

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051217\
 Data File : BE093010.D
 Acq On : 12 May 2017 10:15
 Operator : SJ/MA
 Sample : PB98886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98886BL

Quant Time: May 12 17:22:02 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

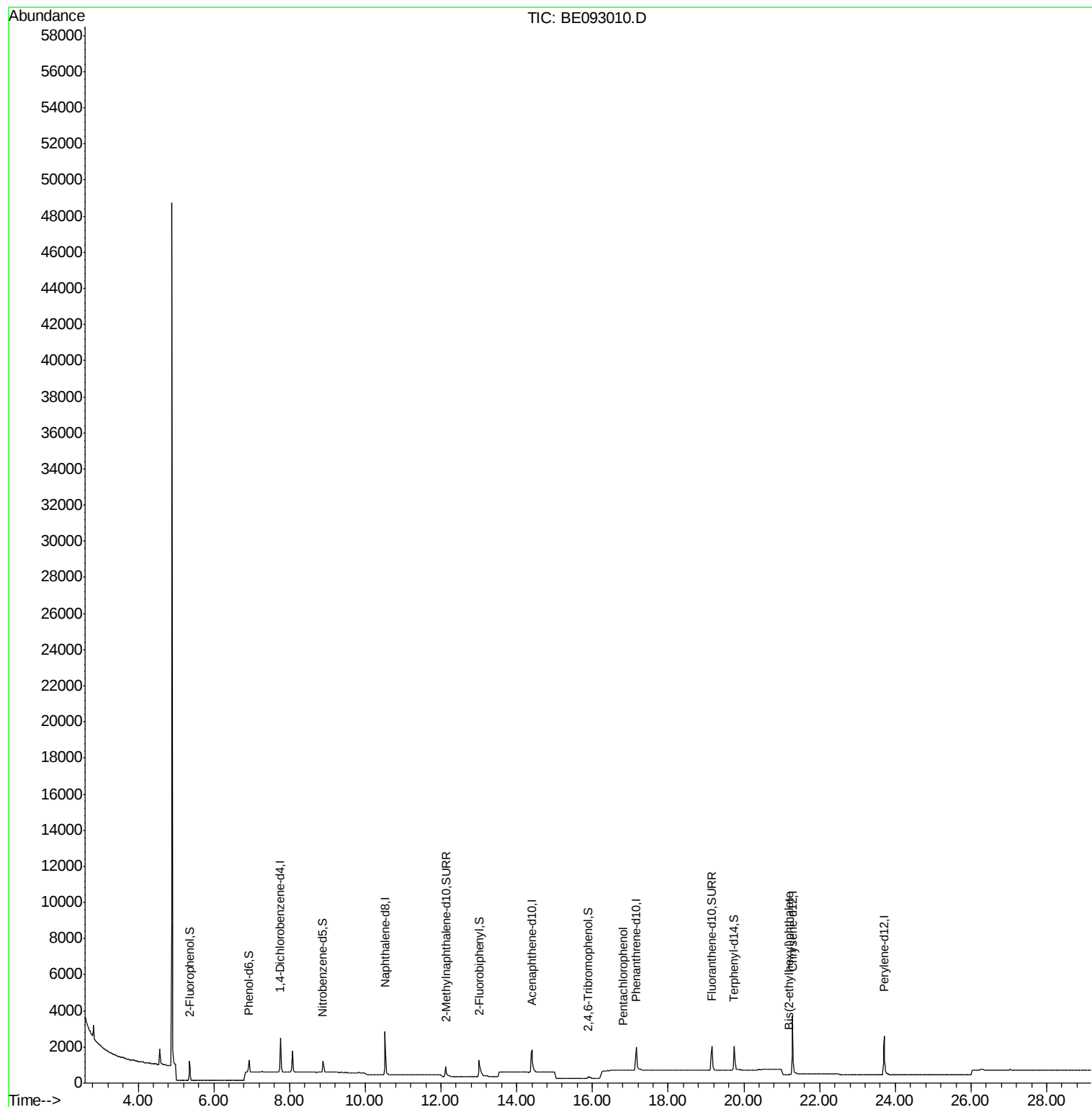
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	947	0.40	ng	-0.02
7) Naphthalene-d8	10.52	136	3469	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	1442	0.40	ng	0.02
19) Phenanthrene-d10	17.16	188	3111	0.40	ng	0.03
27) Chrysene-d12	21.28	240	4149	0.40	ng	0.00
34) Perylene-d12	23.70	264	3740	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	776	0.30	ng	0.00
5) Phenol-d6	6.92	99	901	0.28	ng	-0.02
8) Nitrobenzene-d5	8.88	82	728	0.27	ng	-0.02
11) 2-Methylnaphthalene-d10	12.13	152	1221	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	112	0.29	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	1574	0.28	ng	0.00
25) Fluoranthene-d10	19.16	212	2617	0.32	ng	0.00
29) Terphenyl-d14	19.74	244	1994	0.27	ng	0.00
Target Compounds						
21) Hexachlorobenzene	16.53	284	3	Below Cal	#	100
22) Pentachlorophenol	16.82	266	12	0.11 ng	#	81
23) Phenanthrene	17.19	178	24	Below Cal	#	60
32) Bis(2-ethylhexyl)phthalate	21.20	149	49	0.12 ng	#	94

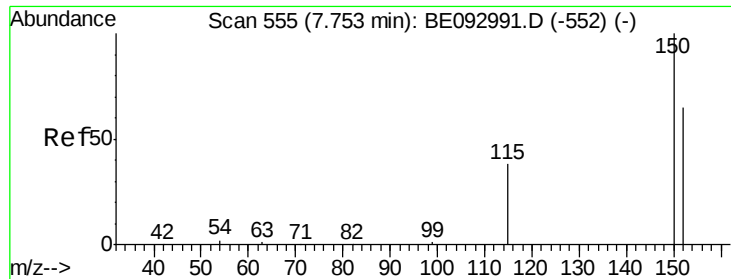
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093010.D

Acq: 12 May 2017 10:15

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BNA_E

ClientSampleId :

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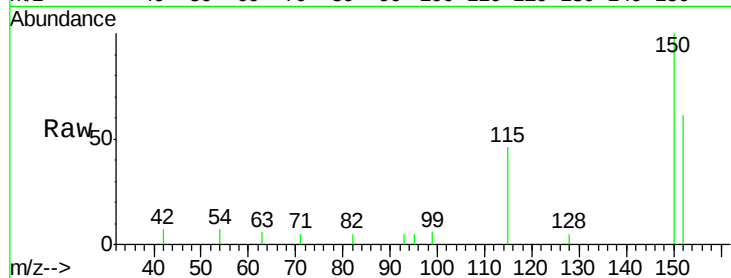
Tgt Ion:152 Resp: 947

