

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
 Data File : BE093986.D
 Acq On : 13 Sep 2017 13:14
 Operator : SJ/JU
 Sample : PB102256BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102256BL

Quant Time: Sep 14 00:52:58 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

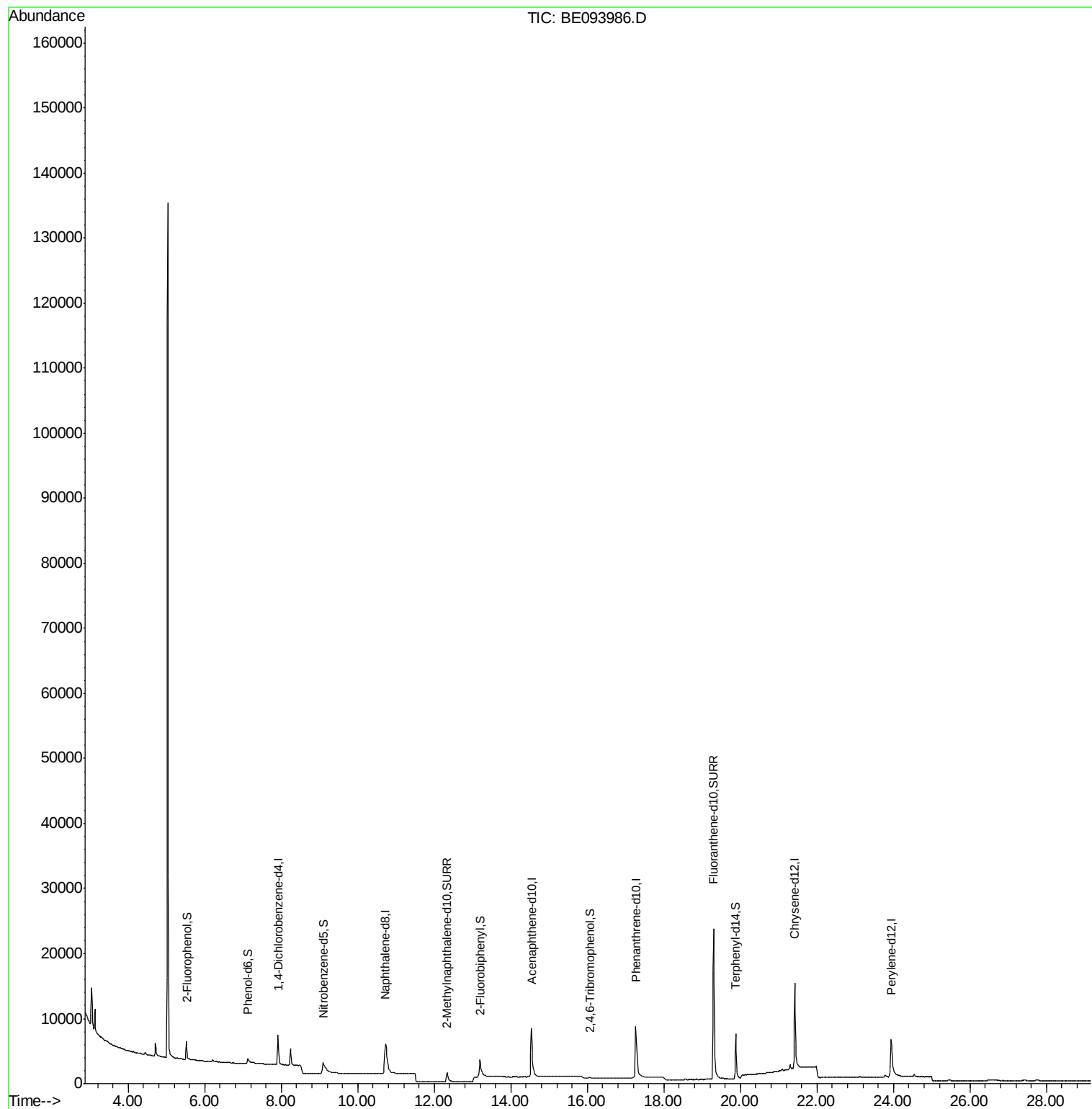
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2608	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	11761	0.40	ng	0.02
13) Acenaphthene-d10	14.54	164	7418	0.40	ng	0.01
19) Phenanthrene-d10	17.27	188	20809	0.40	ng	0.00
27) Chrysene-d12	21.43	240	19755	0.40	ng	0.00
34) Perylene-d12	23.94	264	14233	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1817	0.22	ng	0.00
5) Phenol-d6	7.13	99	2017	0.16	ng	0.01
8) Nitrobenzene-d5	9.10	82	1999	0.20	ng	0.02
11) 2-Methylnaphthalene-d10	12.33	152	4425	0.24	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	278	0.12	ng	0.03
15) 2-Fluorobiphenyl	13.19	172	5782	0.20	ng	0.03
25) Fluoranthene-d10	19.30	212	49842	0.16	ng	0.02
29) Terphenyl-d14	19.88	244	9151	0.25	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.29	248	16	Below Cal	#	41
23) Phenanthrene	17.30	178	63	Below Cal	#	63

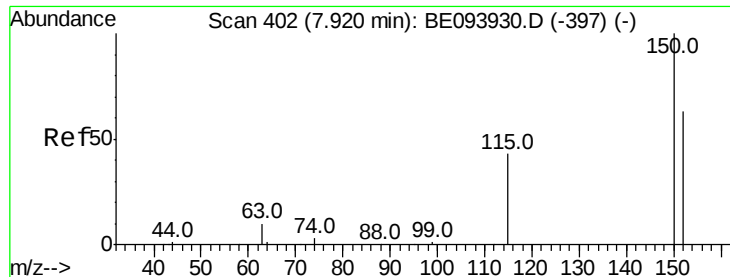
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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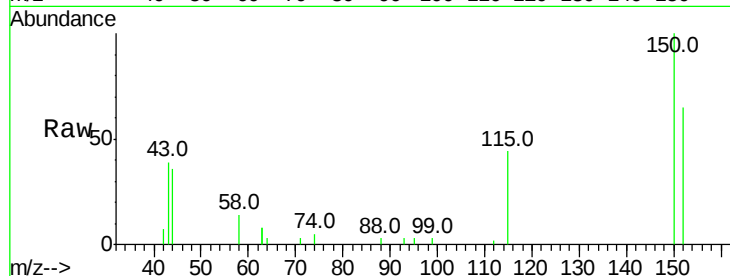


