

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093922.D
 Acq On : 2 Sep 2017 6:32
 Operator : SJ/JU
 Sample : I4963-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3829-PA1

Quant Time: Sep 04 01:36:29 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

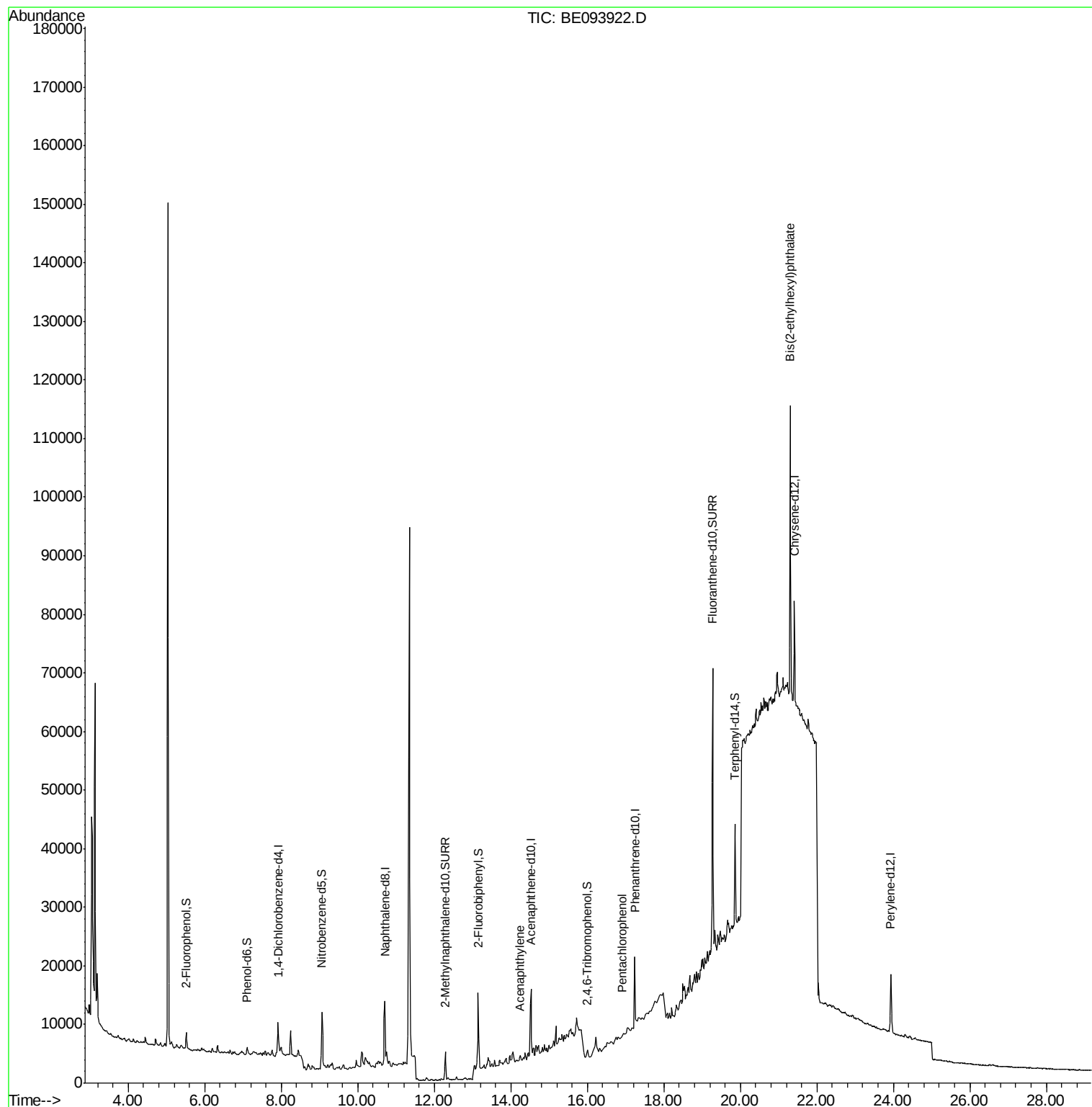
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2833	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13783	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	8123	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18731	0.40	ng	0.00
27) Chrysene-d12	21.42	240	17879	0.40	ng	0.00
34) Perylene-d12	23.93	264	15508	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1616	0.19	ng	0.00
5) Phenol-d6	7.10	99	1500	0.11	ng	0.01
8) Nitrobenzene-d5	9.06	82	4440	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	6725	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	909	0.42	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	12005	0.37	ng	-0.01
25) Fluoranthene-d10	19.27	212	66847	0.31	ng	0.00
29) Terphenyl-d14	19.86	244	15754	0.49	ng	0.00
Target Compounds						
16) Acenaphthylene	14.24	152	961	0.024	ng	# 71
22) Pentachlorophenol	16.91	266	250	0.085	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.30	149	56842	0.508	ng	# 99

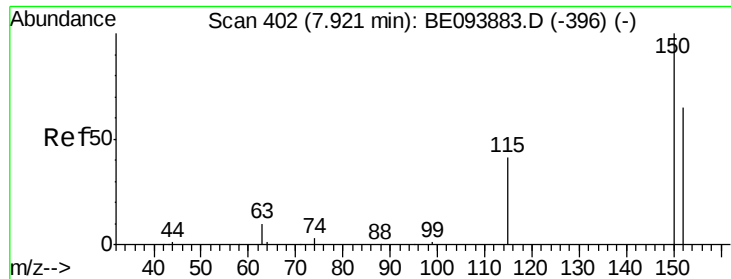
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 01 16:31:36 2017
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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: BE093922.D

Acq: 2 Sep 2017 6:32

Instrument :

BNA_E

ClientSampleId :