Ion Ratio Lower Upper

152 100

150 163.2 125.1 187.7

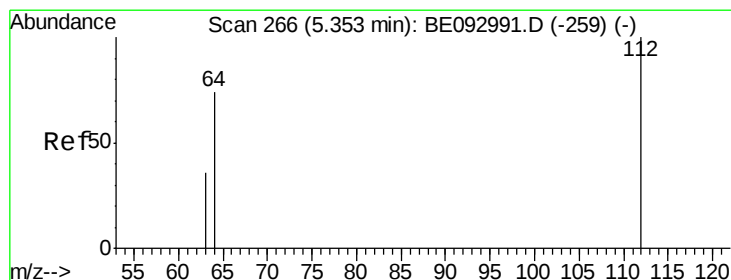
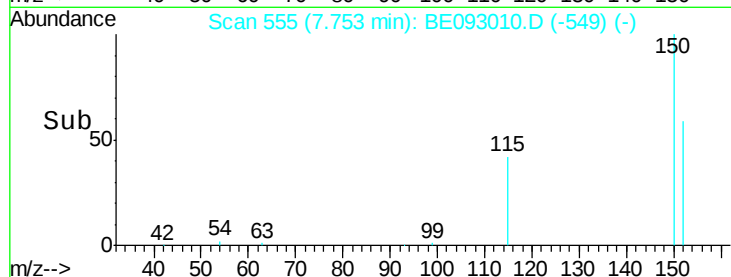
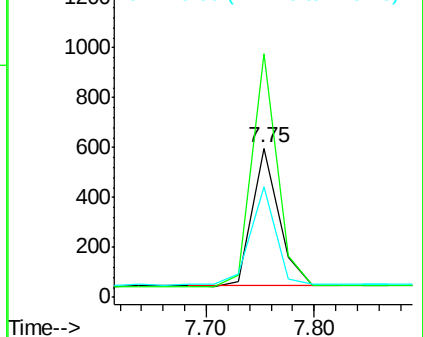
115 74.4 55.7 83.5



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: 0.30 ng

RT: 5.37 min Scan# 268

Delta R.T. 0.01 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

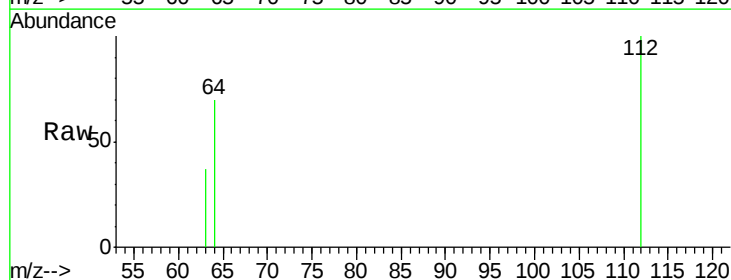
Tgt Ion:112 Resp: 776

Ion Ratio Lower Upper

112 100

64 72.7 56.4 84.6

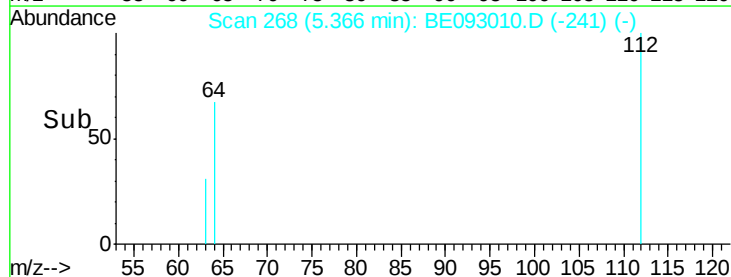
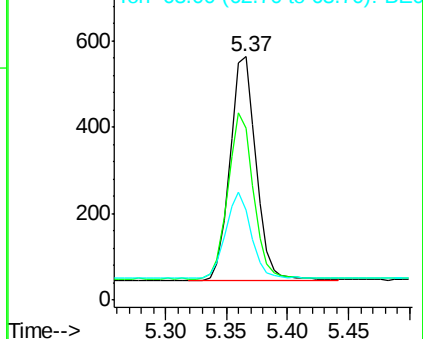
63 37.2 29.3 43.9

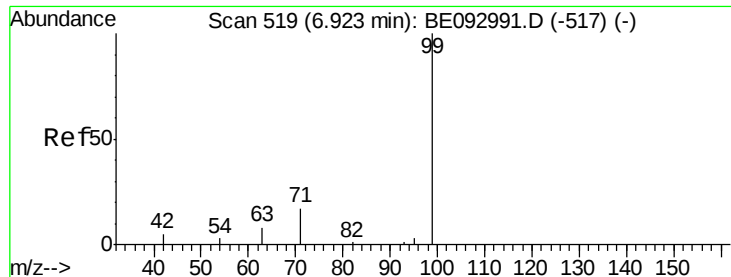


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.28 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

Instrument :

BNA_E

ClientSampleId :

PB98886BL

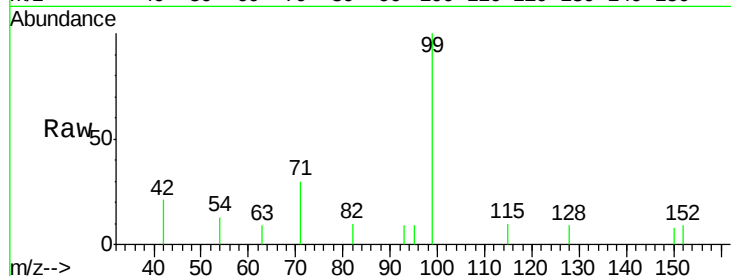
Tgt Ion: 99 Resp: 901

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

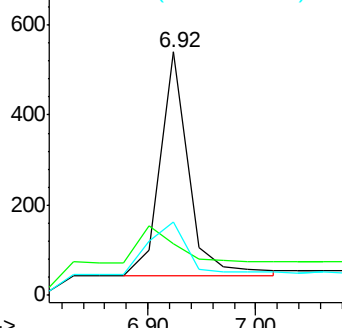
71 33.9 0.0 0.0#



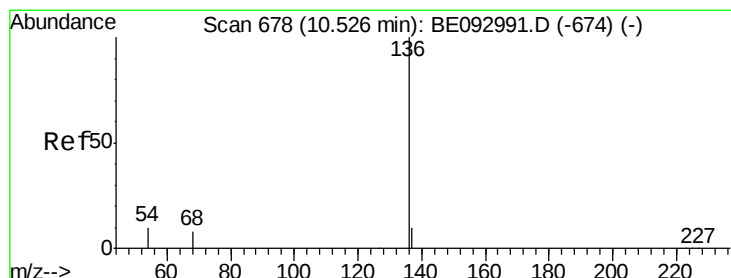
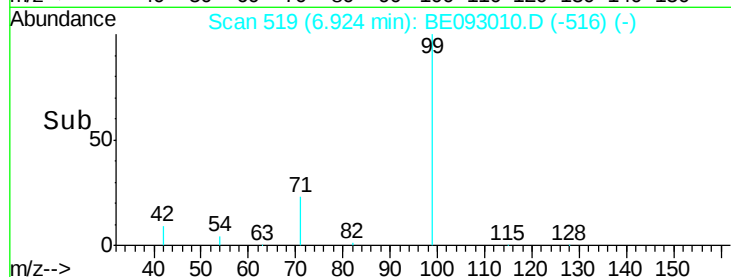
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