#1

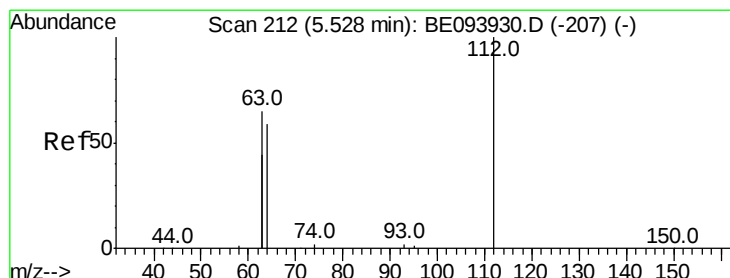
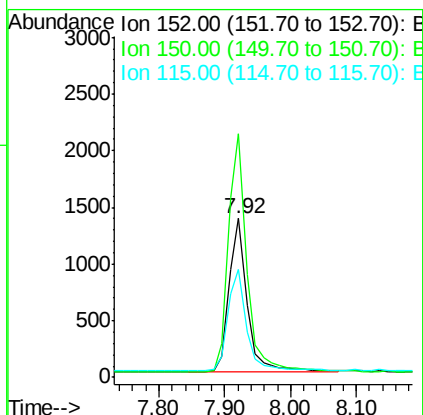
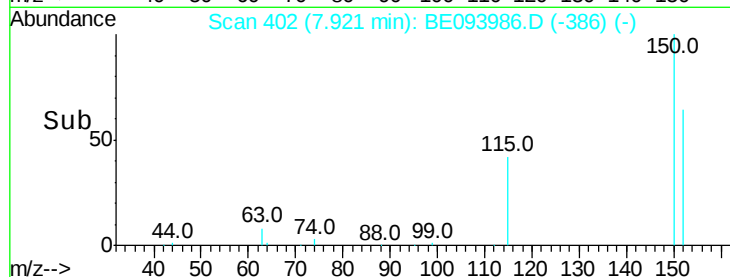
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

Instrument :
BNA_E
ClientSampleId :
PB102256BL

Tot Ion:152 Resp: 2608
Ion Ratio Lower Upper
152 100
150 153.3 121.8 182.6
115 68.0 52.6 79.0



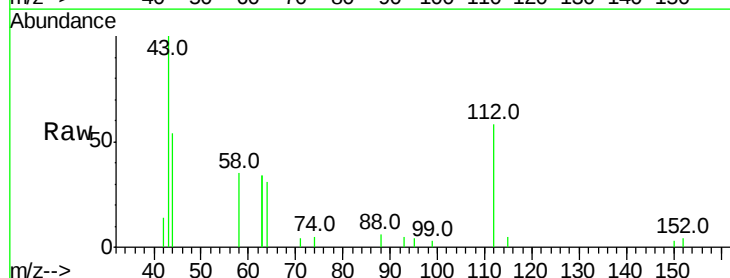
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



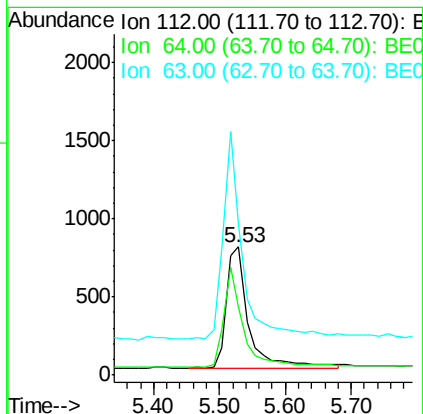
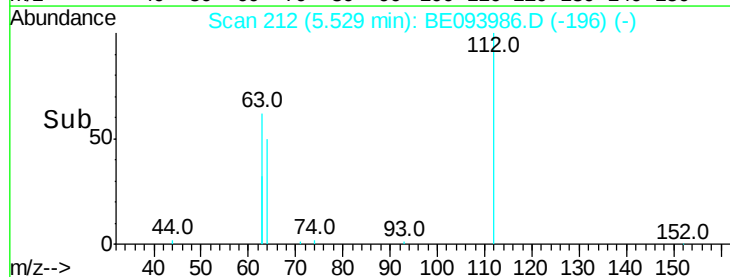
#4

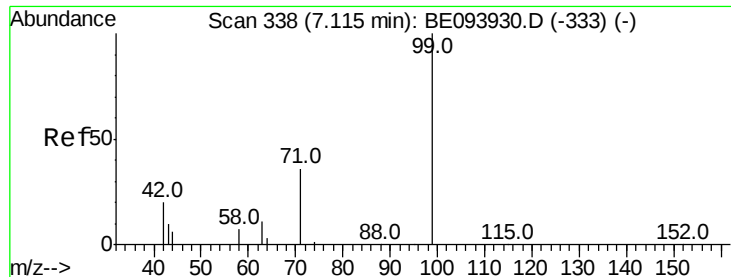
2-Fluorophenol
Concen: 0.215 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

Tgt Ion:112 Resp: 1817
Ion Ratio Lower Upper
112 100
64 69.6 57.7 86.5
63 148.4 116.0 174.0



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: 0.159 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Instrument :

BNA_E

ClientSampleId :

