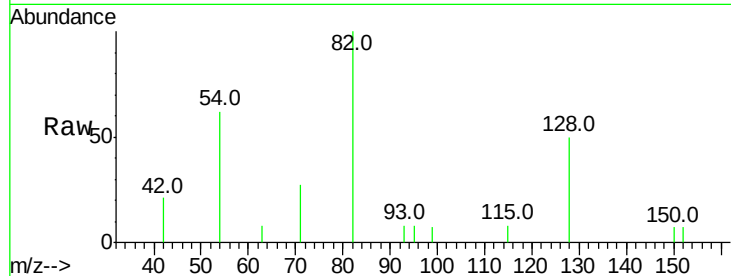
Tot Ion: 82 Resp: 1205

Ion Ratio Lower Upper

82 100

128 50.4 17.0 25.4#

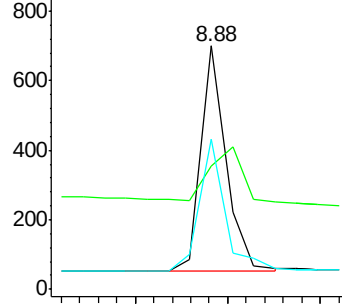
54 61.6 53.8 80.6



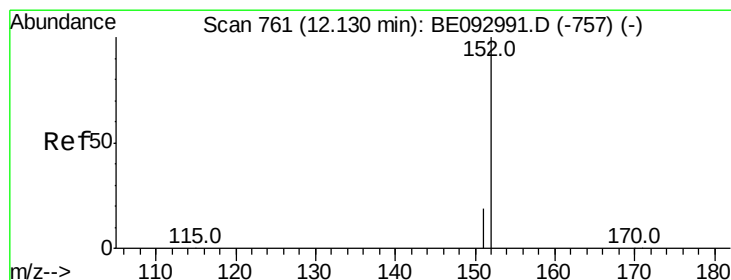
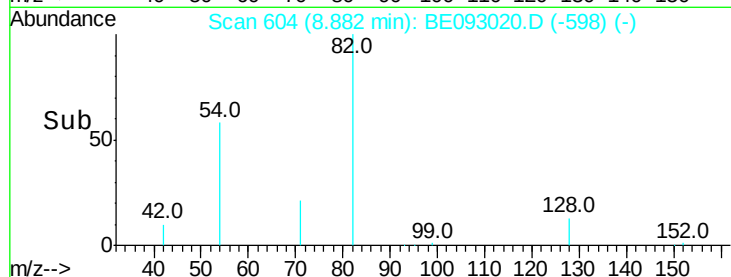
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.33 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE093020.D