Tgt Ion: 136 Resp: 3469

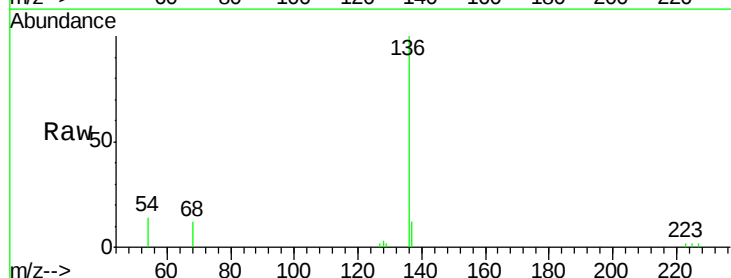
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.8

54 13.6 10.3 15.5

68 11.8 9.0 13.4

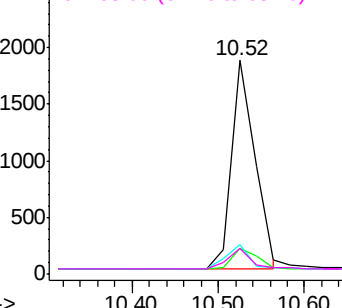


Abundance Ion 136.00 (135.70 to 136.70): E

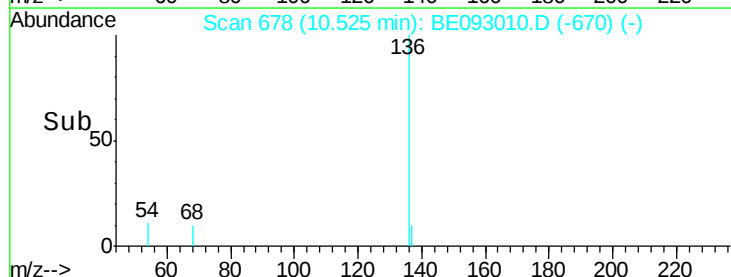
Ion 137.00 (136.70 to 137.70): E

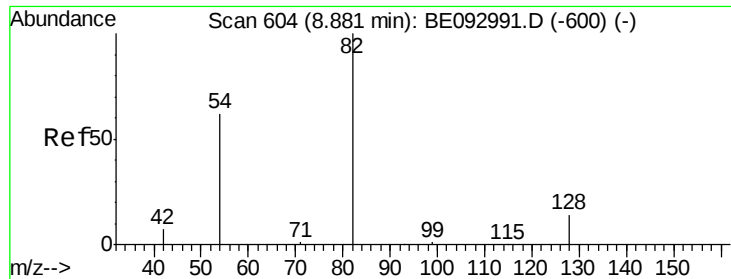
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

Instrument :

BNA_E

ClientSampleId :

PB98886BL

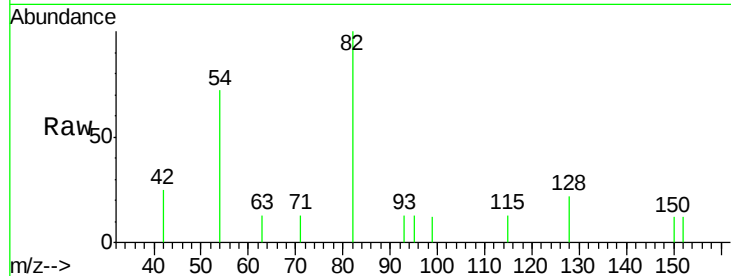
Tgt Ion: 82 Resp: 728

Ion Ratio Lower Upper

82 100

128 22.5 17.0 25.4

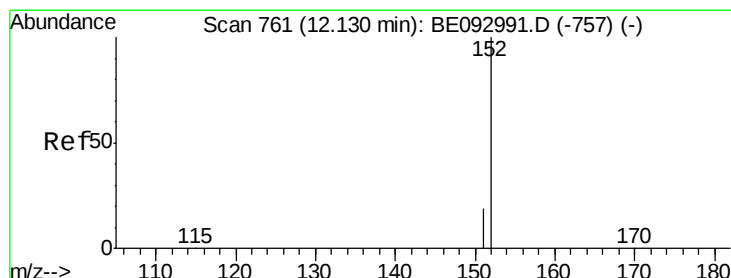
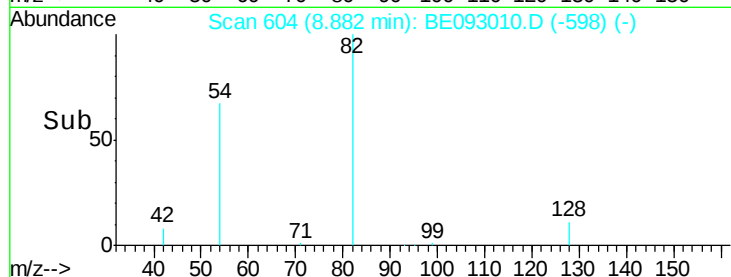
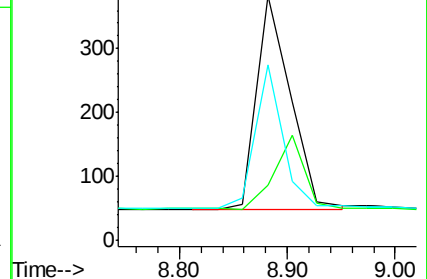
54 71.8 53.8 80.6



