

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093902.D
 Acq On : 1 Sep 2017 15:07
 Operator : SJ/JU
 Sample : PB101940BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101940BL

Quant Time: Sep 02 01:18:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:31:36 2017
 Response via : Initial Calibration

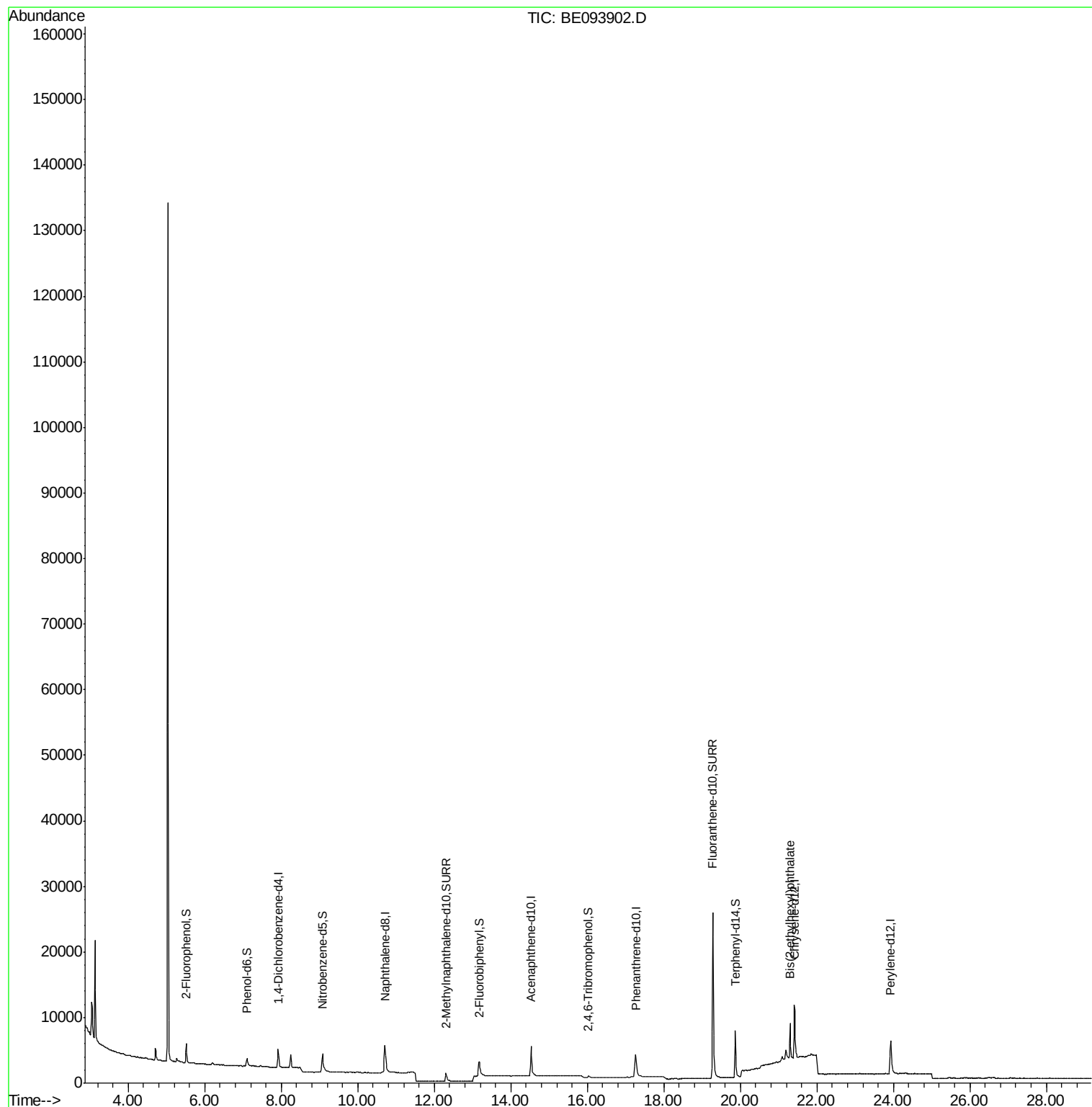
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1493	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	6915	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	4012	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	8646	0.40	ng	0.03
27) Chrysene-d12	21.42	240	12393	0.40	ng	0.00
34) Perylene-d12	23.93	264	10493	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1666	0.36	ng	0.00
5) Phenol-d6	7.10	99	2058	0.29	ng	0.01
8) Nitrobenzene-d5	9.08	82	1969	0.34	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	3608	0.33	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	354	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	4670	0.29	ng	0.02
25) Fluoranthene-d10	19.28	212	45551	0.46	ng	0.00
29) Terphenyl-d14	19.87	244	8531	0.38	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.39	248	20	Below Cal	#	42
21) Hexachlorobenzene	16.55	284	8	Below Cal	#	100
32) Bis(2-ethylhexyl)phthalate	21.30	149	6839	0.088	ng	# 99

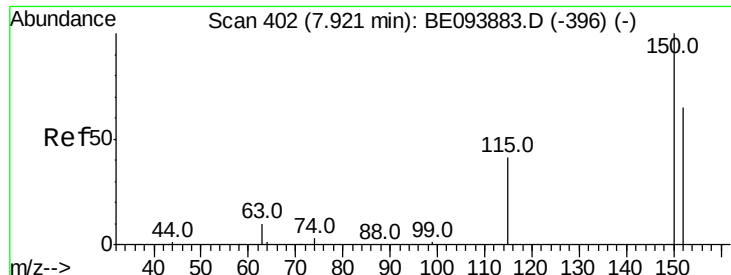
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

Instrument :

BNA_E

ClientSampleId :