3829-PA1

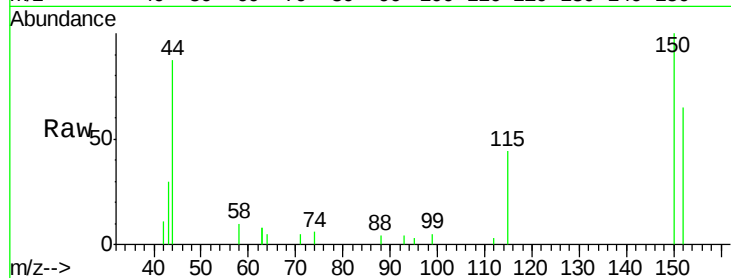
Tgt Ion:152 Resp: 2833

Ion Ratio Lower Upper

152 100

150 153.1 121.8 182.6

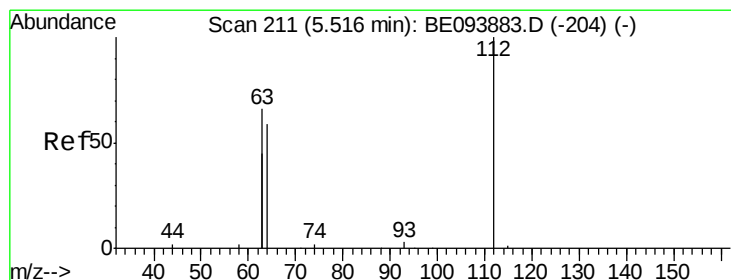
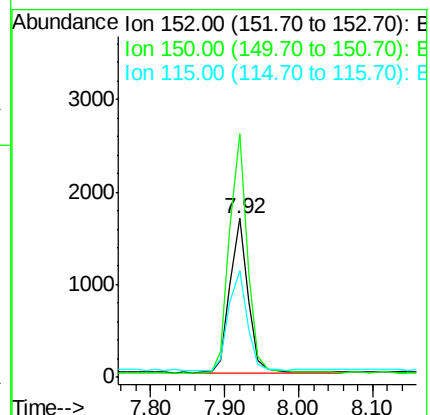
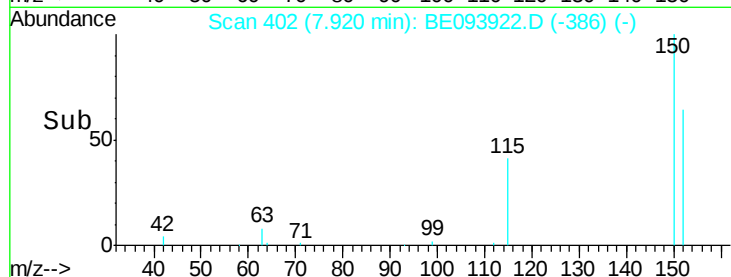
115 67.1 52.6 79.0



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: 0.185 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

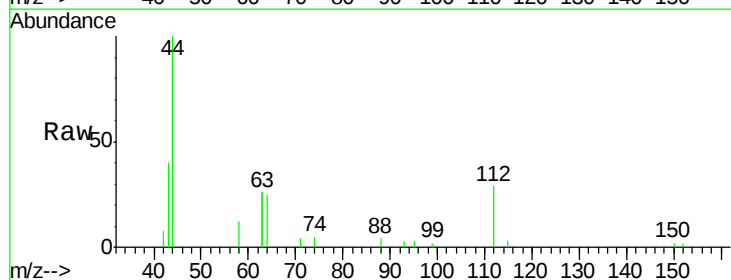
Tgt Ion:112 Resp: 1616

Ion Ratio Lower Upper

112 100

64 67.9 57.7 86.5

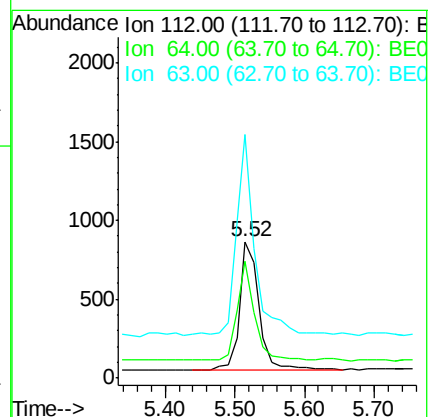
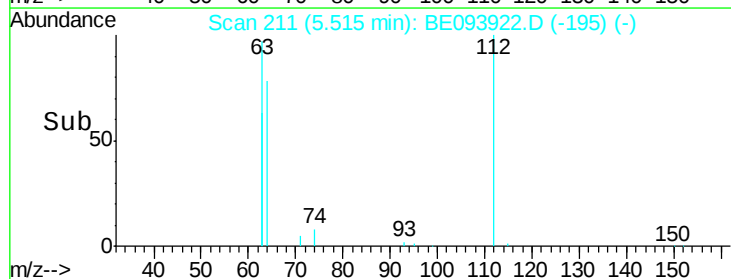
63 153.1 116.0 174.0

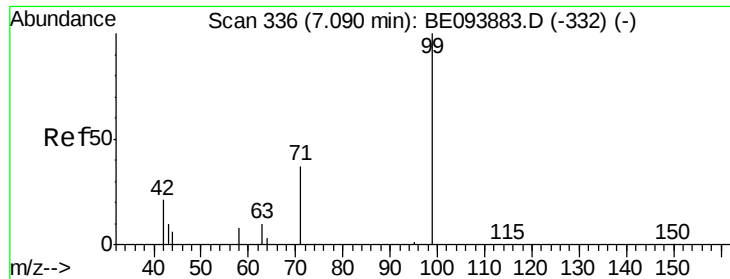


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

Instrument :

BNA_E

ClientSampleId :