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



#11

2-Methylnaphthalene-d10

Concen: 0.25 ng

RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE093010.D

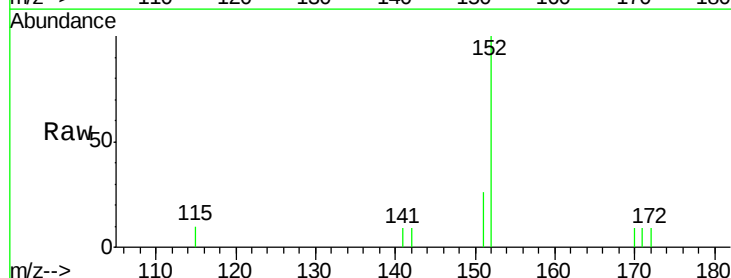
Acq: 12 May 2017 10:15

Tgt Ion: 152 Resp: 1221

Ion Ratio Lower Upper

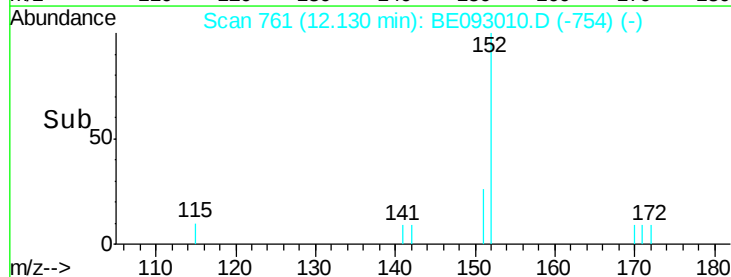
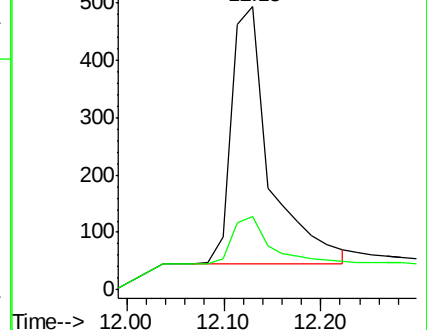
152 100

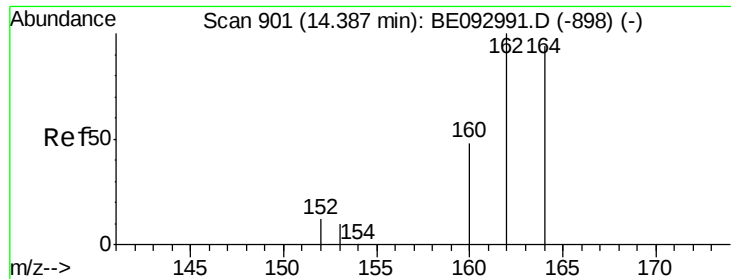
151 18.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.40 min Scan# 902

Delta R.T. 0.02 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

Instrument :

BNA_E

ClientSampleId :

PB98886BL

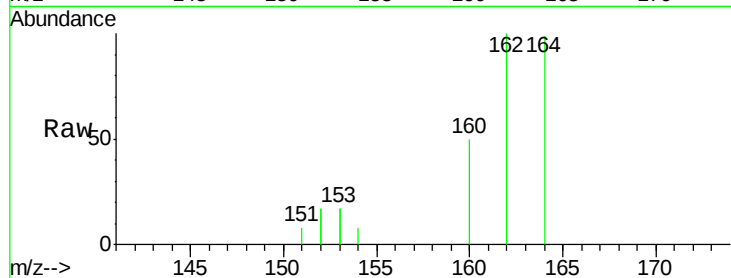
Tgt Ion:164 Resp: 1442

Ion Ratio Lower Upper

164 100

162 100.5 84.6 127.0

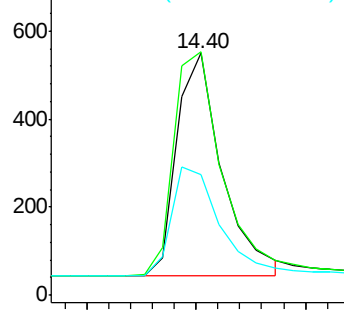
160 50.0 41.8 62.6



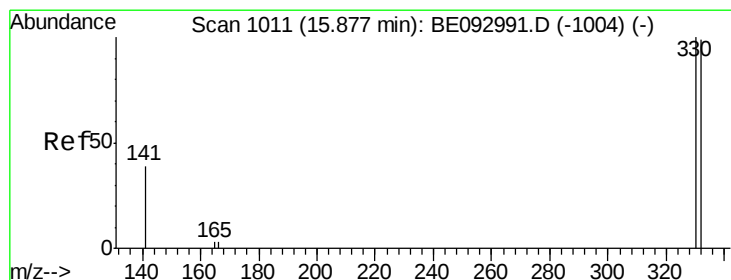
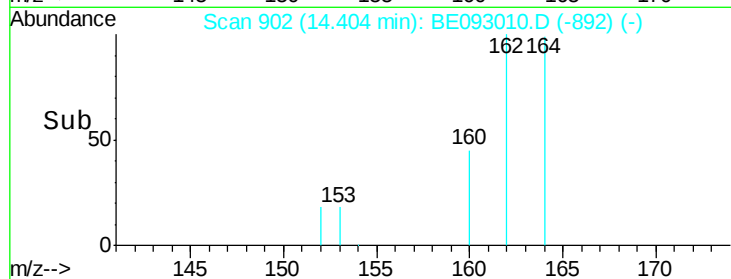
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.29 ng

RT: 15.89 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

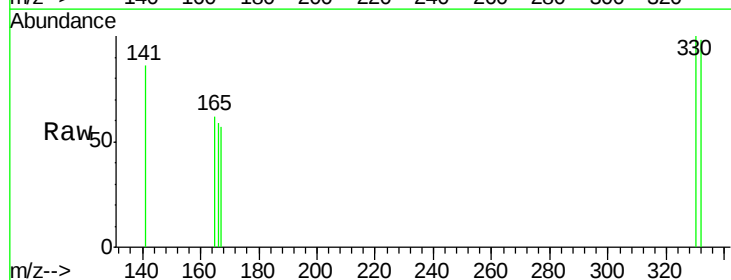
Tgt Ion:330 Resp: 112

Ion Ratio Lower Upper

330 100

332 95.5 77.7 116.5

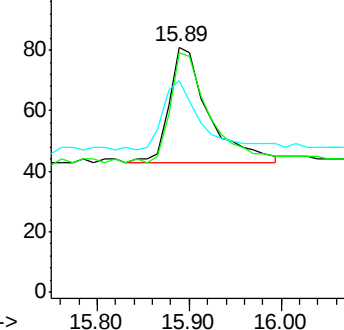
141 60.7 56.2 84.4



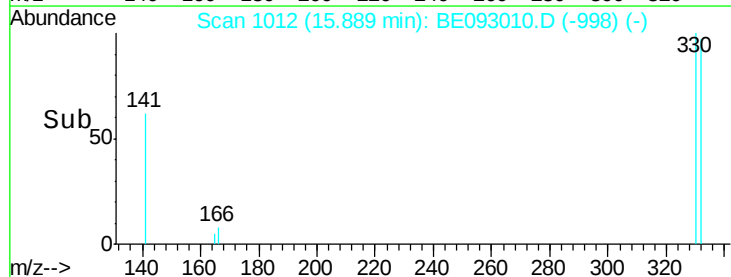
Abundance Ion 330.00 (329.70 to 330.70): E