PB101940BL

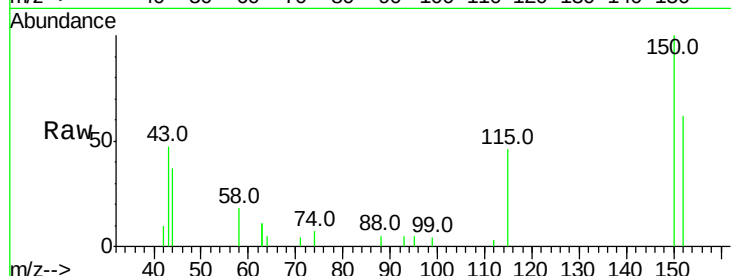
Tot Ion:152 Resp: 1493

Ion Ratio Lower Upper

152 100

150 162.2 121.8 182.6

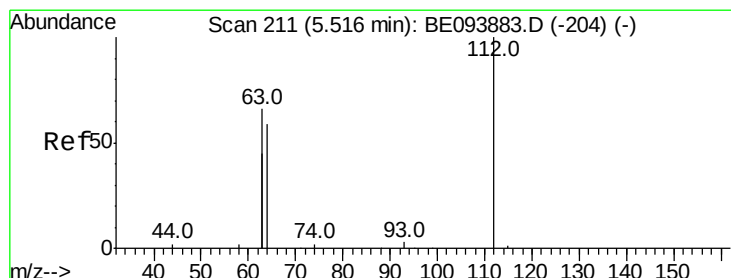
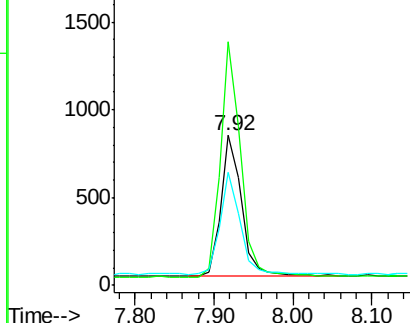
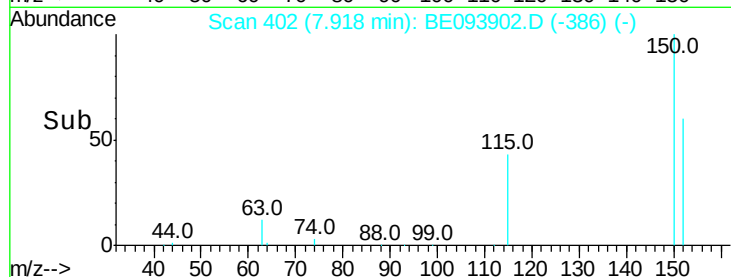
115 75.0 52.6 79.0



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: 0.363 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

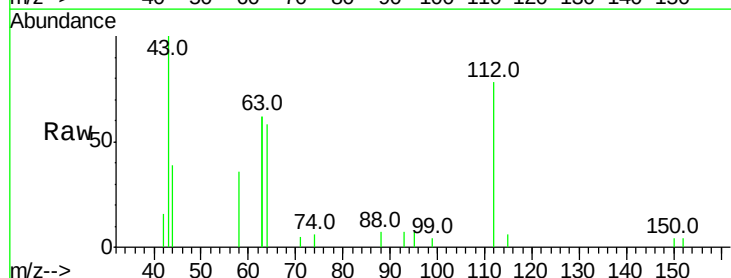
Tgt Ion:112 Resp: 1666

Ion Ratio Lower Upper

112 100

64 69.3 57.7 86.5

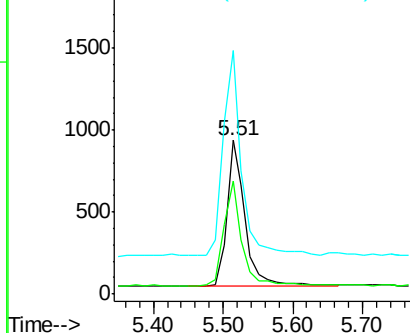
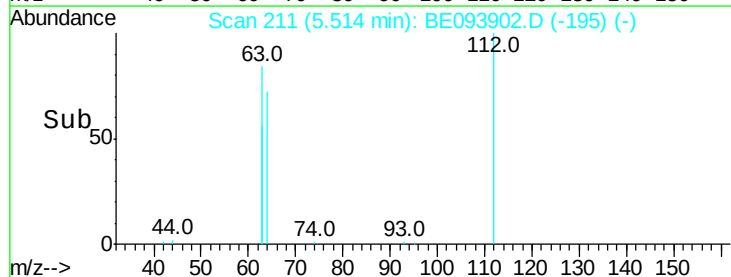
63 139.6 116.0 174.0

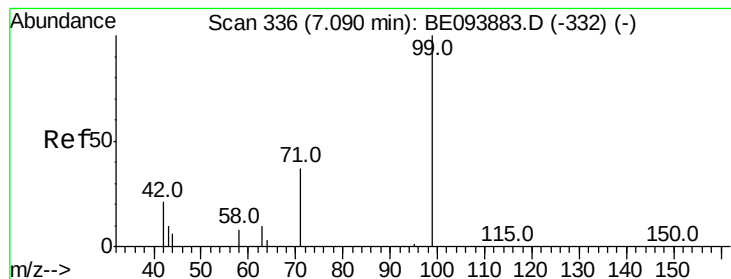


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.293 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

Instrument :

BNA_E

ClientSampleId :

PB101940BL

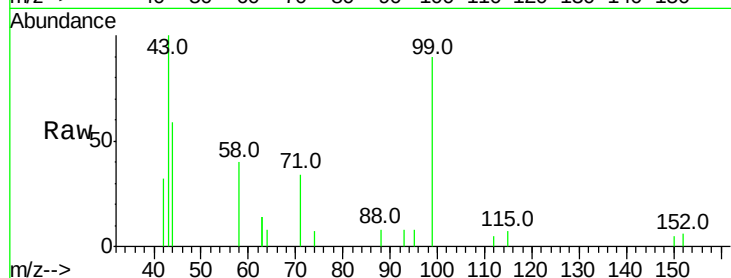
Tot Ion: 99 Resp: 2058

Ion Ratio Lower Upper

99 100

42 18.2 17.1 25.7

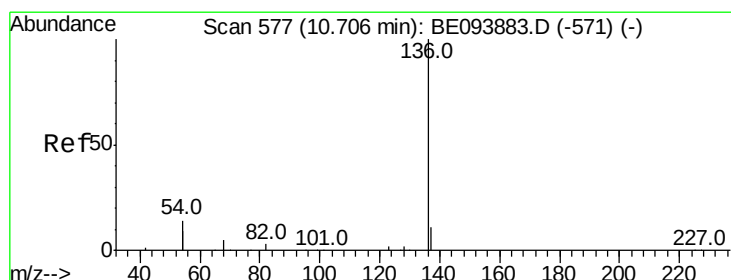
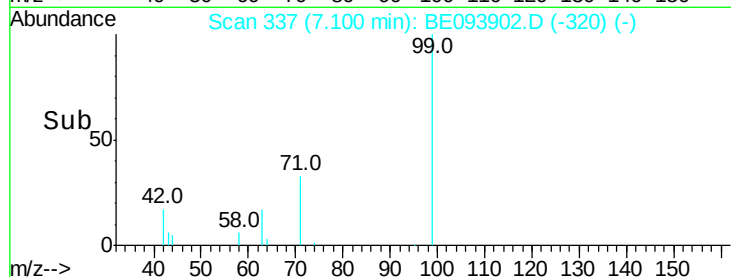
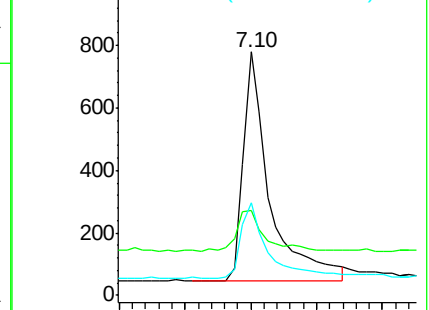
71 34.0 26.6 39.8