3829-PA1

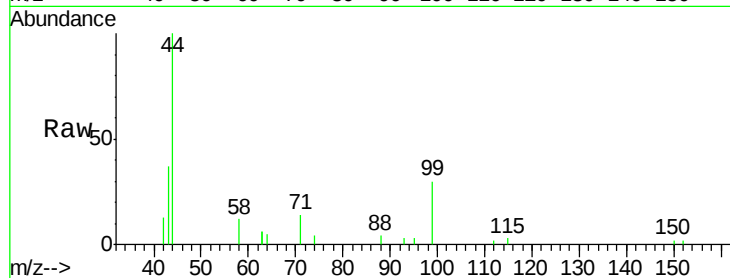
Tgt Ion: 99 Resp: 1500

Ion Ratio Lower Upper

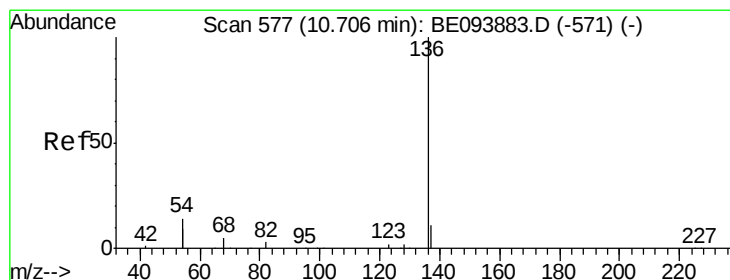
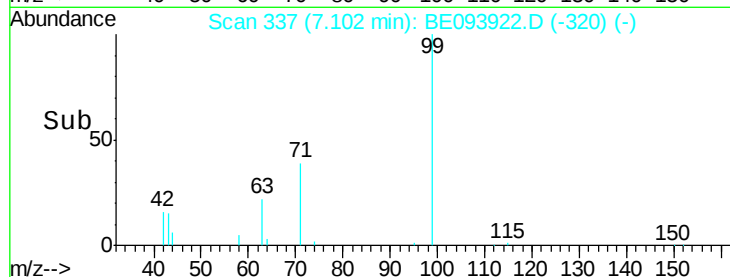
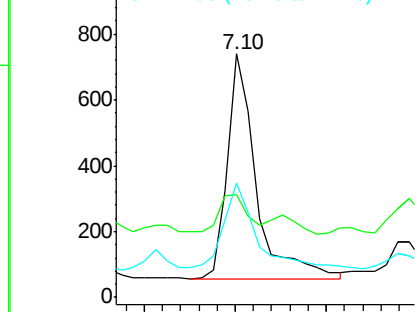
99 100

42 15.7 17.1 25.7#

71 43.1 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: BE093922.D

Acq: 2 Sep 2017 6:32

Tgt Ion: 136 Resp: 13783

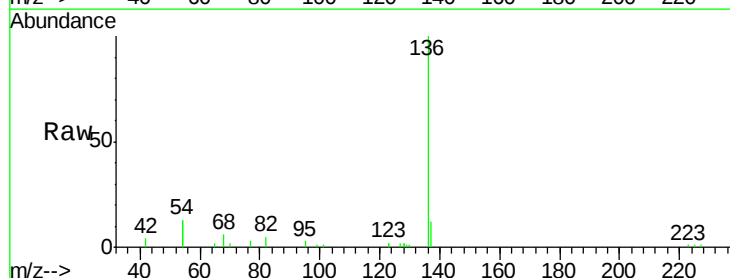
Ion Ratio Lower Upper

136 100

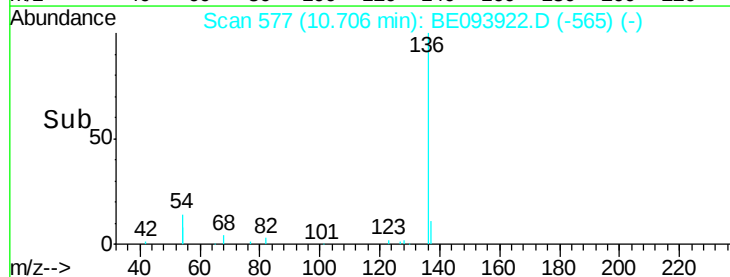
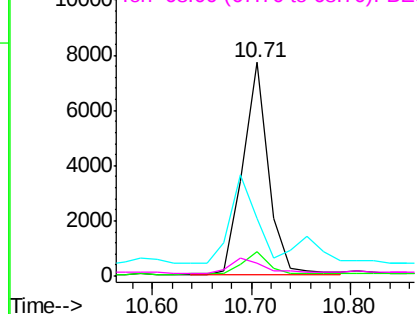
137 11.6 9.2 13.8

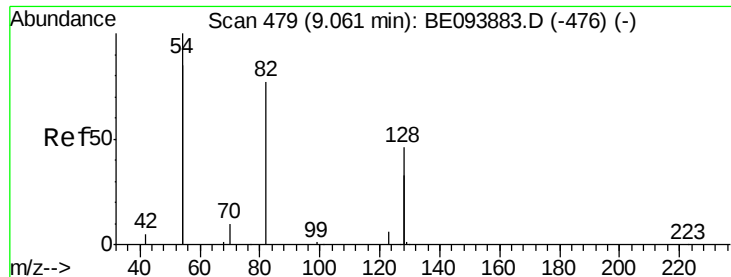
54 26.8 21.9 32.9

68 5.8 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: 0.387 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

Instrument :

BNA_E

ClientSampleId :