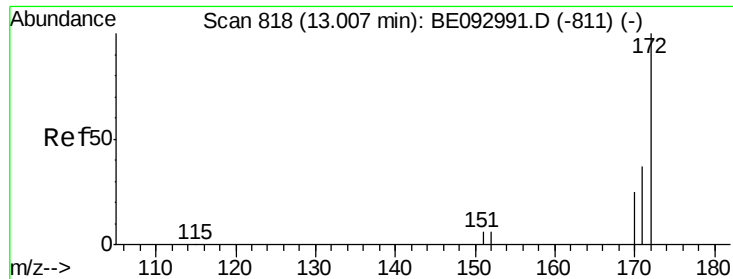
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

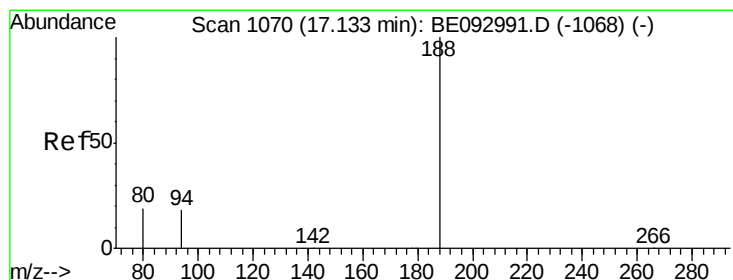
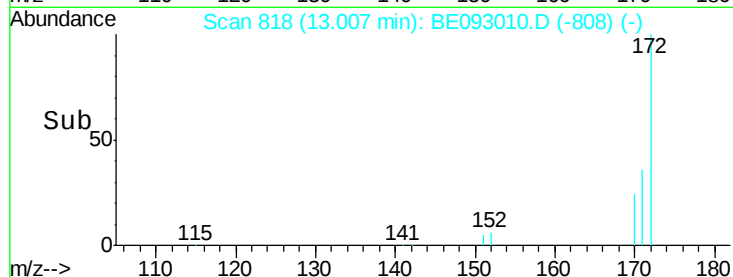
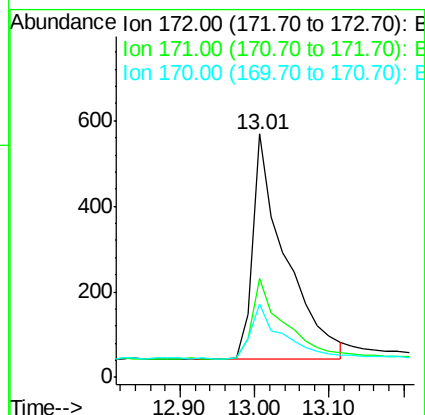
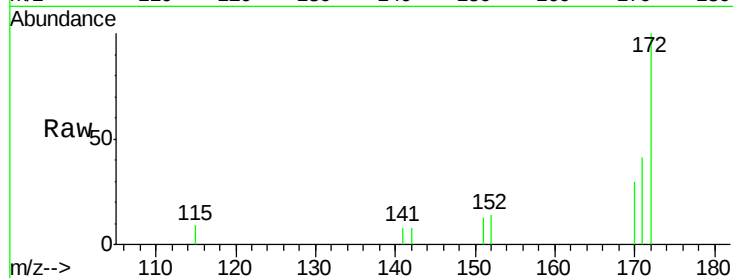




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE093010.D
Acq: 12 May 2017 10:15

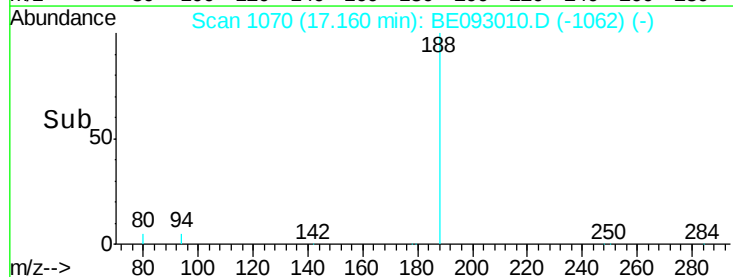
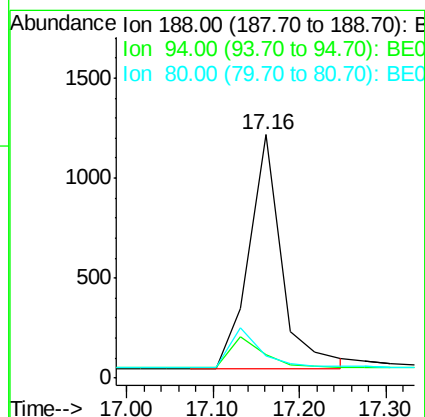
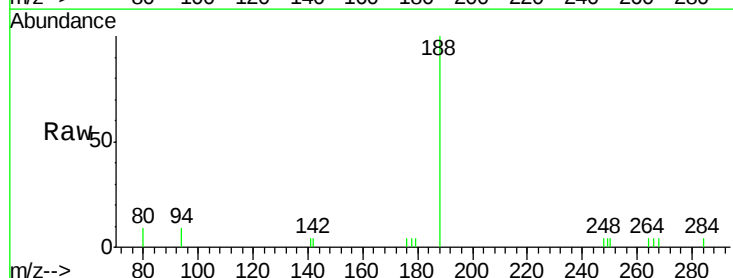
Instrument :
BNA_E
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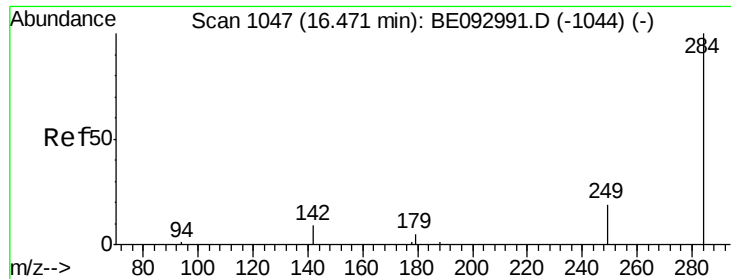
Tgt Ion:172 Resp: 1574
Ion Ratio Lower Upper
172 100
171 40.8 29.8 44.6
170 30.2 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.16 min Scan# 1070
Delta R.T. 0.03 min
Lab File: BE093010.D
Acq: 12 May 2017 10:15

Tgt Ion:188 Resp: 3111
Ion Ratio Lower Upper
188 100
94 9.4 11.3 16.9#
80 9.3 11.7 17.5#