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: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

Tgt Ion: 136 Resp: 6915

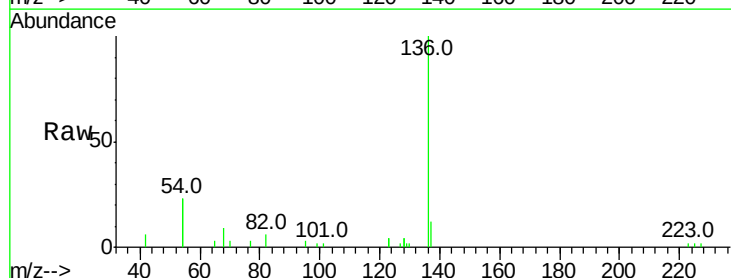
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 46.2 21.9 32.9#

68 9.4 4.6 7.0#

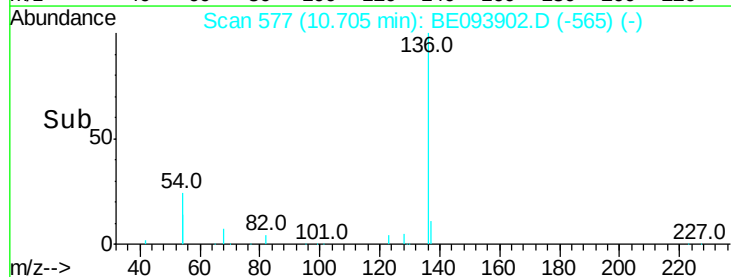
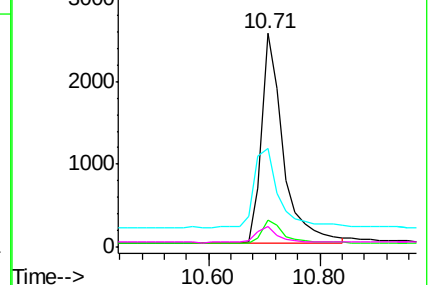


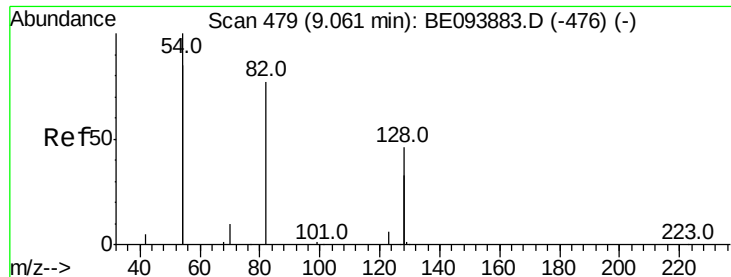
Abundance Ion 136.00 (135.70 to 136.70): E

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

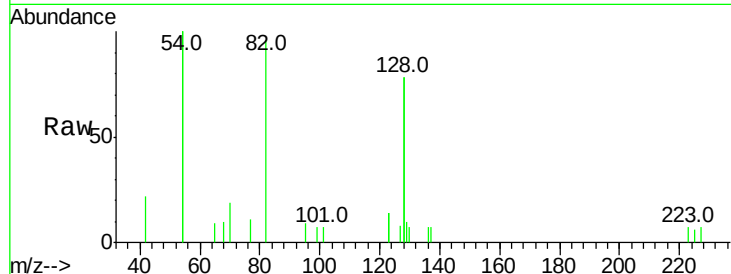




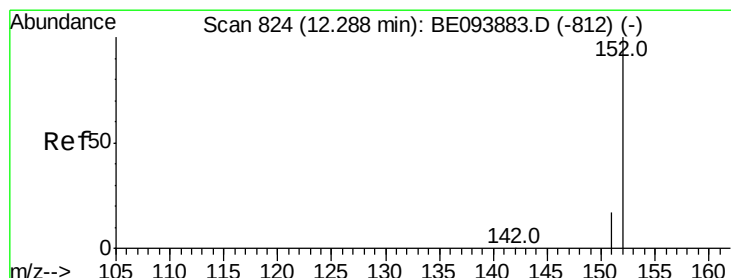
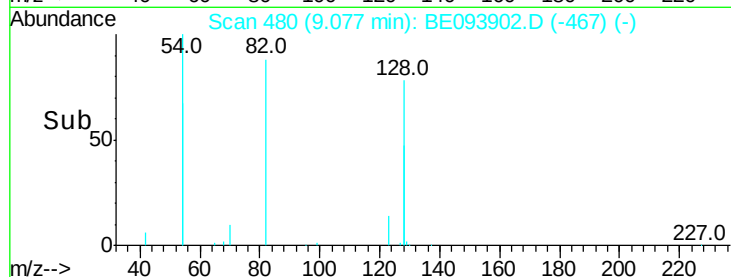
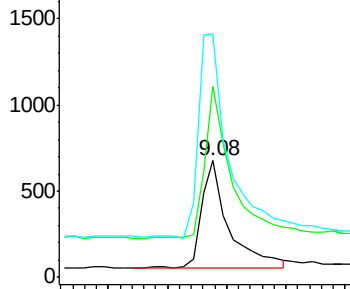
#8
 Nitrobenzene-d5
 Concen: 0.342 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.02 min
 Lab File: BE093902.D
 Acq: 1 Sep 2017 15:07

Instrument :
 BNA_E
 ClientSampleId :
 PB101940BL

Tot Ion: 82 Resp: 1969
 Ion Ratio Lower Upper
 82 100
 128 163.4 91.4 137.0#
 54 208.6 197.8 296.8