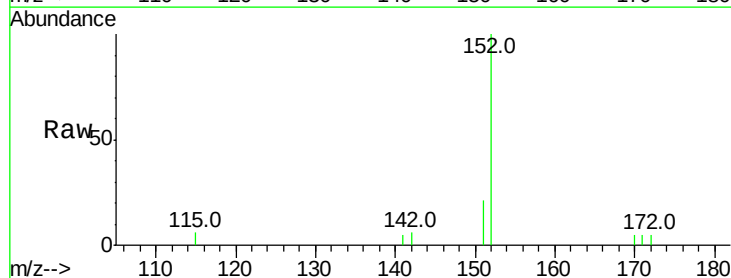
Acq: 12 May 2017 16:25

Tgt Ion: 152 Resp: 1665

Ion Ratio Lower Upper

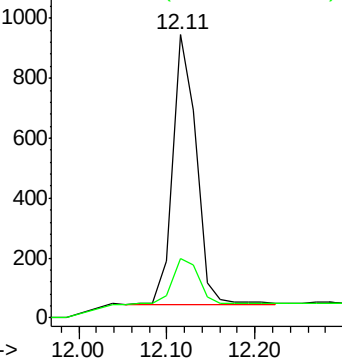
152 100

151 18.6 15.1 22.7

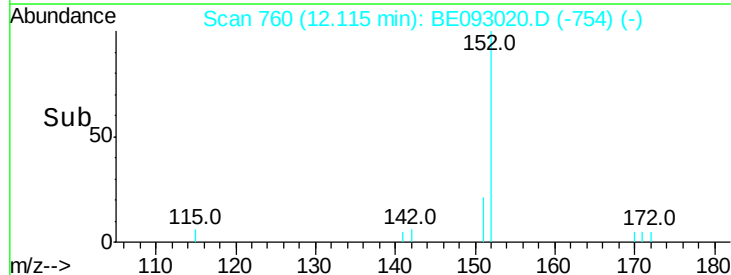


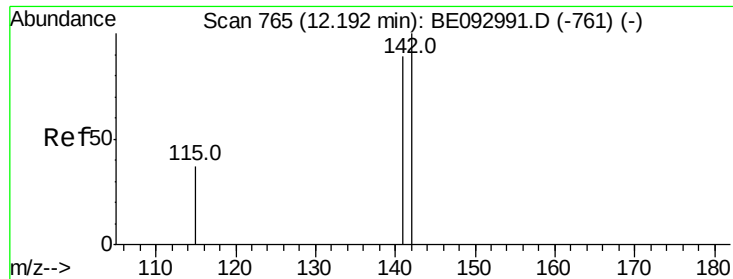
Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0



Time-->

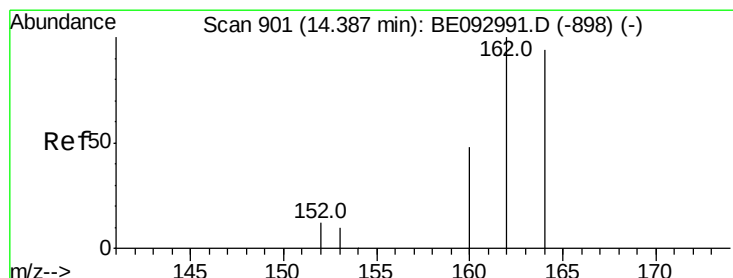
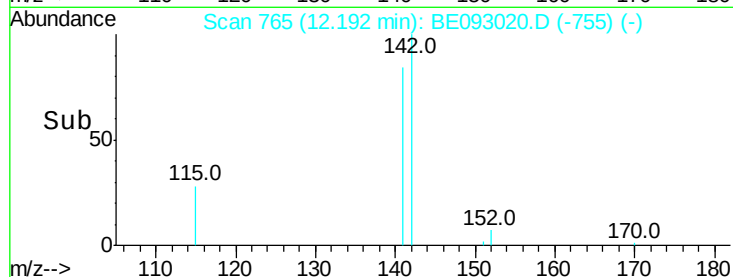
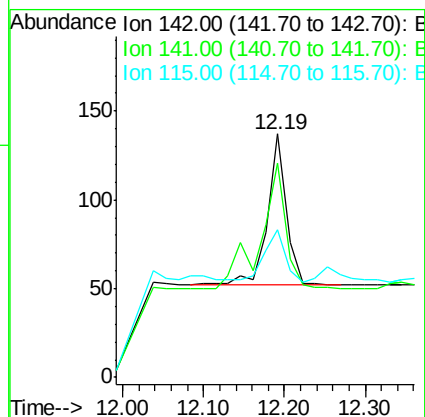
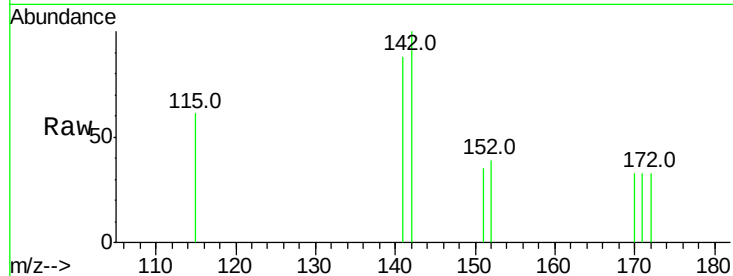