PB102256BL

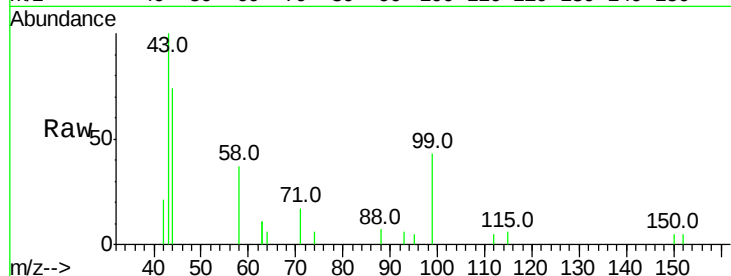
Tot Ion: 99 Resp: 2017

Ion Ratio Lower Upper

99 100

42 15.9 17.1 25.7#

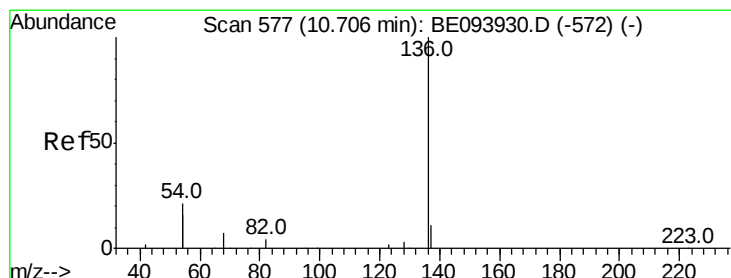
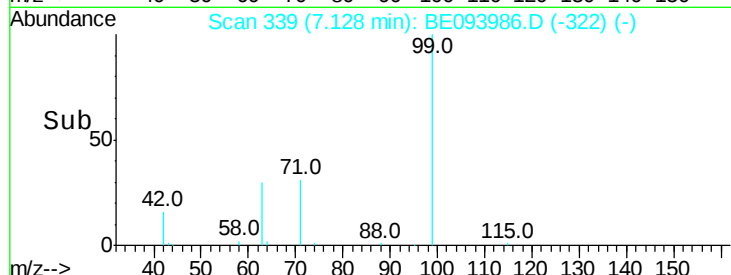
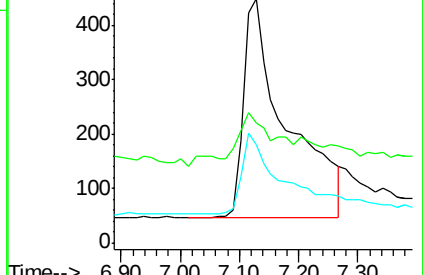
71 35.8 26.6 39.8



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: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Tgt Ion: 136 Resp: 11761

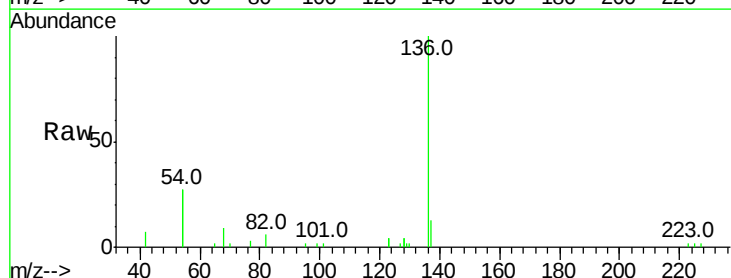
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 53.7 21.9 32.9#

68 9.2 4.6 7.0#

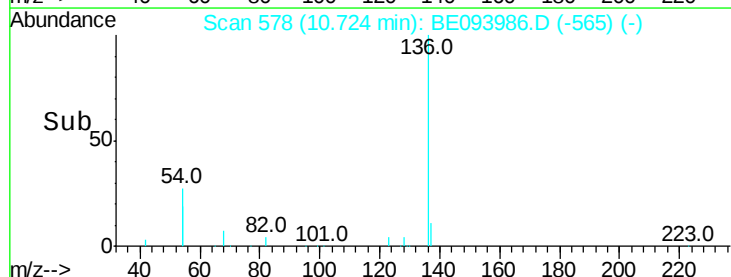
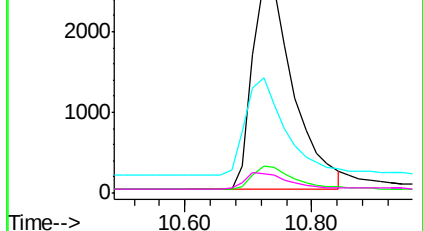


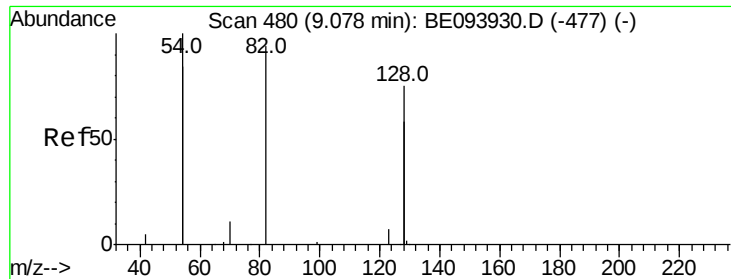
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.201 ng

RT: 9.10 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Instrument :

BNA_E

ClientSampleId :