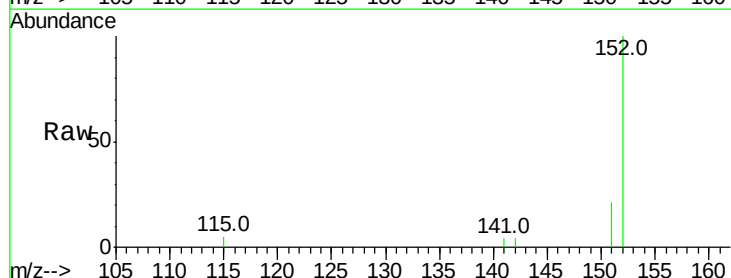


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

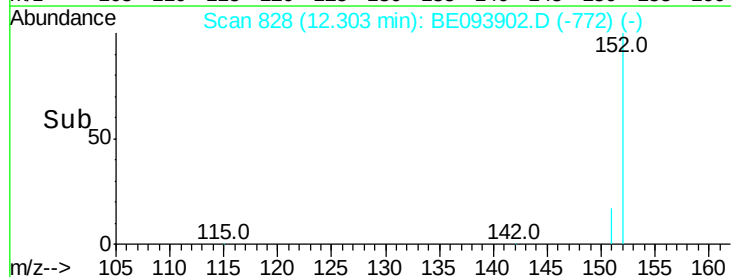
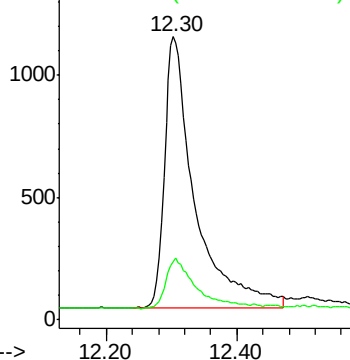


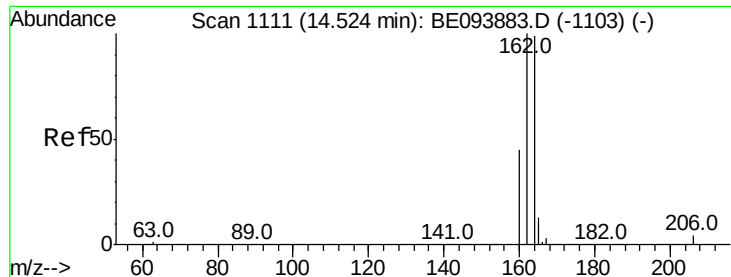
#11
 2-Methylnaphthalene-d10
 Concen: 0.330 ng
 RT: 12.30 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BE093902.D
 Acq: 1 Sep 2017 15:07

Tgt Ion: 152 Resp: 3608
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

Instrument :

BNA_E

ClientSampleId :

PB101940BL

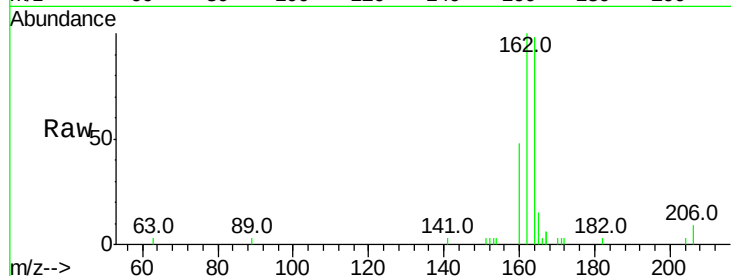
Tot Ion:164 Resp: 4012

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

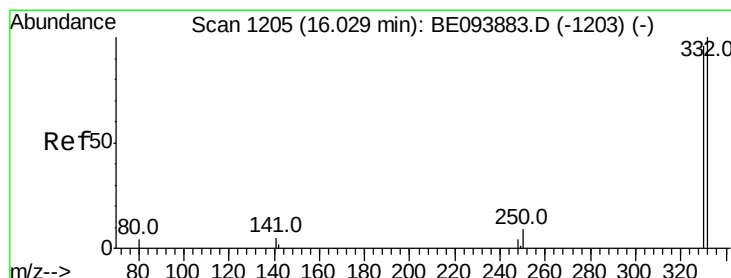
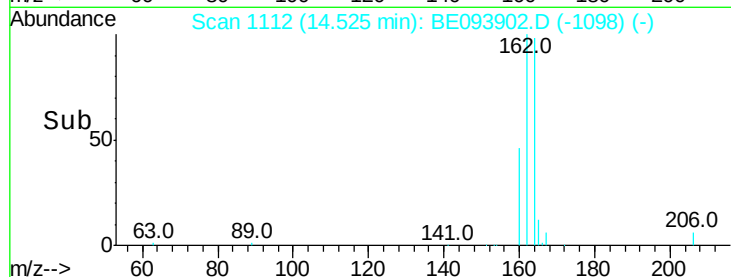
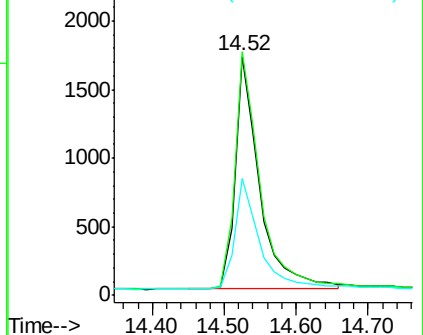
160 48.7 37.0 55.4