3829-PA1

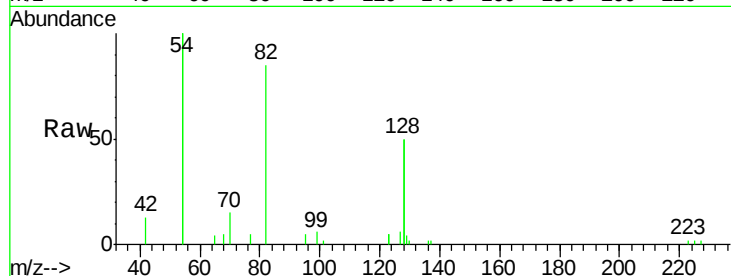
Tgt Ion: 82 Resp: 4440

Ion Ratio Lower Upper

82 100

128 117.4 91.4 137.0

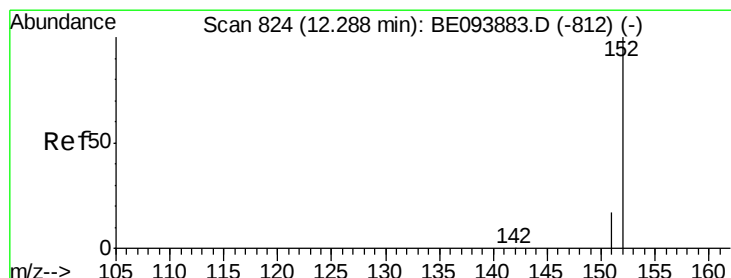
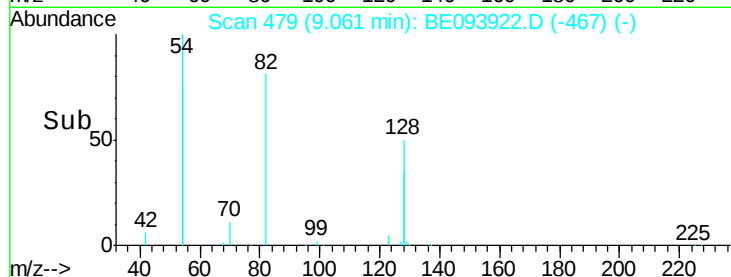
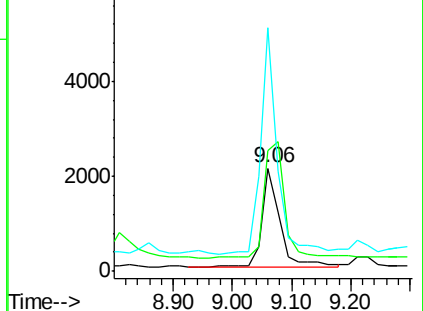
54 235.4 197.8 296.8



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: 0.308 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.00 min

Lab File: BE093922.D

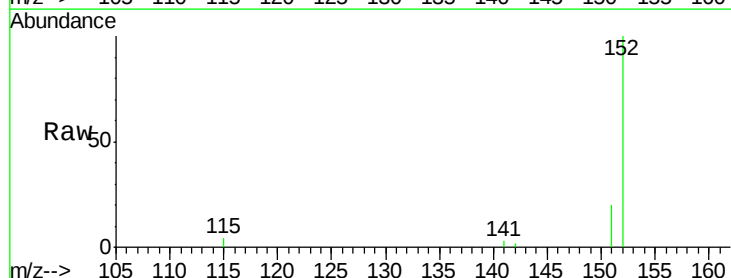
Acq: 2 Sep 2017 6:32

Tgt Ion: 152 Resp: 6725

Ion Ratio Lower Upper

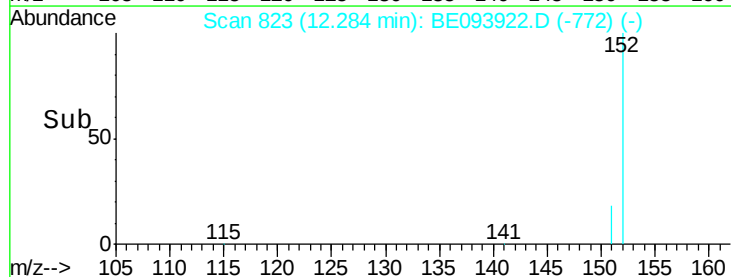
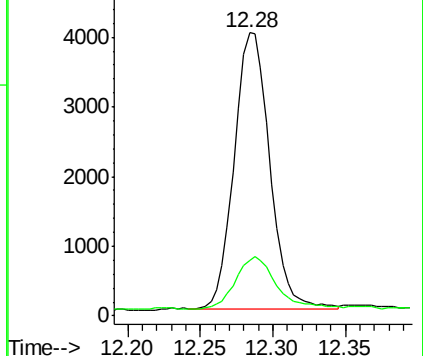
152 100

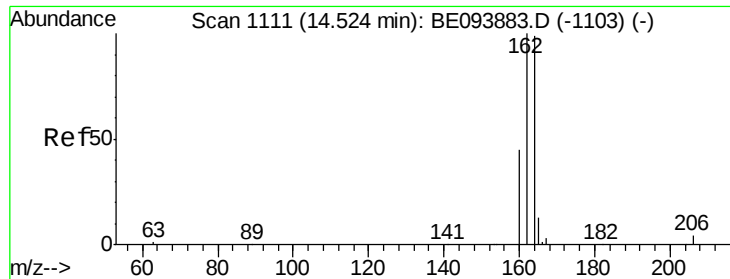
151 22.3 15.4 23.0



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: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

Instrument :

BNA_E

ClientSampleId :