#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE093020.D
Acq: 12 May 2017 16:25

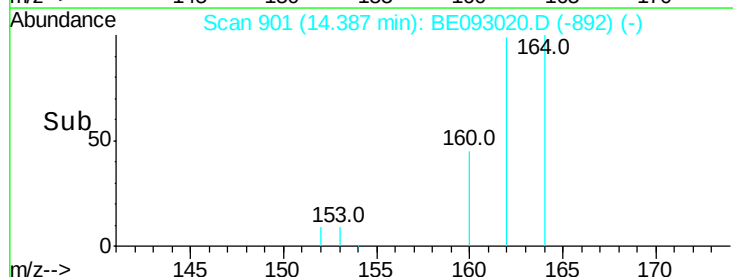
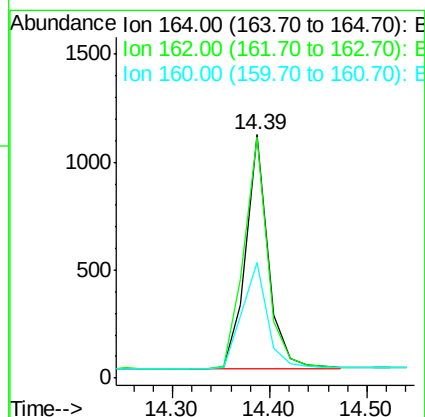
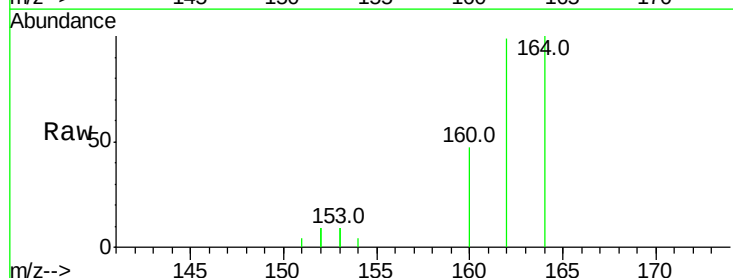
Instrument :
BNA_E
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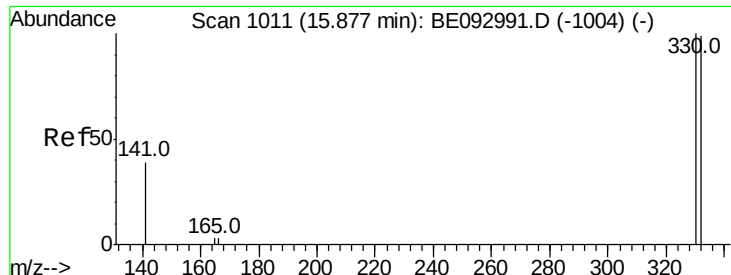
Tot Ion:142 Resp: 140
Ion Ratio Lower Upper
142 100
141 88.3 72.6 108.8
115 60.6 32.2 48.2#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE093020.D
Acq: 12 May 2017 16:25

Tgt Ion:164 Resp: 1740
Ion Ratio Lower Upper
164 100
162 99.1 84.6 127.0
160 47.4 41.8 62.6