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



#14

2,4,6-Tribromophenol

Concen: 0.329 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

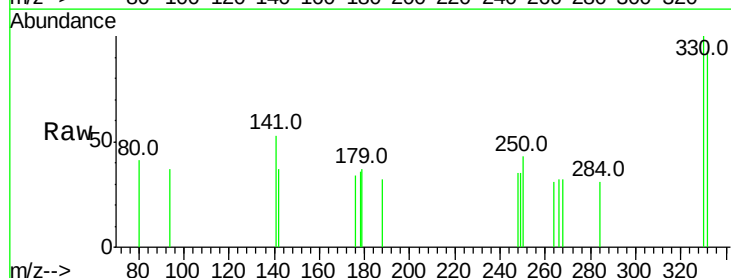
Tgt Ion:330 Resp: 354

Ion Ratio Lower Upper

330 100

332 92.9 76.9 115.3

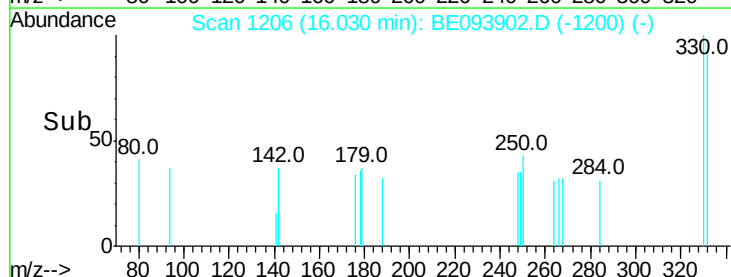
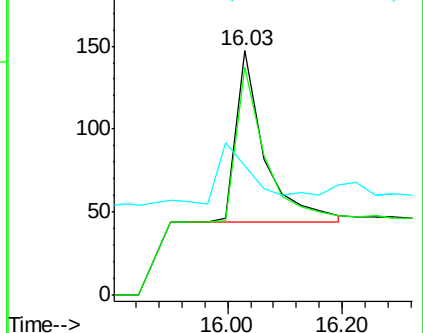
141 0.0 0.0 0.0

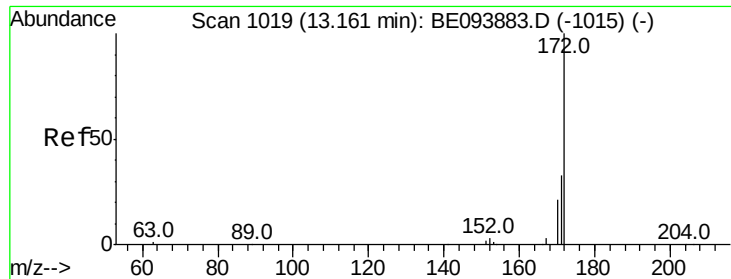


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

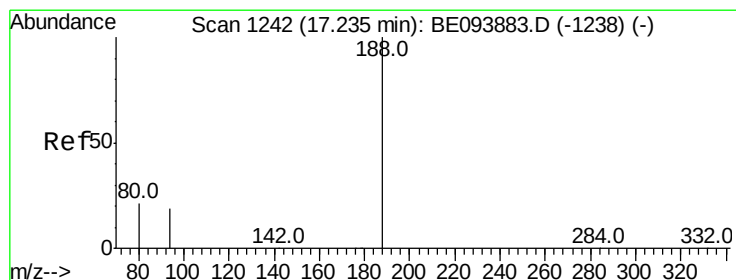
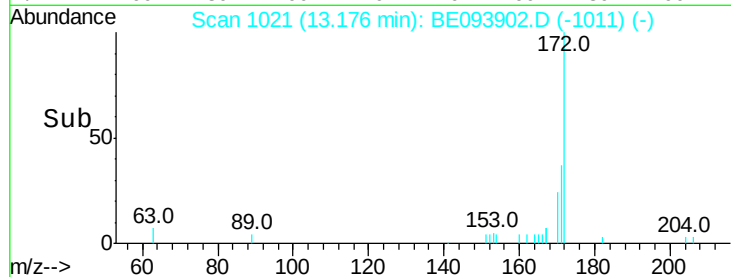
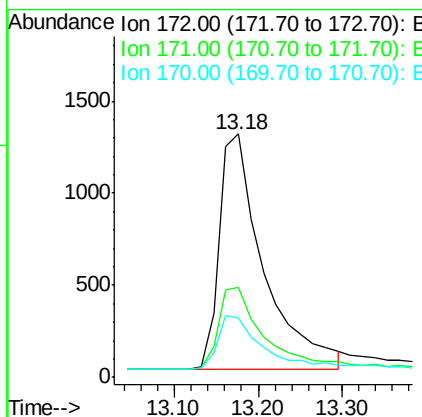
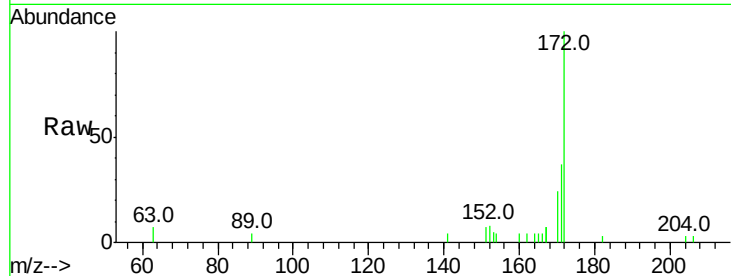




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE093902.D
Acq: 1 Sep 2017 15:07

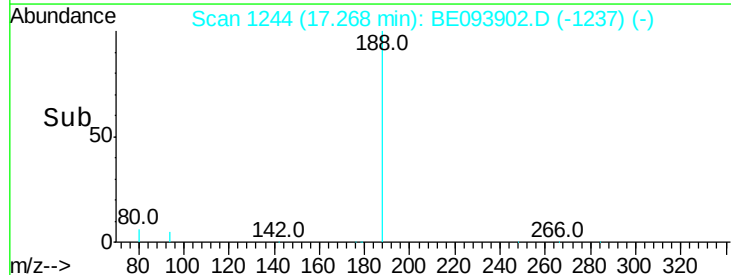
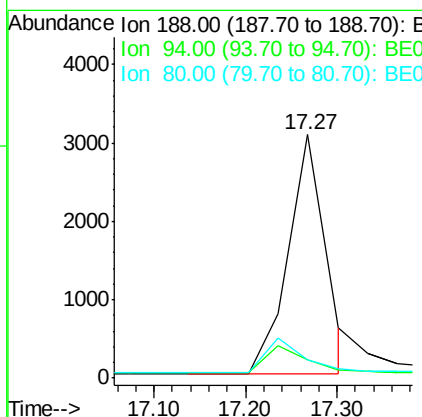
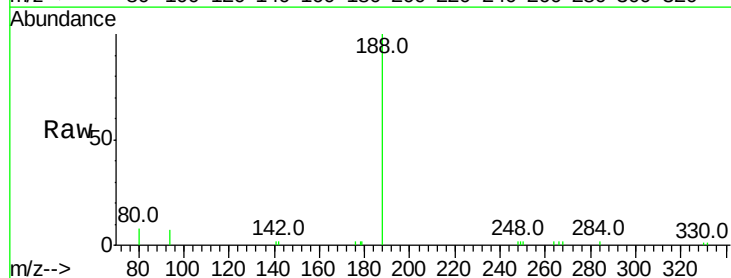
Instrument :
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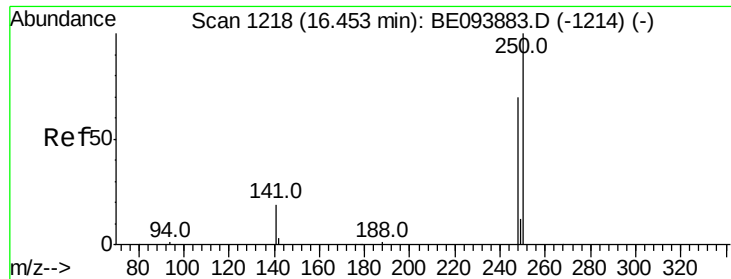
Tot Ion:172 Resp: 4670
Ion Ratio Lower Upper
172 100
171 36.9 26.9 40.3
170 24.4 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE093902.D
Acq: 1 Sep 2017 15:07