3829-PA1

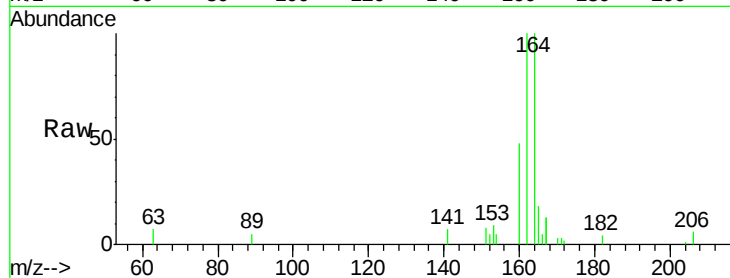
Tgt Ion:164 Resp: 8123

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

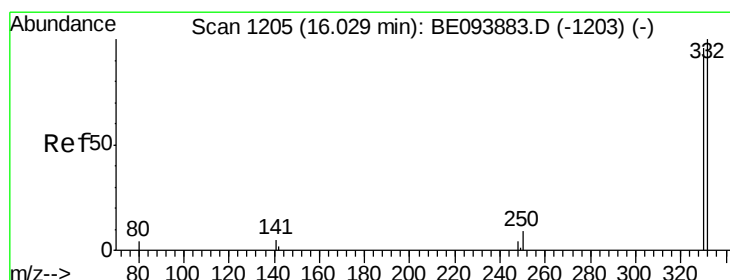
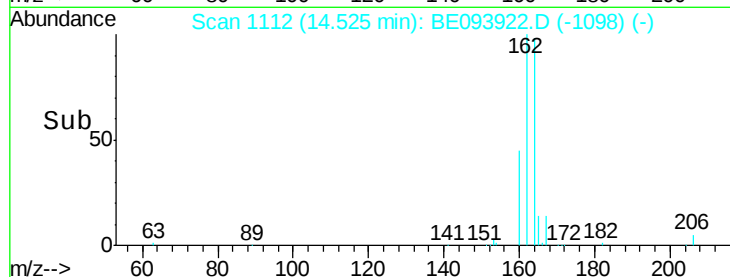
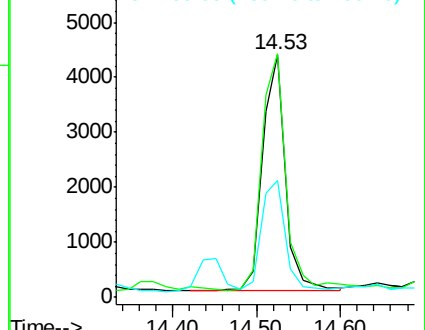
160 48.1 37.0 55.4



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: 0.418 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

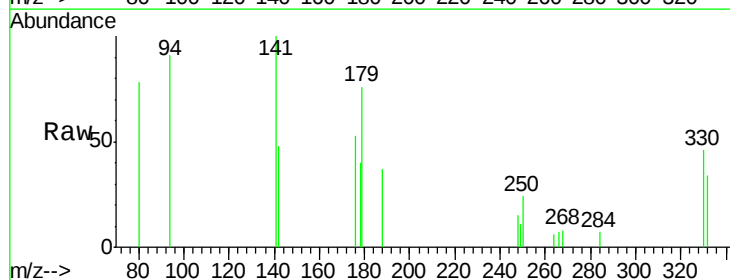
Tgt Ion:330 Resp: 909

Ion Ratio Lower Upper

330 100

332 88.0 76.9 115.3

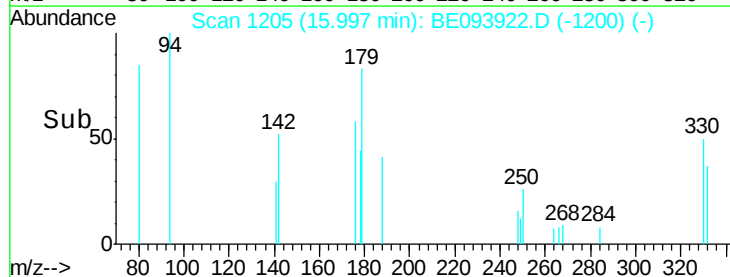
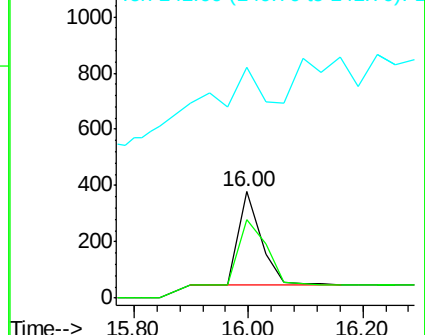
141 35.8 0.0 0.0#

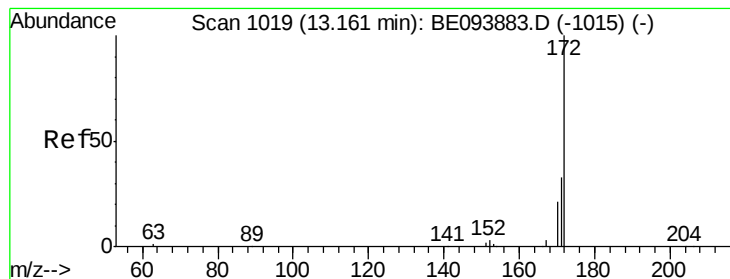


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.371 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

Instrument :

BNA_E

ClientSampleId :