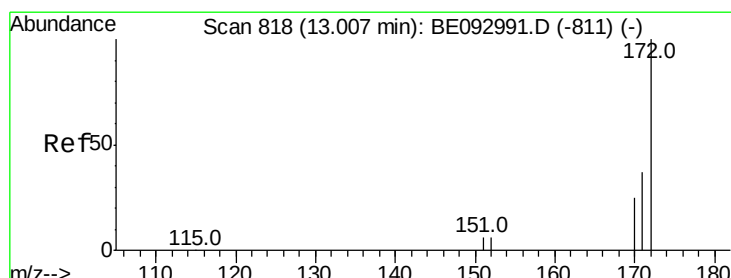
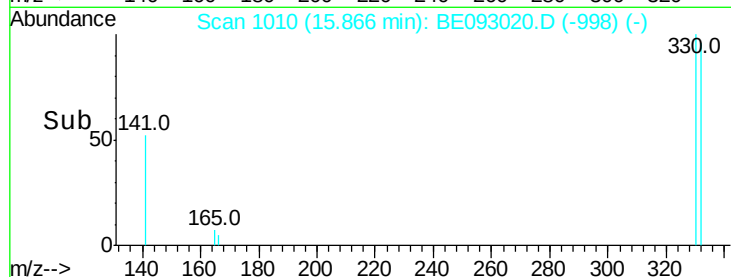
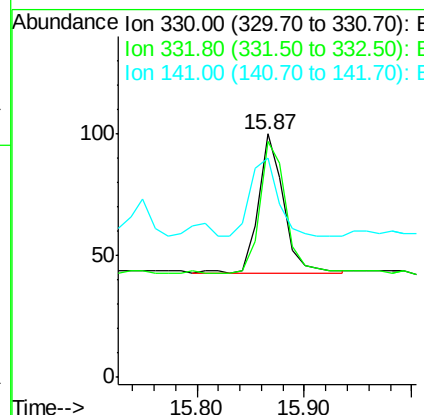
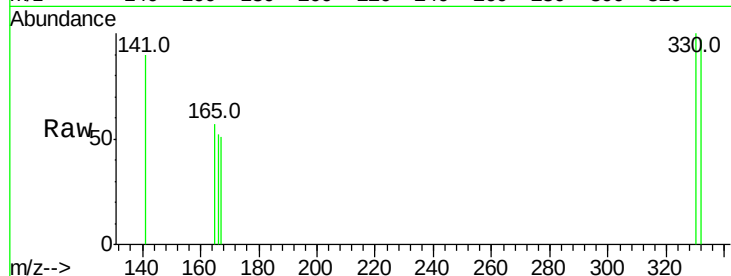




#14
 2,4,6-Tribromophenol
 Concen: 0.20 ng
 RT: 15.87 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BE093020.D
 Acq: 12 May 2017 16:25

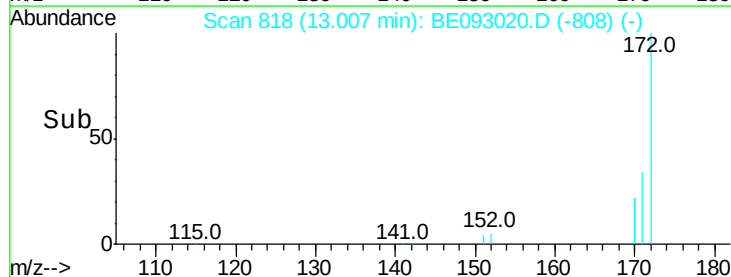
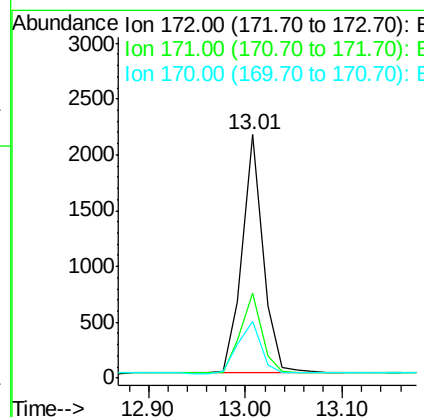
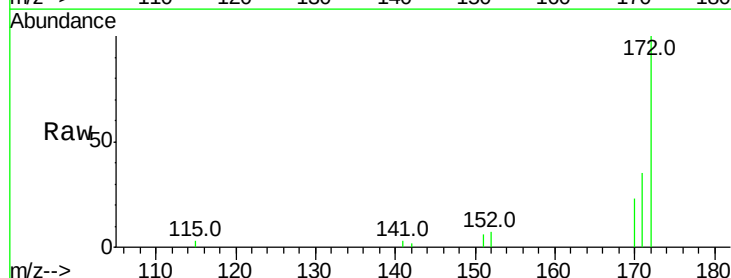
Instrument :
 BNA_E
 ClientSampleId :
 DUP-0399-170509