Tgt Ion:188 Resp: 8646
Ion Ratio Lower Upper
188 100
94 7.3 16.1 24.1#
80 7.6 18.2 27.2#

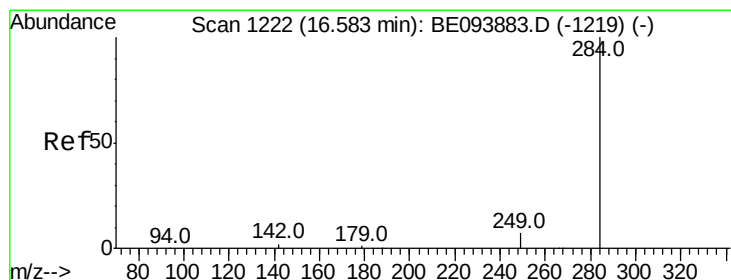
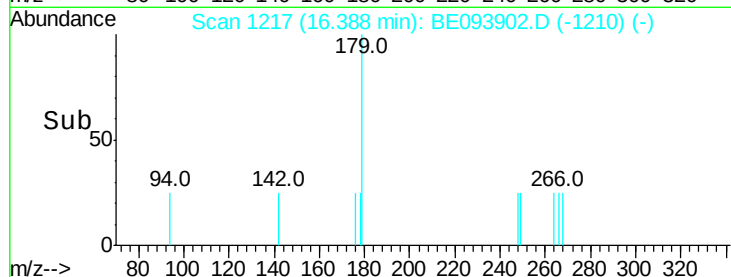
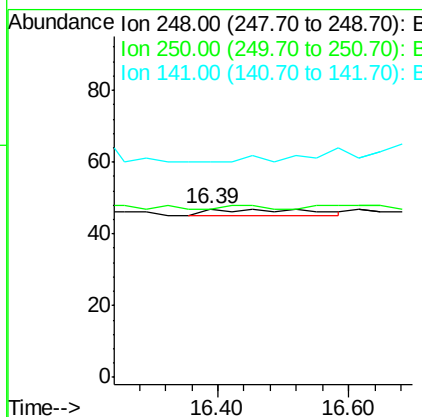
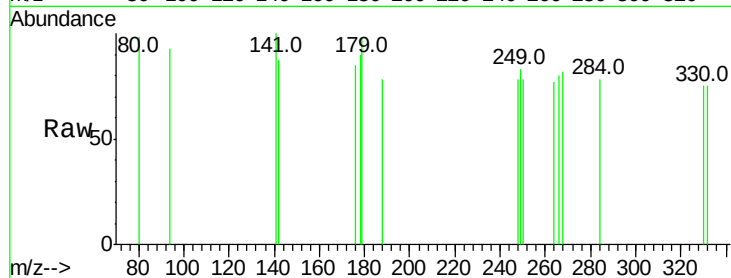




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.39 min Scan# 1217
Delta R.T. -0.06 min
Lab File: BE093902.D
Acq: 1 Sep 2017 15:07

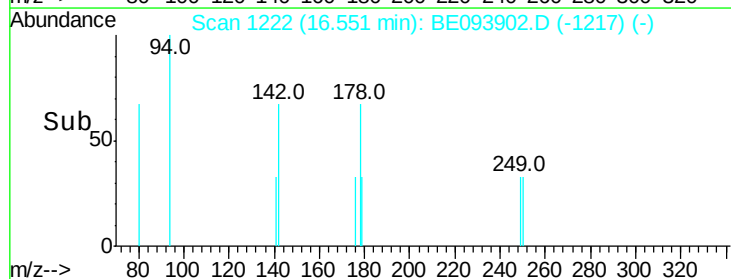
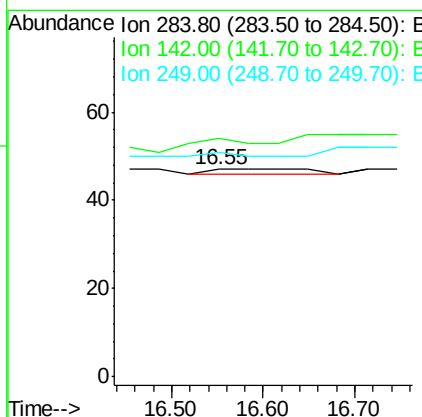
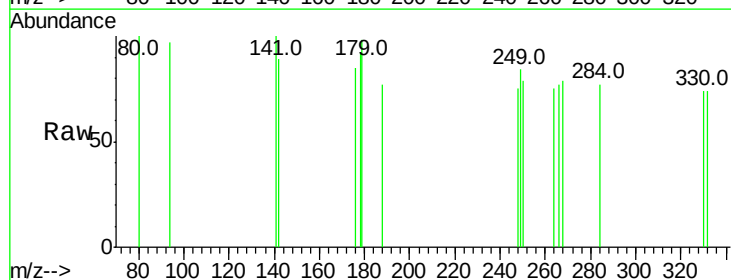
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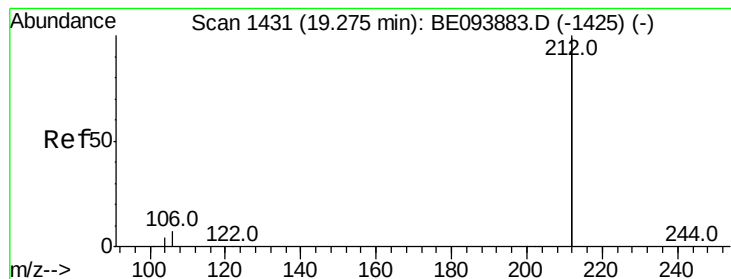
Tot Ion:248 Resp: 20
Ion Ratio Lower Upper
248 100
250 100.0 111.8 167.8#
141 127.7 27.1 40.7#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093902.D
Acq: 1 Sep 2017 15:07