3829-PA1

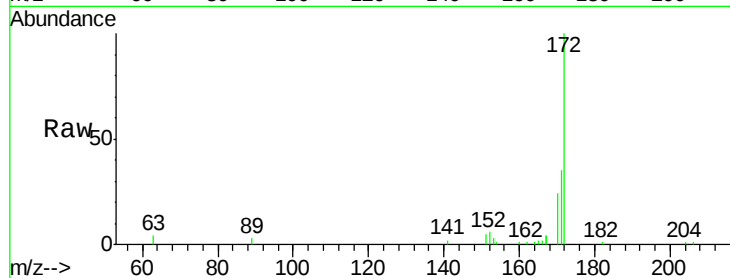
Tgt Ion:172 Resp: 12005

Ion Ratio Lower Upper

172 100

171 35.2 26.9 40.3

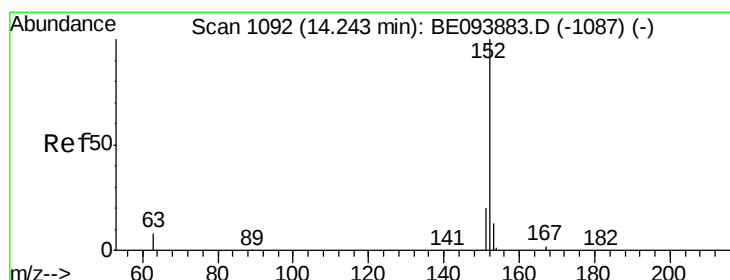
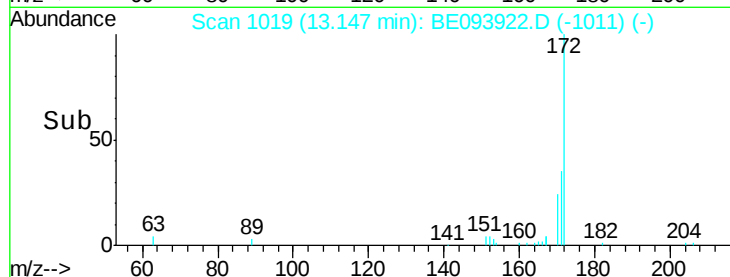
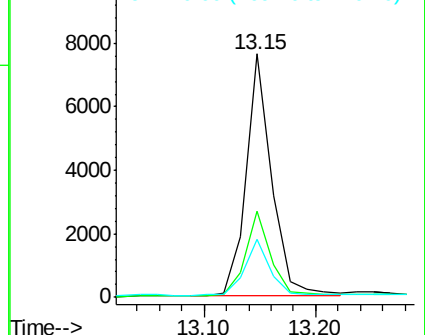
170 23.8 17.3 25.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.024 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

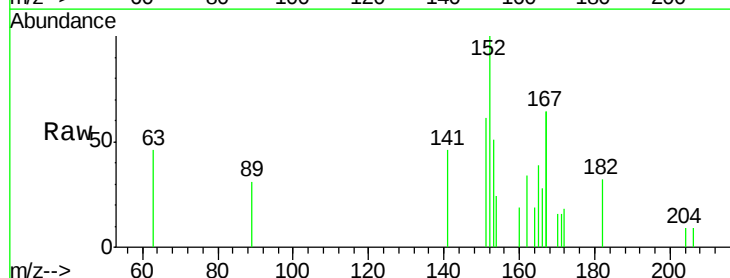
Tgt Ion:152 Resp: 961

Ion Ratio Lower Upper

152 100

151 31.8 15.7 23.5#

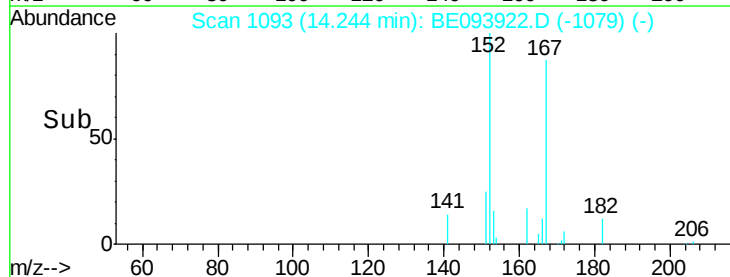
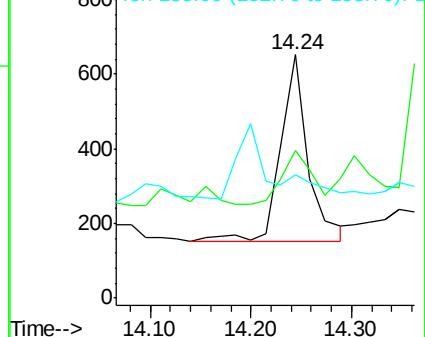
153 0.0 10.6 16.0#

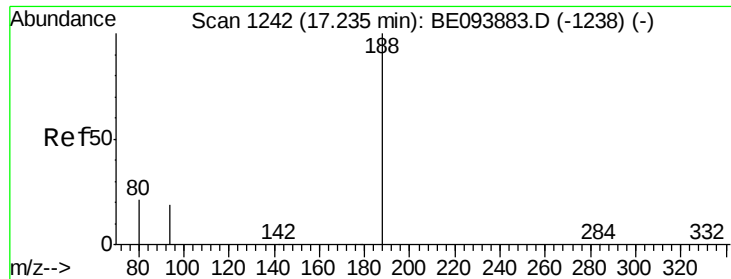


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

Instrument :

BNA_E

ClientSampleId :

3829-PA1

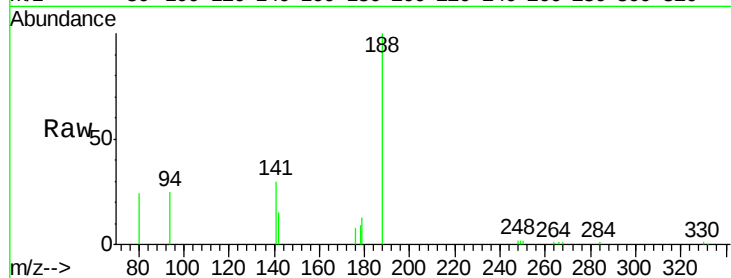
Tgt Ion:188 Resp: 18731

Ion Ratio Lower Upper

188 100

94 25.2 16.1 24.1#

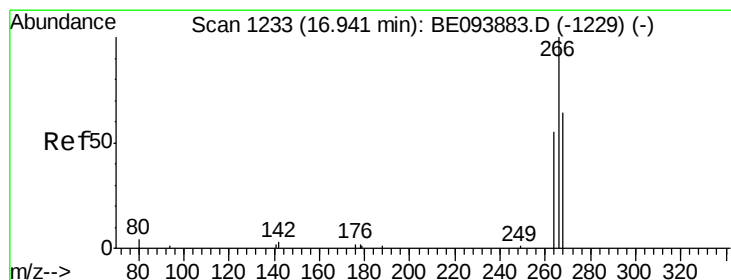
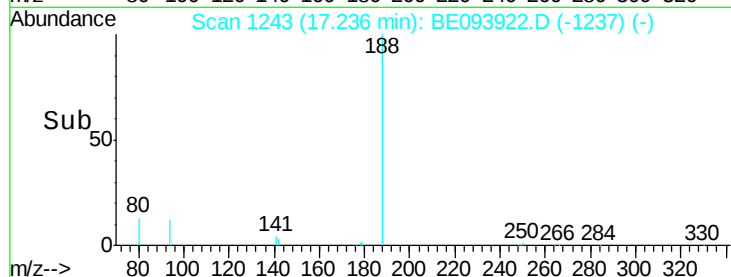
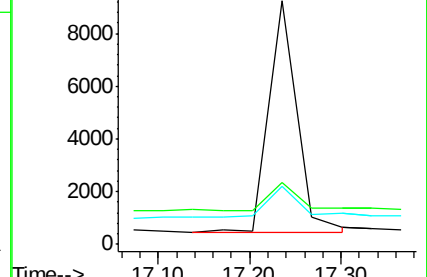
80 23.7 18.2 27.2