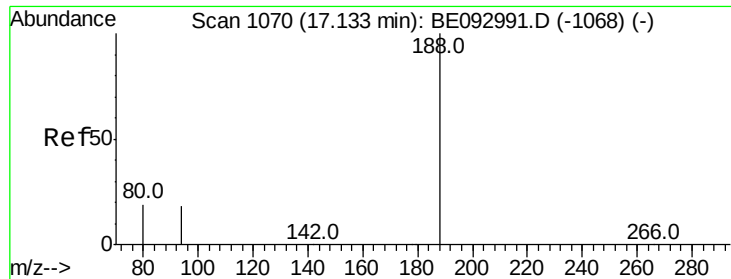
Tot Ion:330 Resp: 93
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.7 116.5
 141 61.3 56.2 84.4



#15
 2-Fluorobiphenyl
 Concen: 0.47 ng
 RT: 13.01 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE093020.D
 Acq: 12 May 2017 16:25

Tgt Ion:172 Resp: 3222
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.8 44.6
 170 23.2 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

Instrument :

BNA_E

ClientSampleId :

DUP-0399-170509

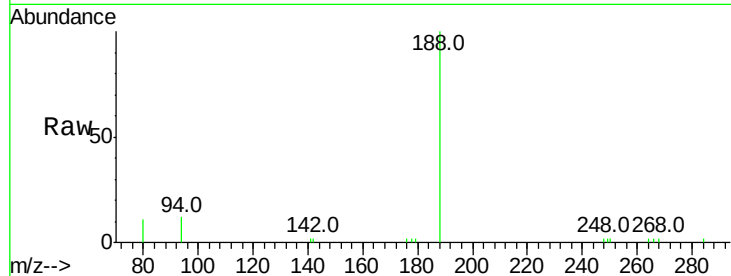
Tot Ion:188 Resp: 5331

Ion Ratio Lower Upper

188 100

94 11.7 11.3 16.9

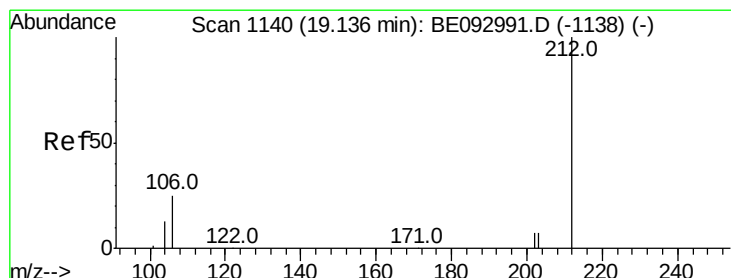
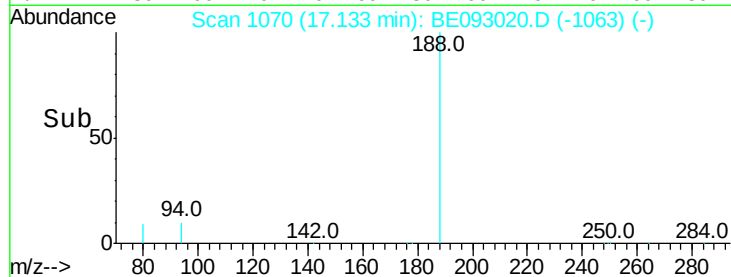
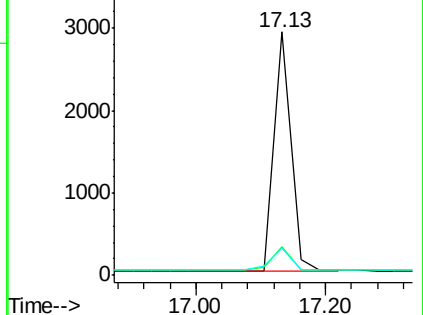
80 11.4 11.7 17.5#