PB102256BL

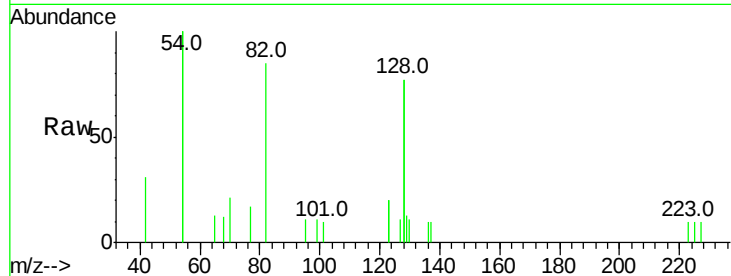
Tot Ion: 82 Resp: 1999

Ion Ratio Lower Upper

82 100

128 182.9 91.4 137.0#

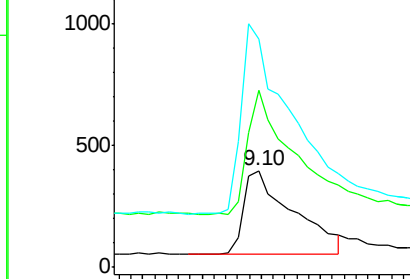
54 236.2 197.8 296.8



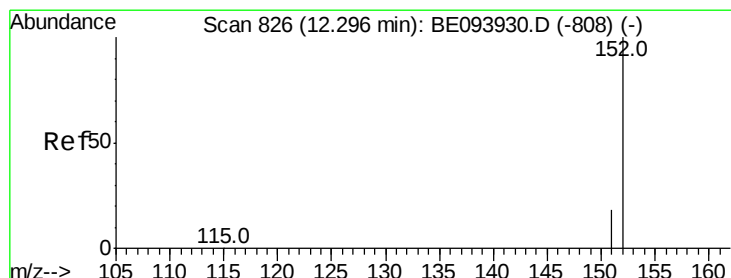
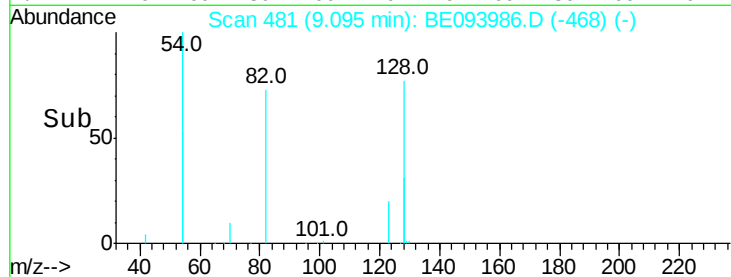
Abundance Ion 82.00 (81.70 to 82.70): BE093930.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093930.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093930.D (-477) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.235 ng

RT: 12.33 min Scan# 835

Delta R.T. 0.03 min

Lab File: BE093986.D

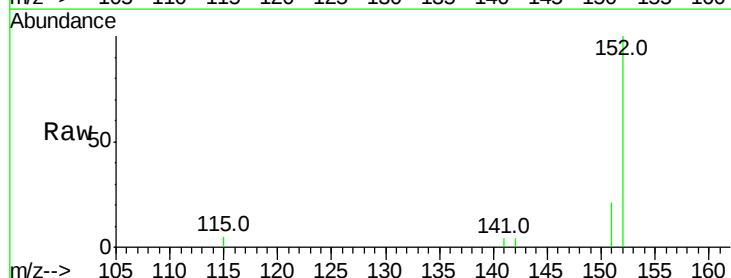
Acq: 13 Sep 2017 13:14

Tgt Ion: 152 Resp: 4425

Ion Ratio Lower Upper

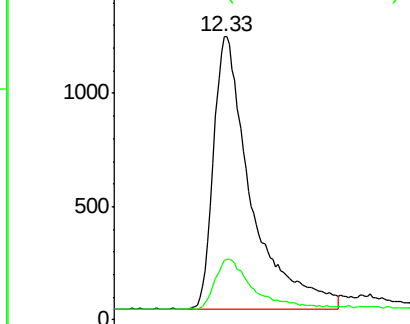
152 100

151 18.7 15.4 23.0

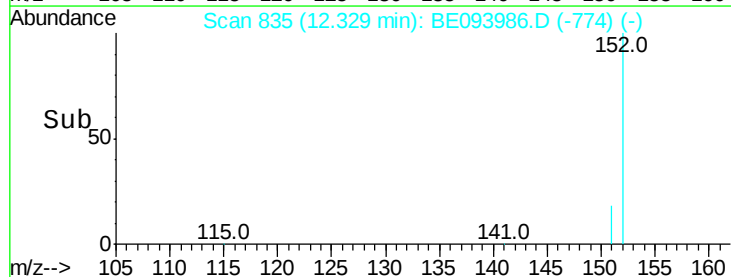


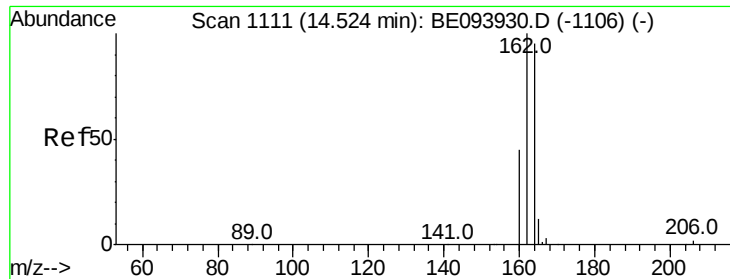
Abundance Ion 152.00 (151.70 to 152.70): BE093930.D (-808) (-)

Ion 151.00 (150.70 to 151.70): BE093930.D (-808) (-)



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Instrument :

BNA_E

ClientSampleId :

PB102256BL

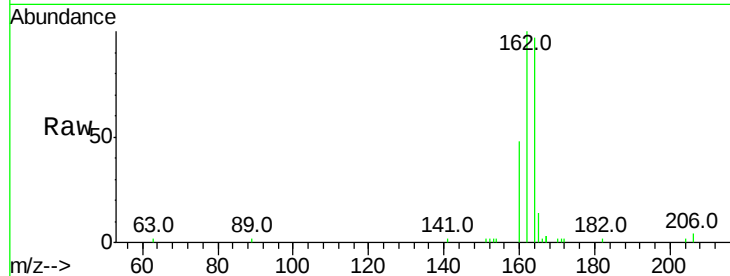
Tot Ion:164 Resp: 7418

Ion Ratio Lower Upper

164 100

162 103.2 80.8 121.2

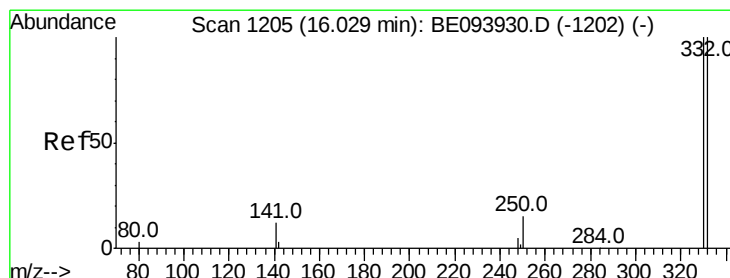
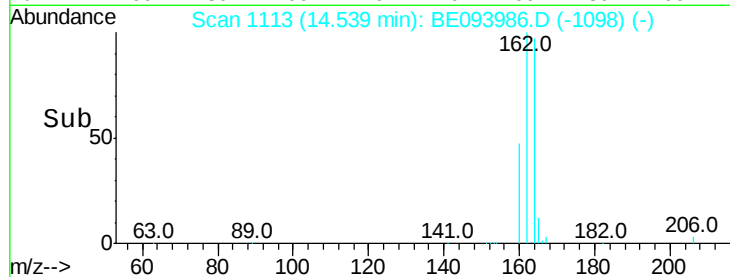
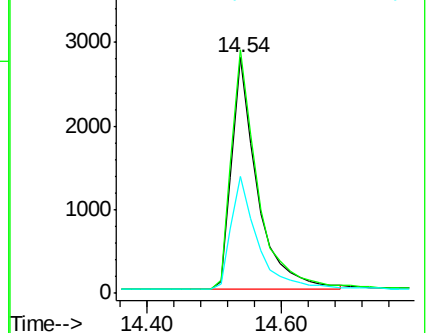
160 49.3 37.0 55.4