Tgt Ion:284 Resp: 8
Ion Ratio Lower Upper
284 100
142 175.0 0.0 0.0#
249 25.0 0.0 0.0#





#25

Fluoranthene-d10

Concen: 0.457 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

Instrument :

BNA_E

ClientSampleId :

PB101940BL

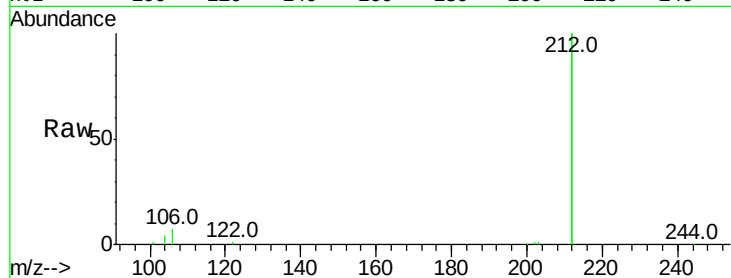
Tot Ion:212 Resp: 45551

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

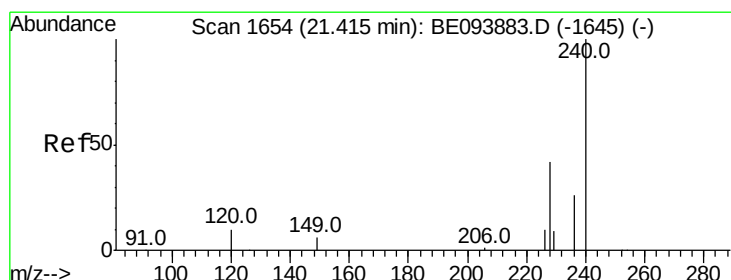
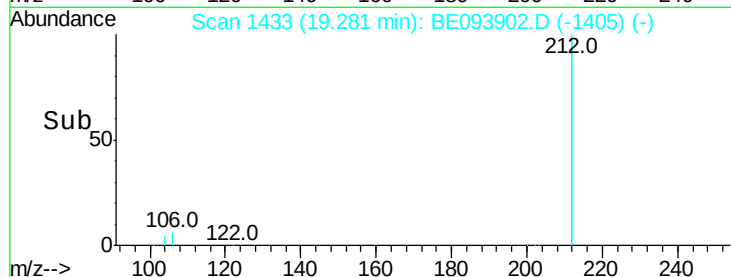
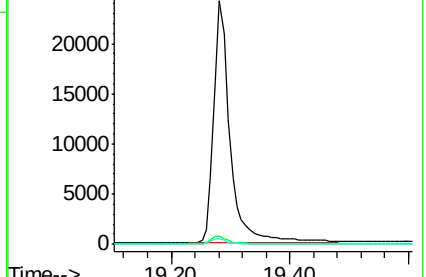
104 1.9 1.6 2.4



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: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

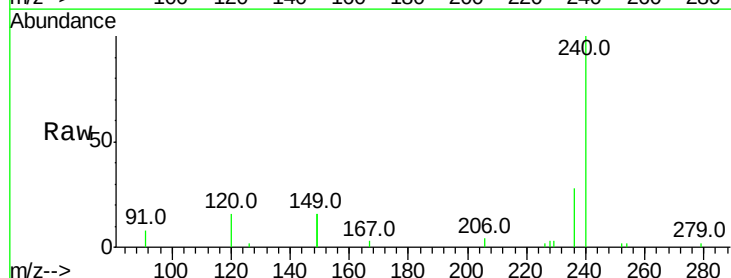
Tgt Ion:240 Resp: 12393

Ion Ratio Lower Upper

240 100

120 16.5 8.7 13.1#

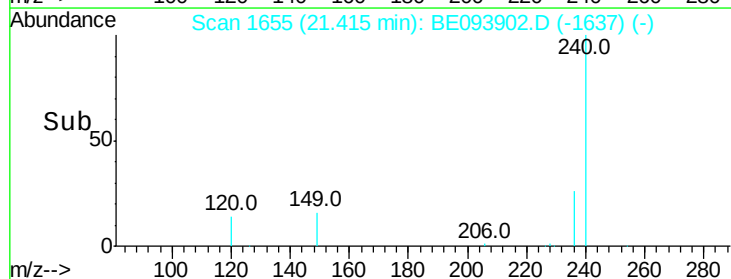
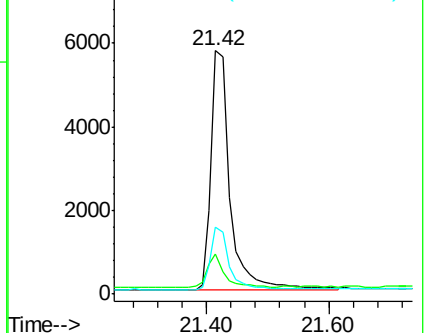
236 27.8 21.3 31.9

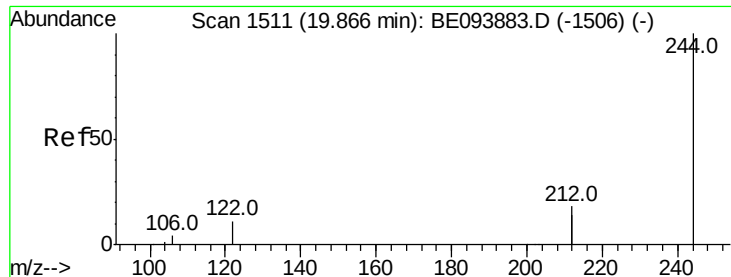


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.380 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

Instrument :

BNA_E

ClientSampleId :