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



#25

Fluoranthene-d10

Concen: 0.34 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

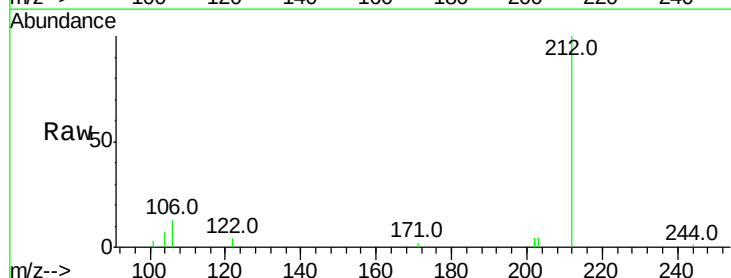
Tgt Ion:212 Resp: 4770

Ion Ratio Lower Upper

212 100

106 16.2 0.0 0.0#

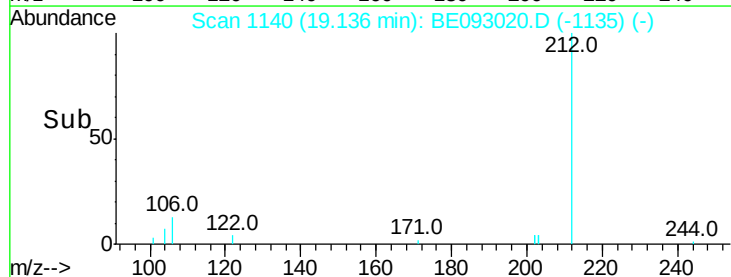
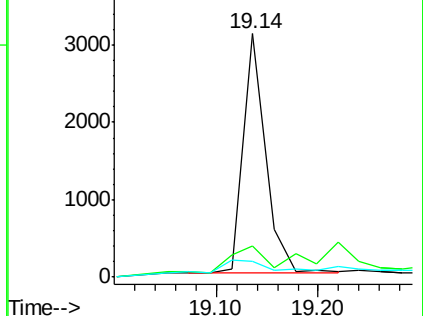
104 0.0 0.0 0.0

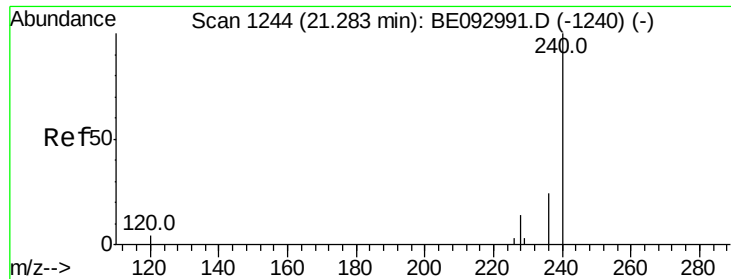


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.28 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