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: 0.121 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

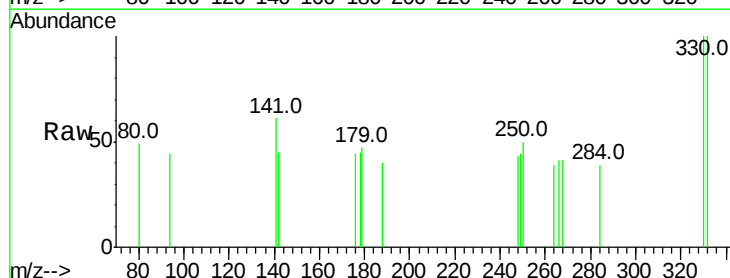
Tgt Ion:330 Resp: 278

Ion Ratio Lower Upper

330 100

332 98.6 76.9 115.3

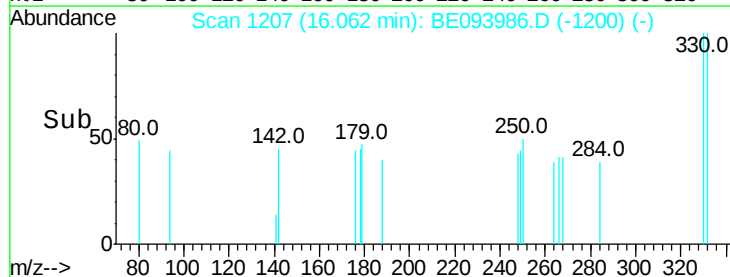
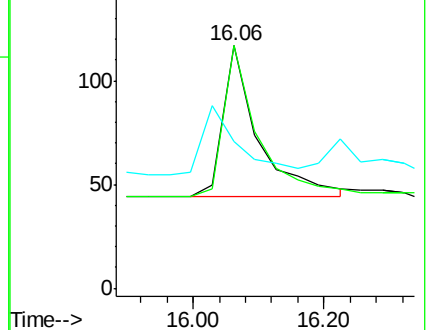
141 0.0 0.0 0.0

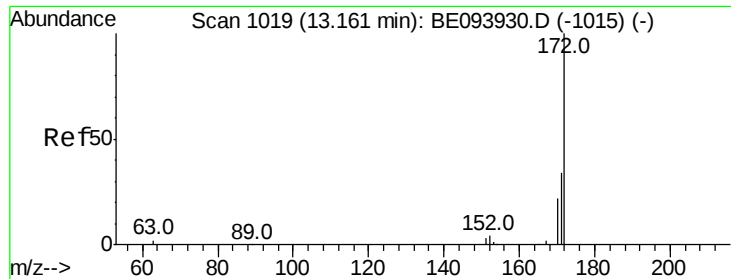


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

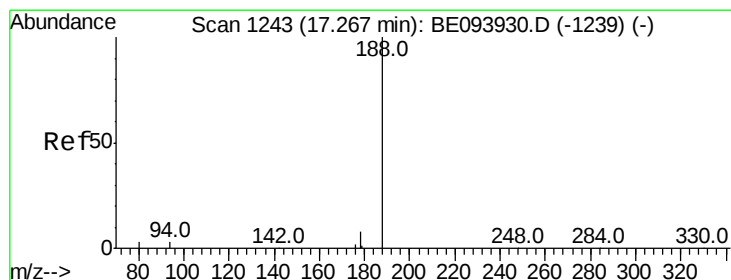
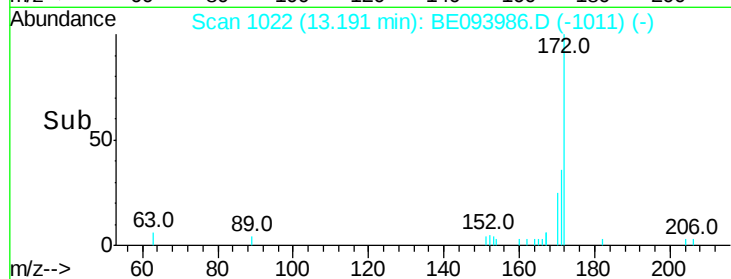
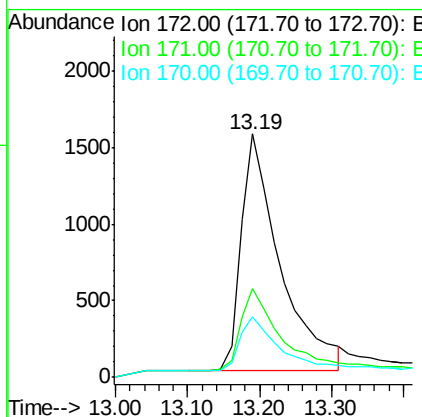
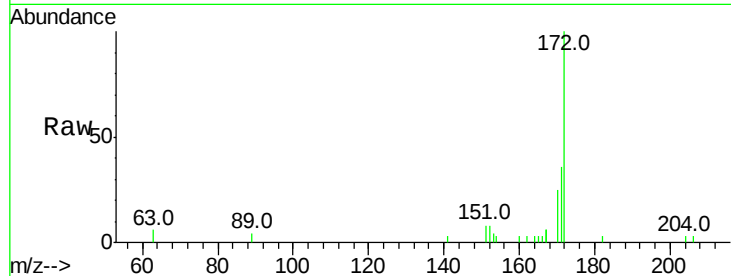