PB101940BL

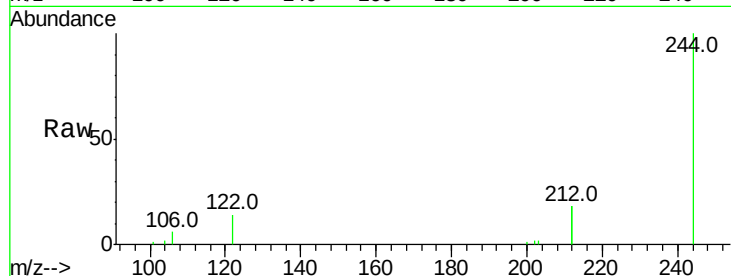
Tot Ion:244 Resp: 8531

Ion Ratio Lower Upper

244 100

212 36.8 28.3 42.5

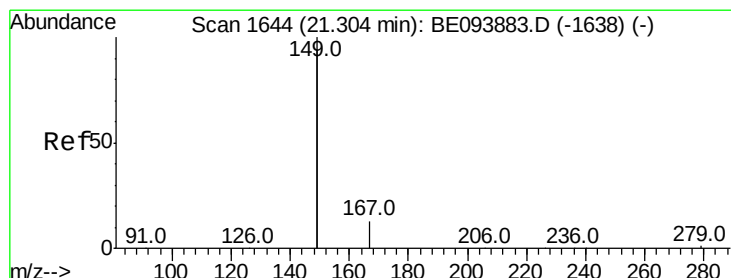
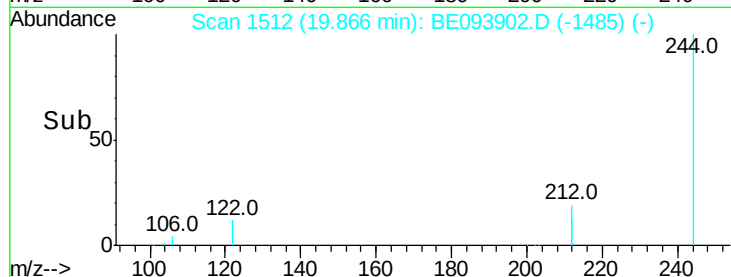
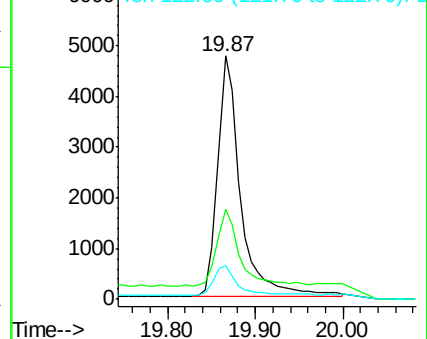
122 13.7 9.4 14.0



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: 0.088 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093902.D

Acq: 1 Sep 2017 15:07

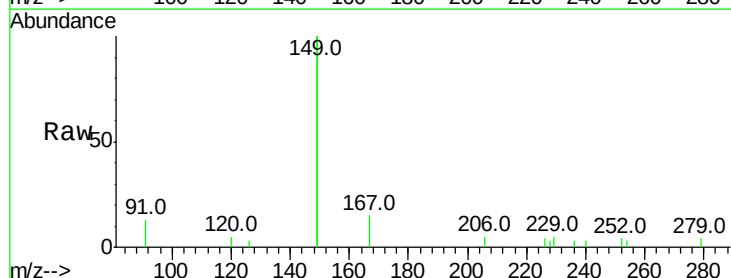
Tgt Ion:149 Resp: 6839

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

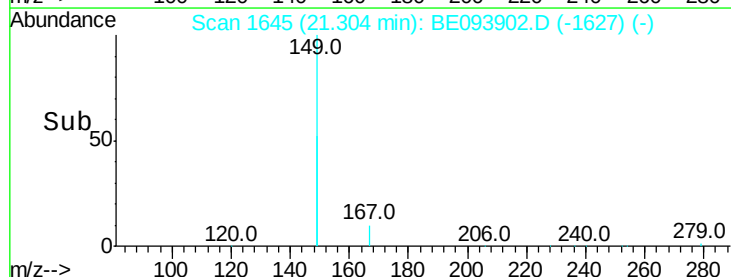
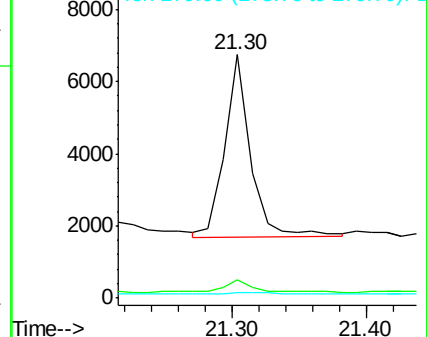
279 1.2 0.7 1.1#

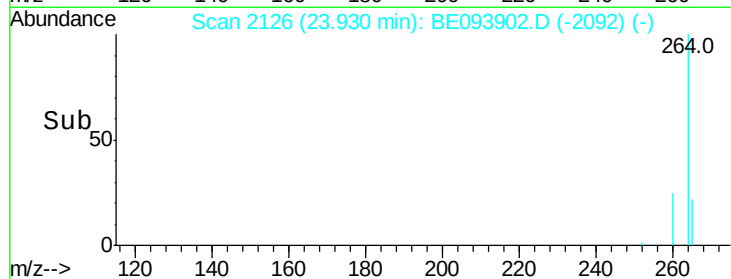
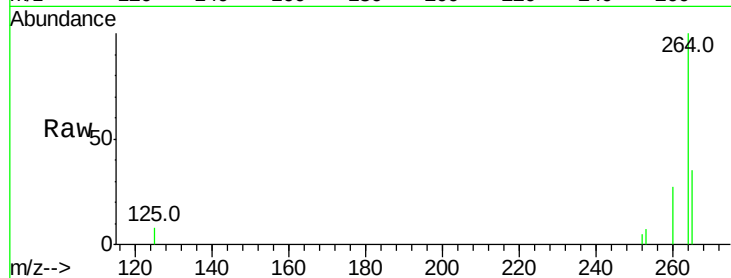
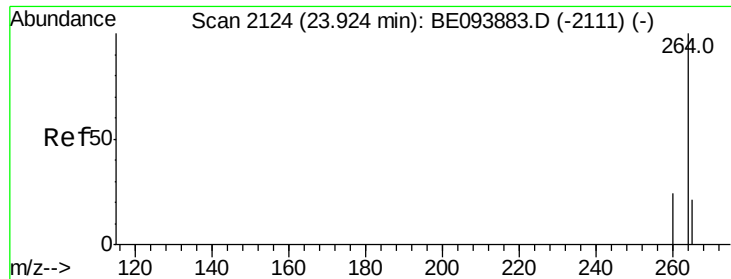


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BE093902.D
Acq: 1 Sep 2017 15:07

Instrument :
BNA_E
ClientSampleId :
PB101940BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.0	20.0	30.0
265	34.7	24.0	36.0