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DUP-0399-170509

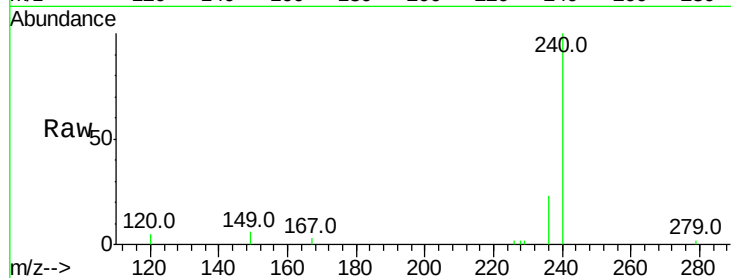
Tot Ion:240 Resp: 5294

Ion Ratio Lower Upper

240 100

120 4.7 4.6 7.0

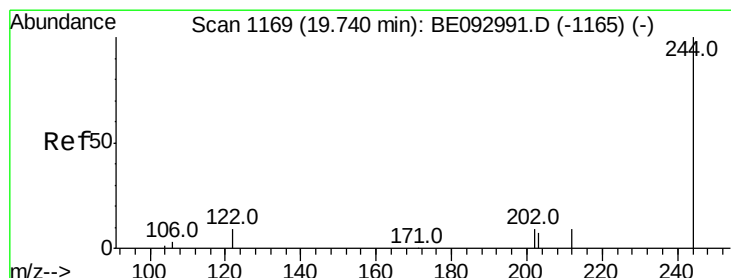
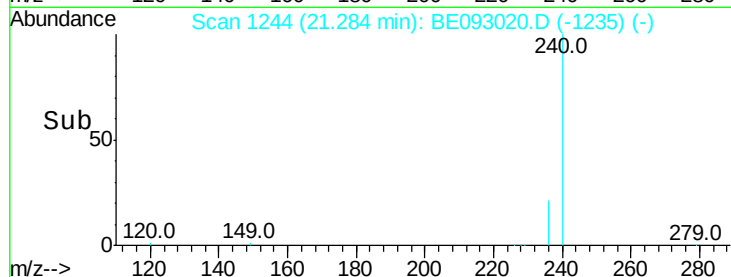
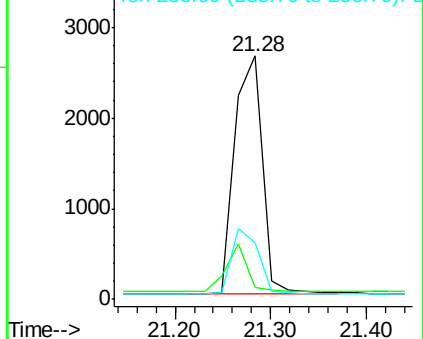
236 23.2 20.8 31.2



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



#29

Terphenyl-d14

Concen: 0.80 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

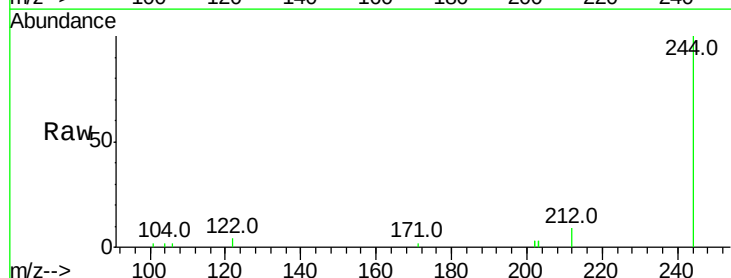
Tgt Ion:244 Resp: 7518

Ion Ratio Lower Upper

244 100

212 8.6 10.6 16.0#

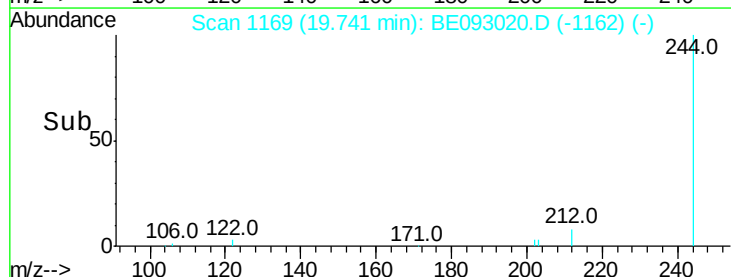
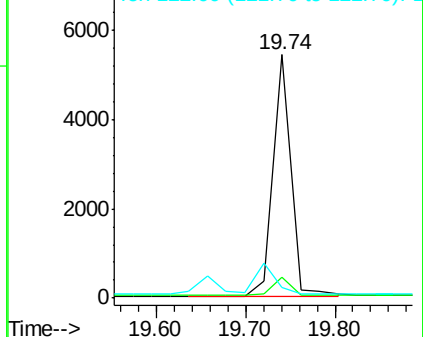
122 4.3 15.4 23.0#

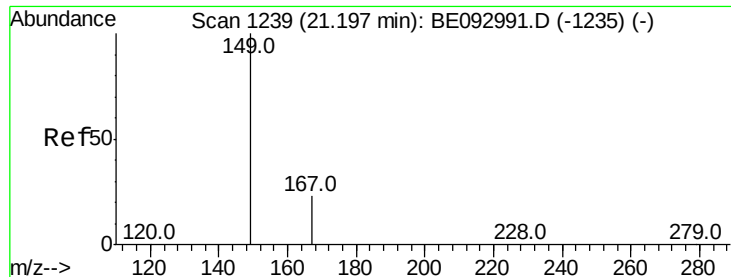


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.80 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