#15
2-Fluorobiphenyl
Concen: 0.197 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.03 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

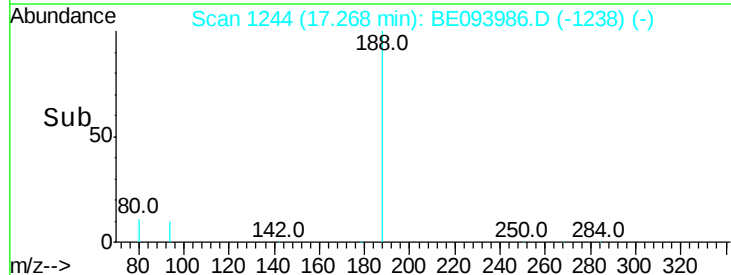
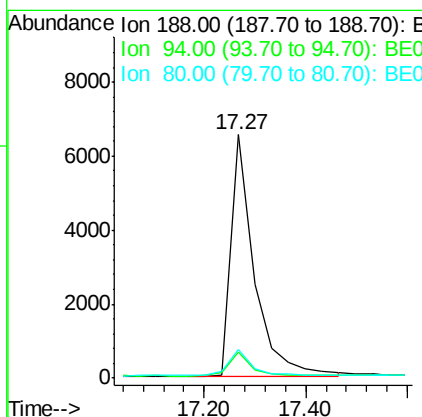
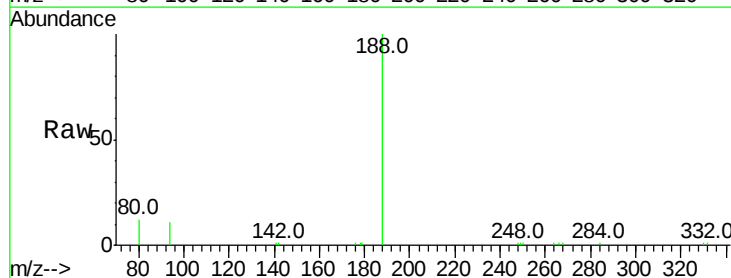
Instrument :
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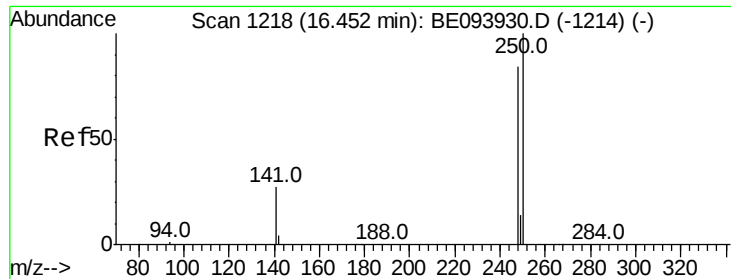
Tot Ion:172 Resp: 5782
Ion Ratio Lower Upper
172 100
171 36.2 26.9 40.3
170 25.0 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093986.D
Acq: 13 Sep 2017 13:14

Tgt Ion:188 Resp: 20809
Ion Ratio Lower Upper
188 100
94 10.6 16.1 24.1#
80 11.6 18.2 27.2#





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.29 min Scan# 1214

Delta R.T. -0.16 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Instrument :

BNA_E

ClientSampleId :

PB102256BL

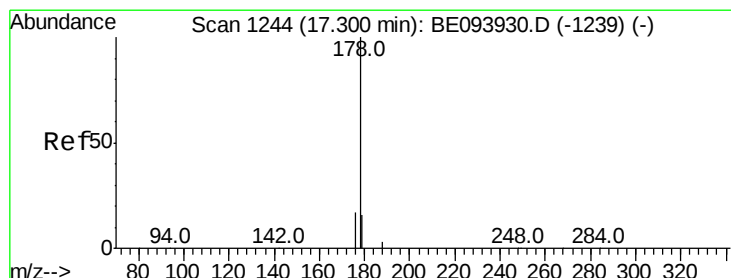
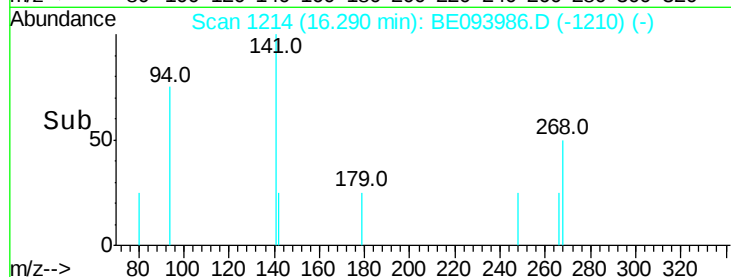
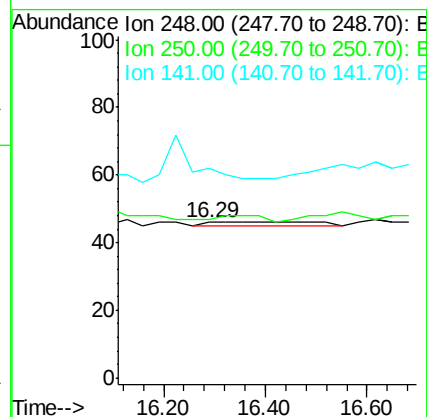
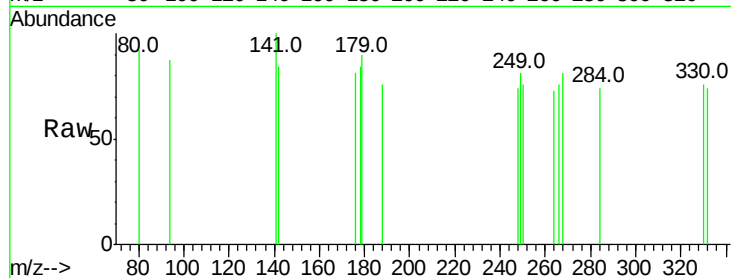
Tot Ion:248 Resp: 16