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



#22

Pentachlorophenol

Concen: 0.085 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

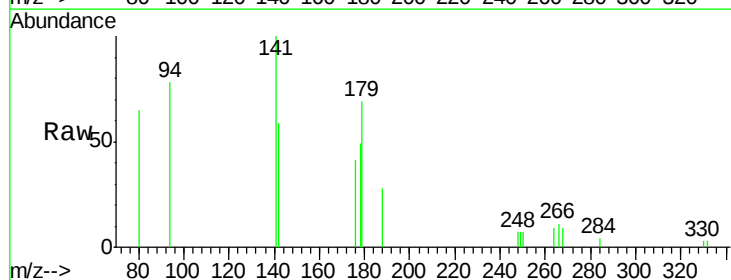
Tgt Ion:266 Resp: 250

Ion Ratio Lower Upper

266 100

264 76.7 53.5 80.3

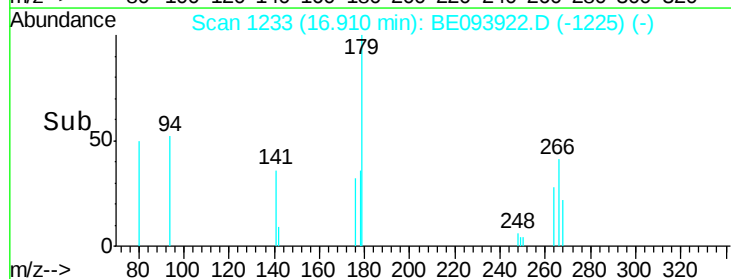
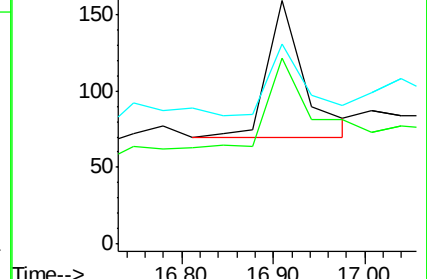
268 82.4 60.0 90.0

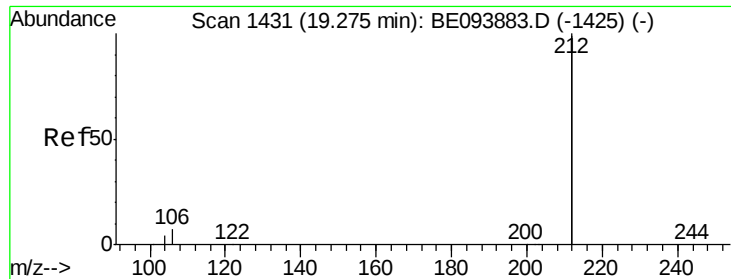


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

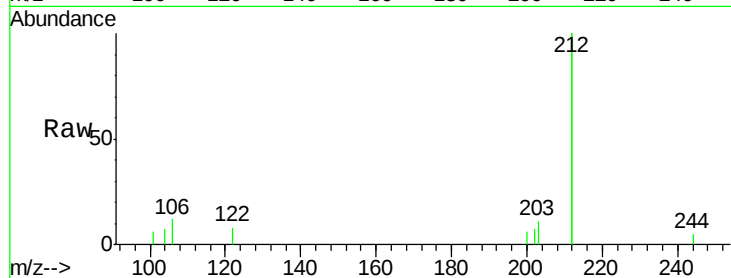




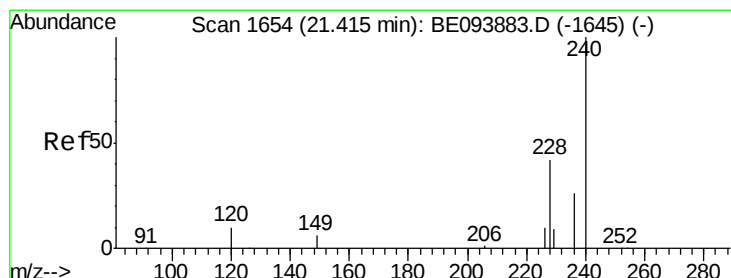
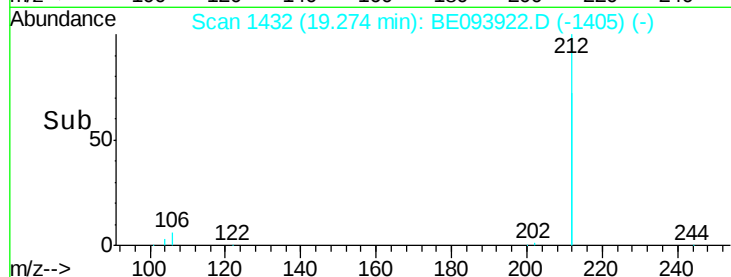
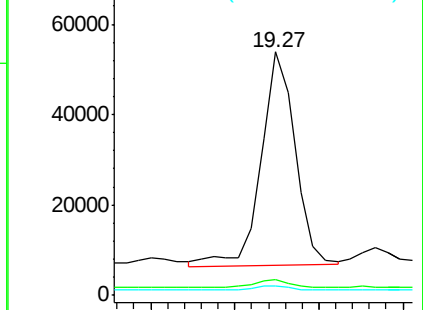
#25
 Fluoranthene-d10
 Concen: 0.310 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093922.D
 Acq: 2 Sep 2017 6:32