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.53 min Scan# 1048

Delta R.T. 0.06 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

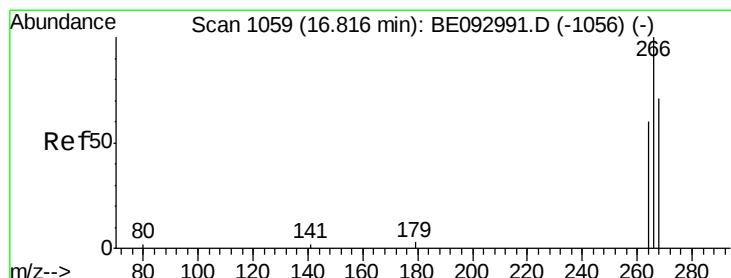
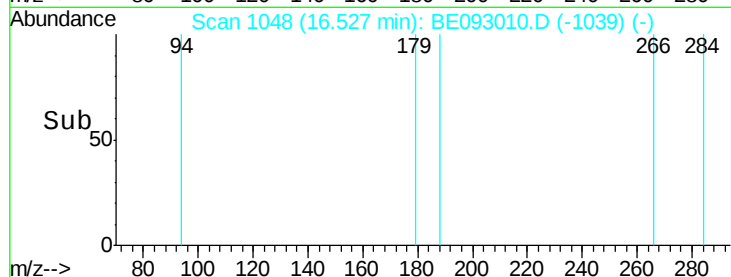
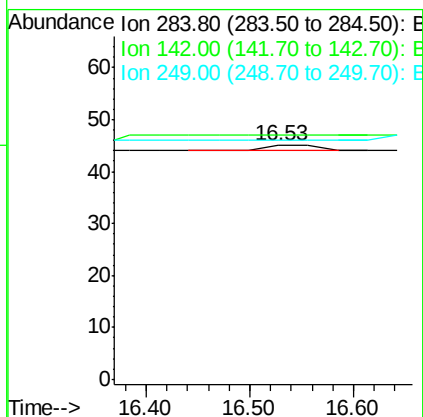
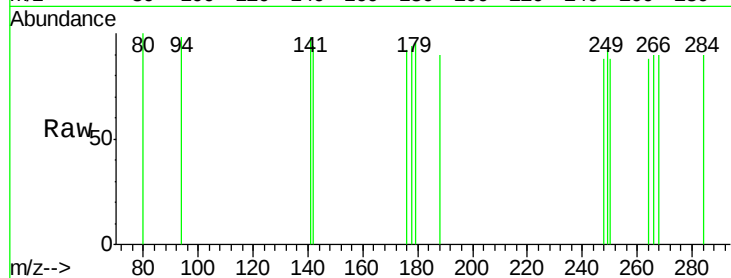
Instrument :

BNA_E

ClientSampleId :

PB98886BL

Tgt Ion:	284	Resp:	3
Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



#22

Pentachlorophenol

Concen: 0.11 ng

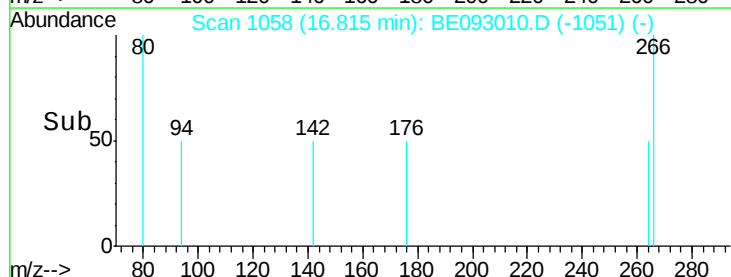
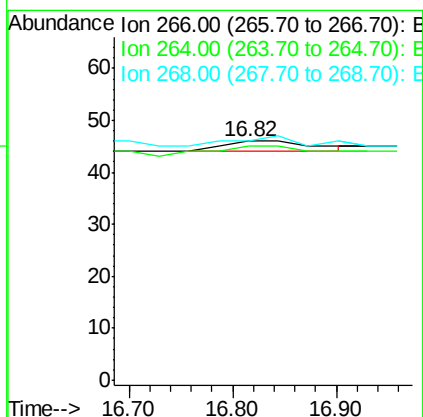
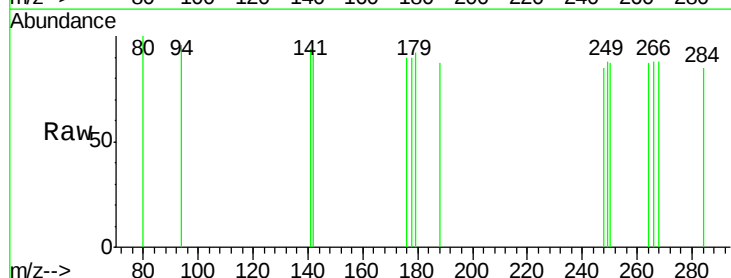
RT: 16.82 min Scan# 1058

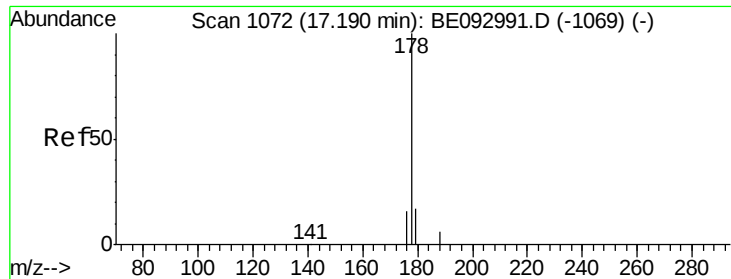
Delta R.T. 0.00 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

Tgt Ion:	266	Resp:	12
Ion	Ratio	Lower	Upper
266	100		
264	97.8	58.2	87.2#
268	100.0	71.9	107.9





#23

Phenanthrene

Concen: Below Cal

RT: 17.19 min Scan# 1071

Delta R.T. 0.01 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

Instrument :

BNA_E

ClientSampleId :