Ion Ratio Lower Upper

248 100

250 102.2 111.8 167.8#

141 134.8 27.1 40.7#



#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

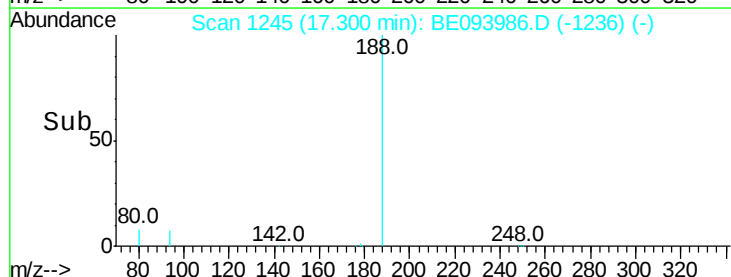
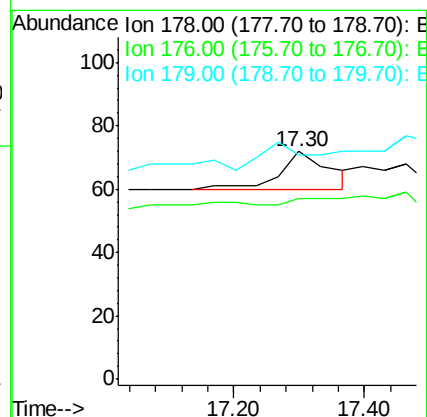
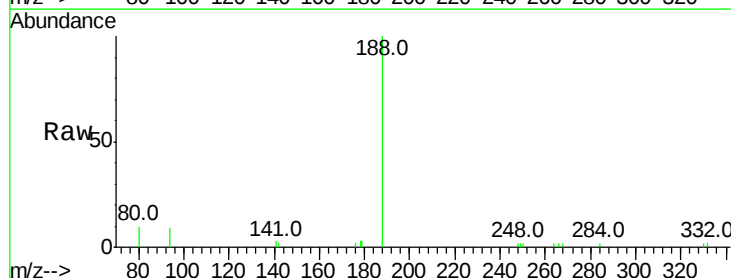
Tgt Ion:178 Resp: 63

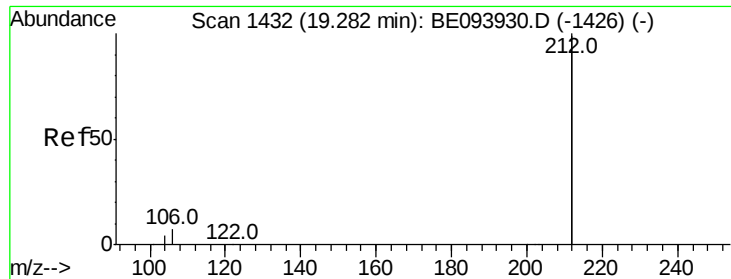
Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

179 0.0 12.6 18.8#

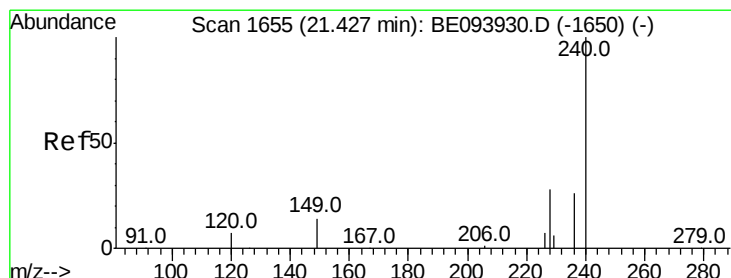
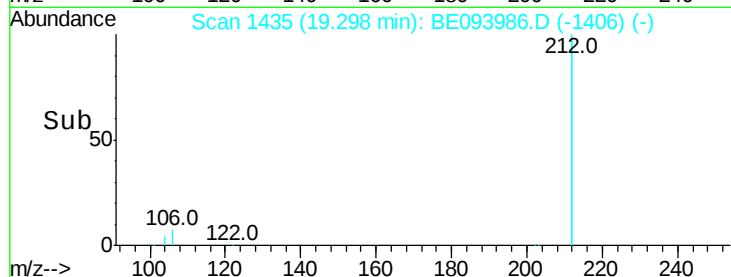
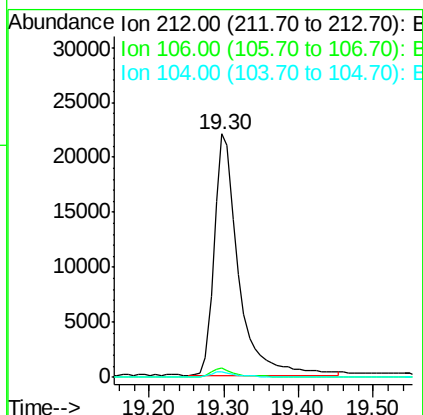
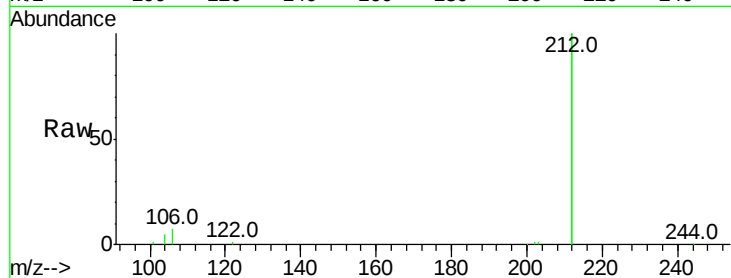




#25
 Fluoranthene-d10
 Concen: 0.161 ng
 RT: 19.30 min Scan# 1435
 Delta R.T. 0.02 min
 Lab File: BE093986.D
 Acq: 13 Sep 2017 13:14