Instrument :

BNA_E

ClientSampleId :

DUP-0399-170509

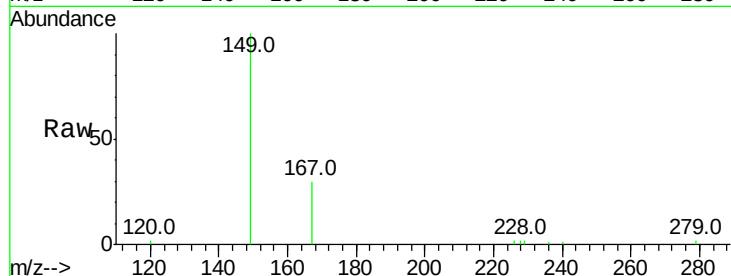
Tot Ion:149 Resp: 4584

Ion Ratio Lower Upper

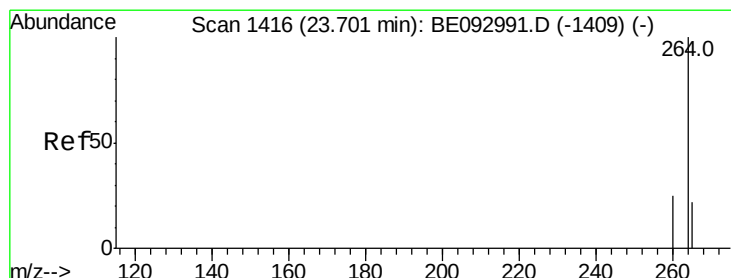
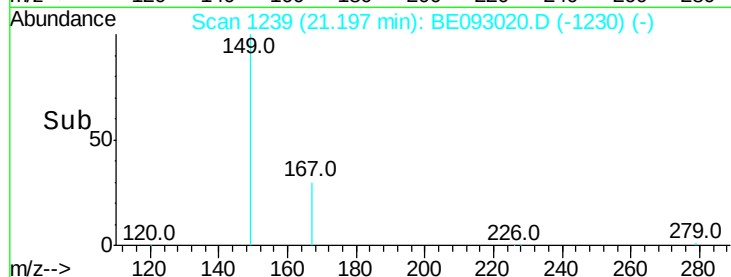
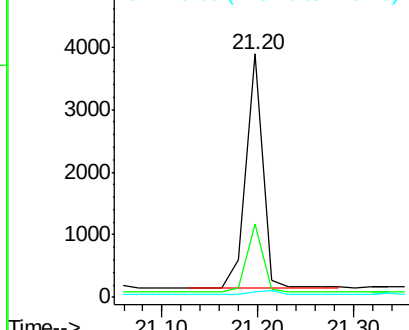
149 100

167 27.4 20.1 30.1

279 2.1 2.2 3.4#



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



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE093020.D

Acq: 12 May 2017 16:25

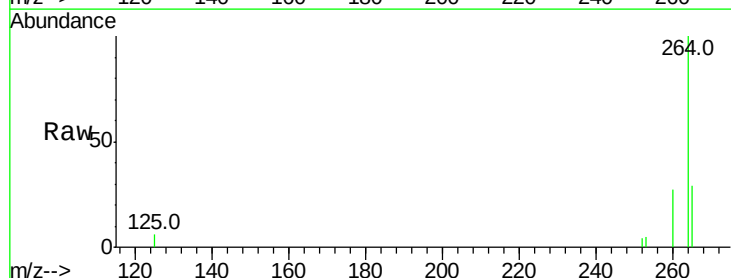
Tgt Ion:264 Resp: 4480

Ion Ratio Lower Upper

264 100

260 27.0 21.0 31.4

265 29.0 24.6 36.8



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