PB98886BL

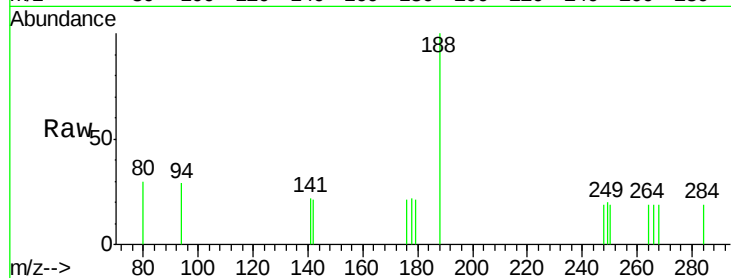
Tgt Ion:178 Resp: 24

Ion Ratio Lower Upper

178 100

176 37.5 15.0 22.4#

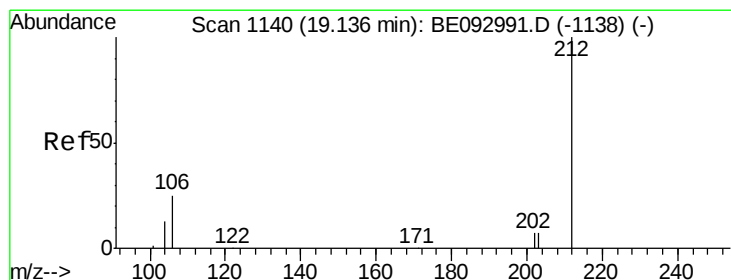
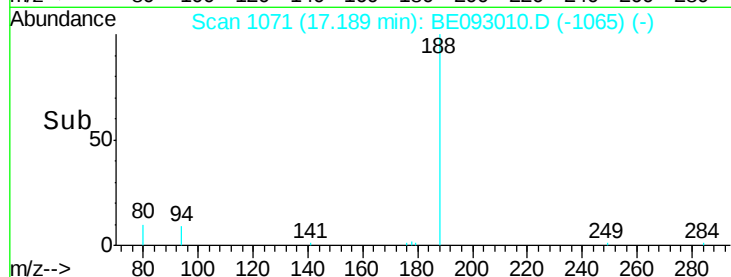
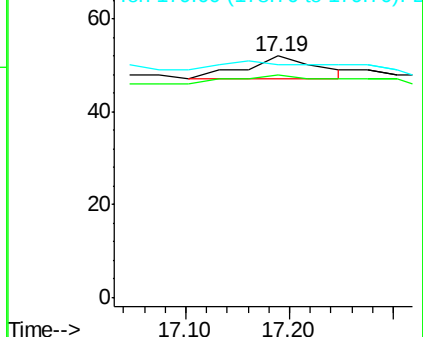
179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.32 ng

RT: 19.16 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BE093010.D

Acq: 12 May 2017 10:15

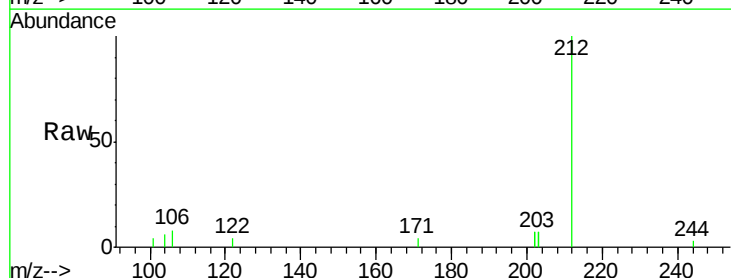
Tgt Ion:212 Resp: 2617

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

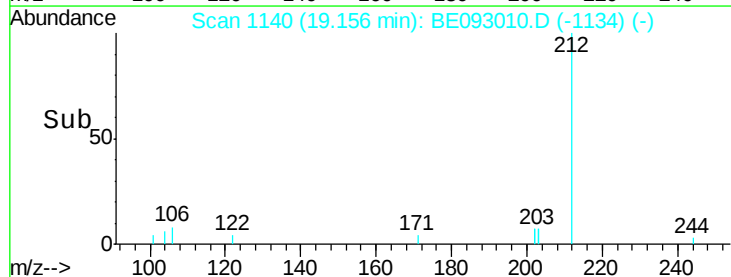
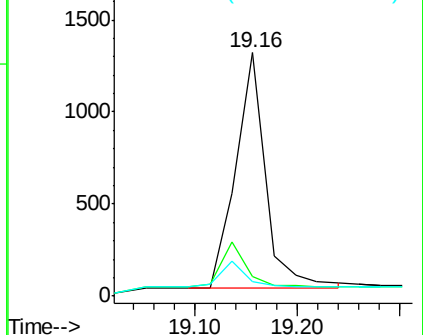
104 0.0 0.0 0.0

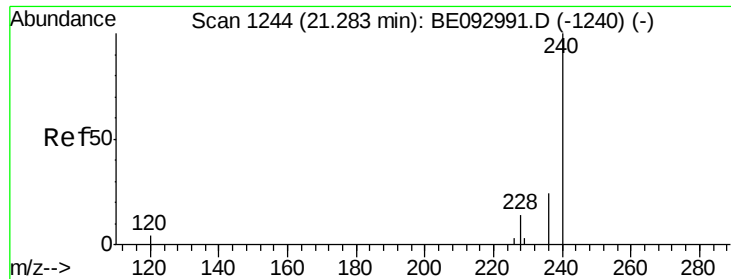


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

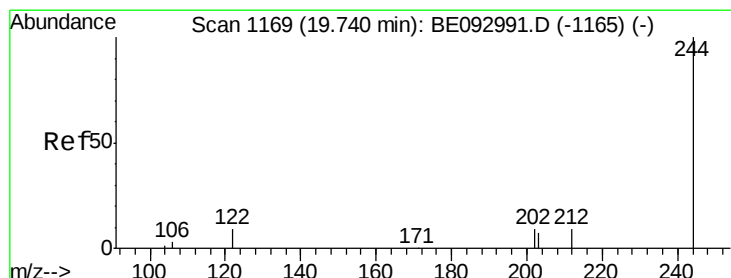
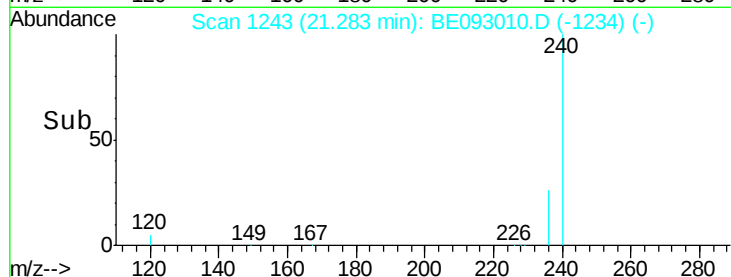
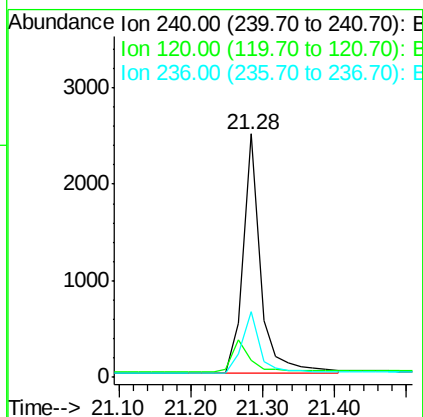
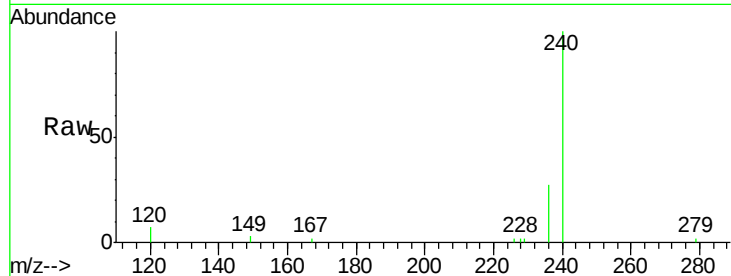