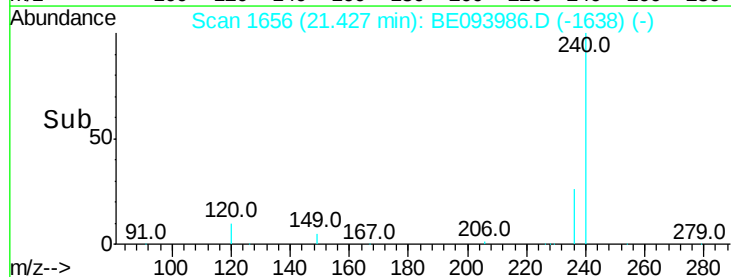
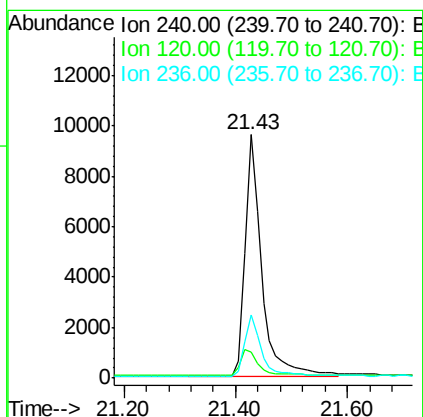
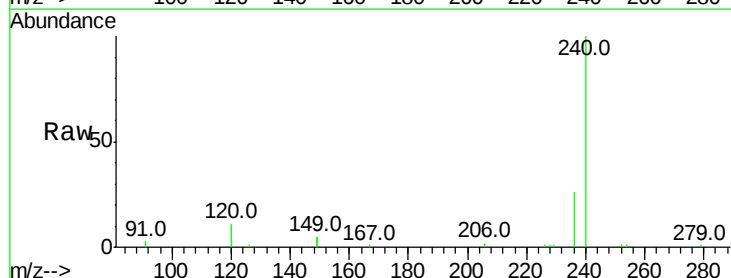
Instrument :
 BNA_E
 ClientSampleId :
 PB102256BL

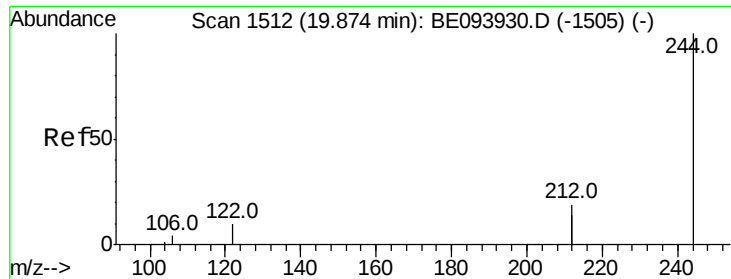
Tot Ion:212 Resp: 49842
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.7 4.1
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE093986.D
 Acq: 13 Sep 2017 13:14

Tgt Ion:240 Resp: 19755
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.7 13.1
 236 26.1 21.3 31.9





#29

Terphenyl-d14

Concen: 0.252 ng

RT: 19.88 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

Instrument :

BNA_E

ClientSampleId :

PB102256BL

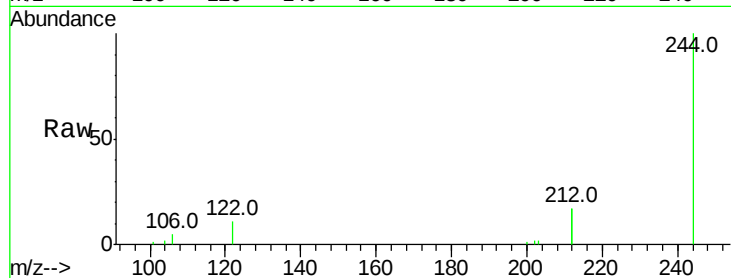
Tot Ion:244 Resp: 9151

Ion Ratio Lower Upper

244 100

212 33.7 28.3 42.5

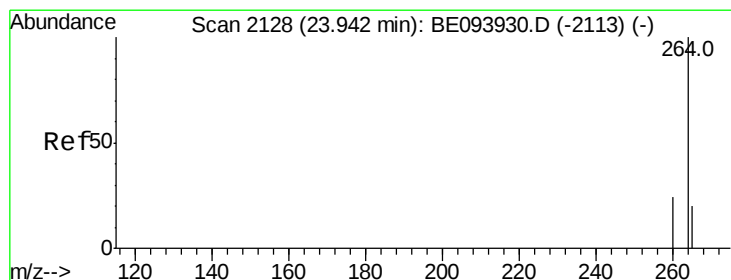
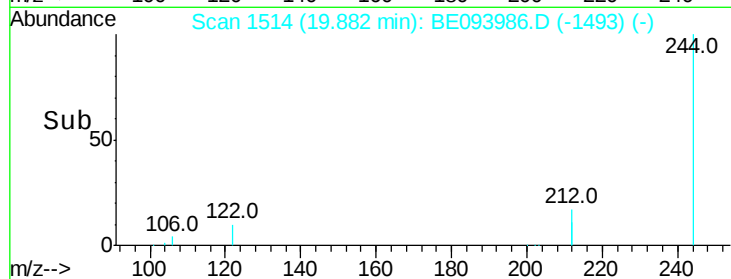
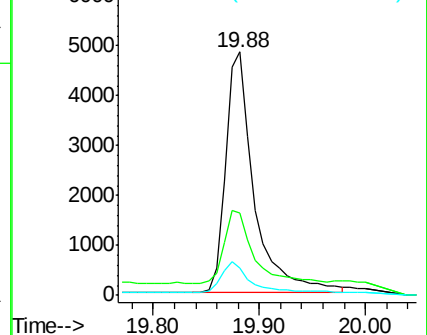
122 11.1 9.4 14.0



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093986.D

Acq: 13 Sep 2017 13:14

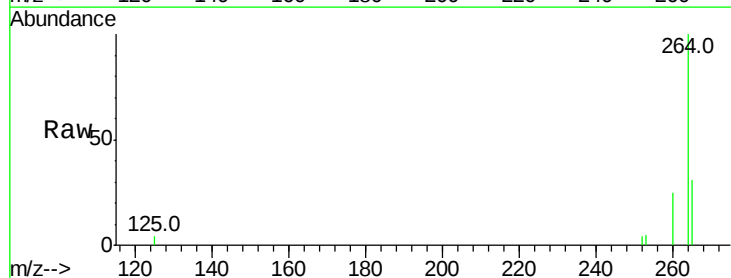
Tgt Ion:264 Resp: 14233

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 31.5 24.0 36.0



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