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093010.D
Acq: 12 May 2017 10:15

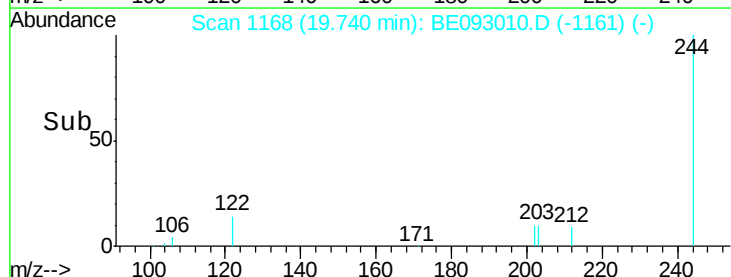
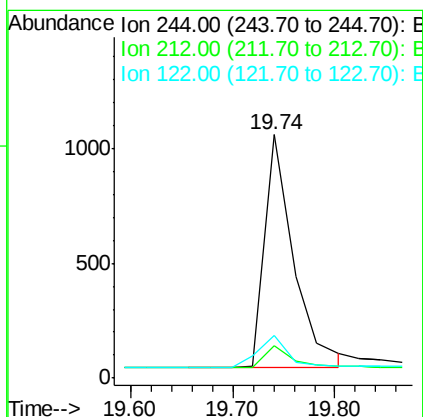
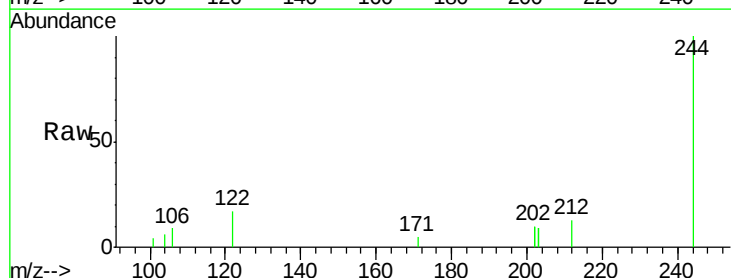
Instrument :
BNA_E
ClientSampleId :
PB98886BL

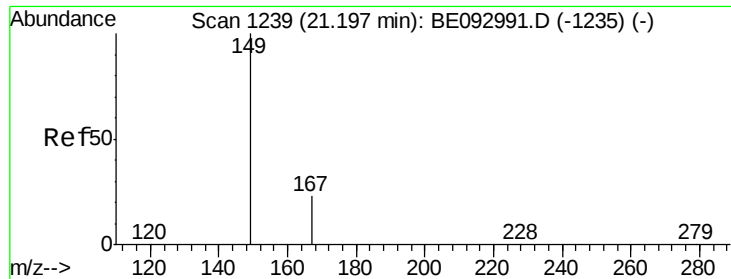
Tgt Ion:240 Resp: 4149
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 27.0 20.8 31.2



#29
Terphenyl-d14
Concen: 0.27 ng
RT: 19.74 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BE093010.D
Acq: 12 May 2017 10:15

Tgt Ion:244 Resp: 1994
Ion Ratio Lower Upper
244 100
212 13.3 10.6 16.0
122 17.4 15.4 23.0

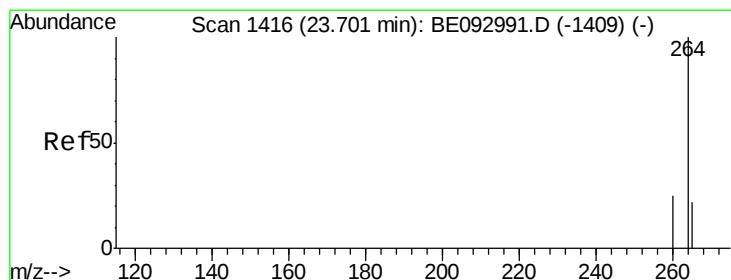
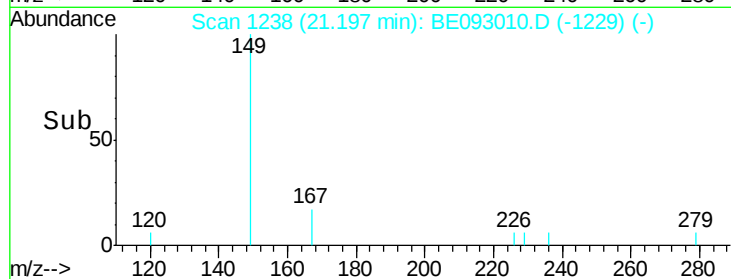
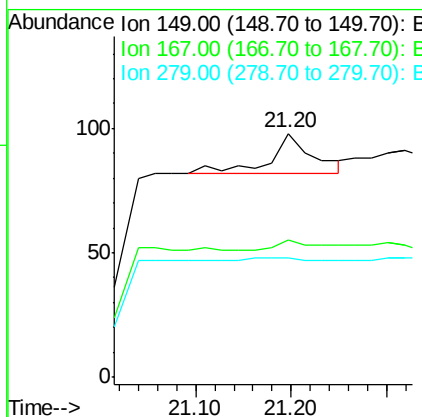
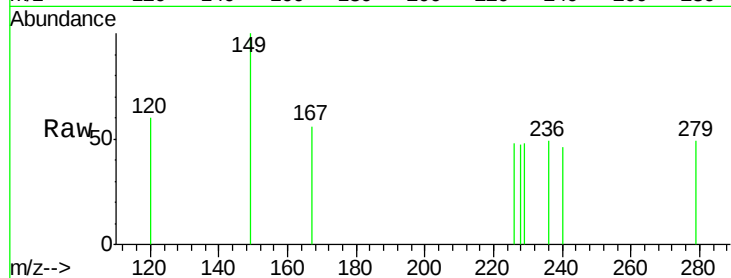




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.12 ng
 RT: 21.20 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BE093010.D
 Acq: 12 May 2017 10:15

Instrument :
 BNA_E
 ClientSampleId :
 PB98886BL

Tgt Ion:149 Resp: 49
 Ion Ratio Lower Upper
 149 100
 167 22.4 20.1 30.1
 279 0.0 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BE093010.D
 Acq: 12 May 2017 10:15

Tgt Ion:264 Resp: 3740
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.0 31.4
 265 30.7 24.6 36.8