Instrument :
 BNA_E
 ClientSampleId :
 3829-PA1

Tgt Ion: 212 Resp: 66847
 Ion Ratio Lower Upper
 212 100
 106 4.0 2.7 4.1
 104 2.0 1.6 2.4

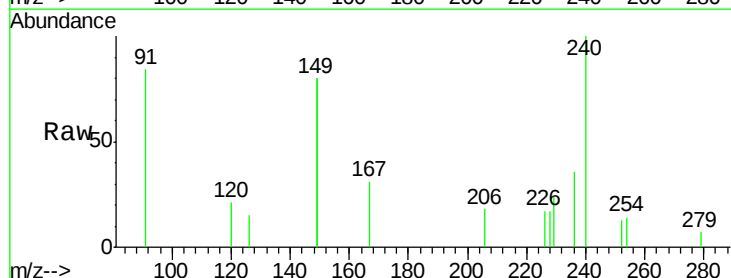


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

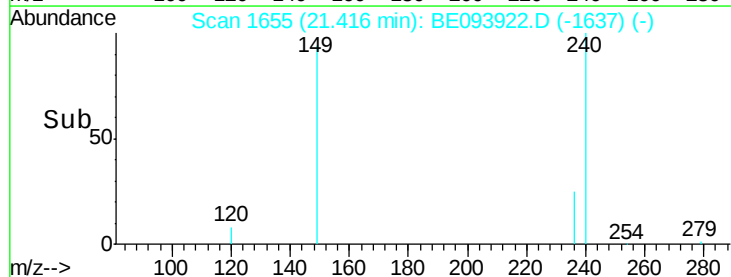
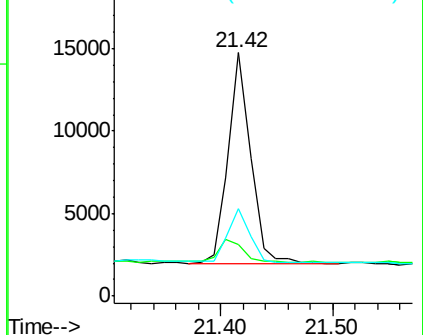


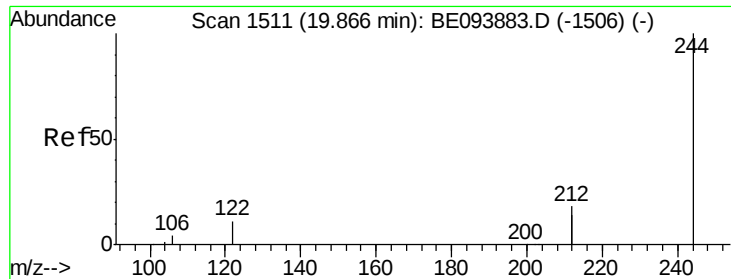
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BE093922.D
 Acq: 2 Sep 2017 6:32

Tgt Ion: 240 Resp: 17879
 Ion Ratio Lower Upper
 240 100
 120 21.4 8.7 13.1#
 236 35.9 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: 0.487 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

Instrument :

BNA_E

ClientSampleId :

3829-PA1

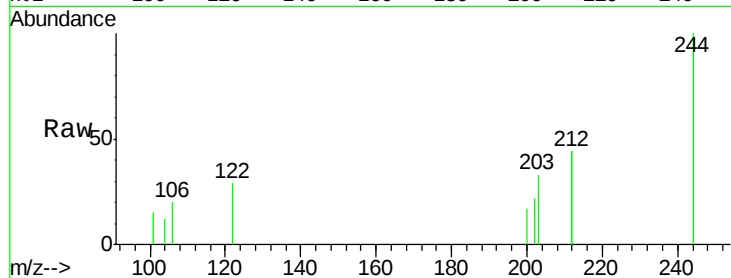
Tgt Ion:244 Resp: 15754

Ion Ratio Lower Upper

244 100

212 88.1 28.3 42.5#

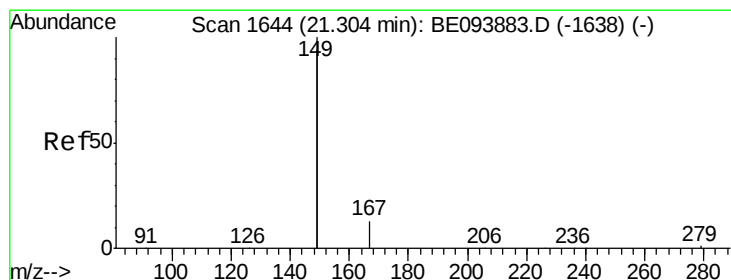
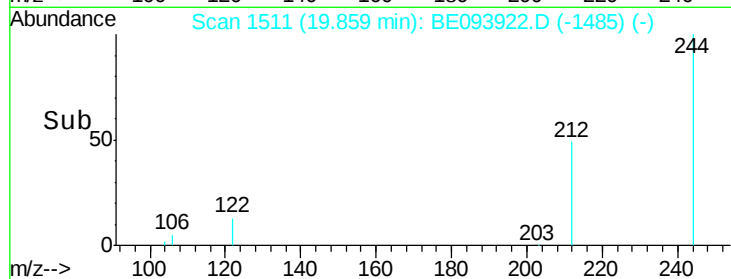
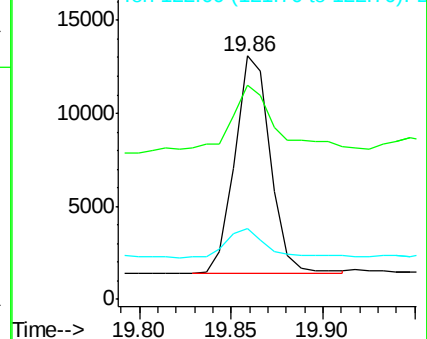
122 29.2 9.4 14.0#



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: 0.508 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

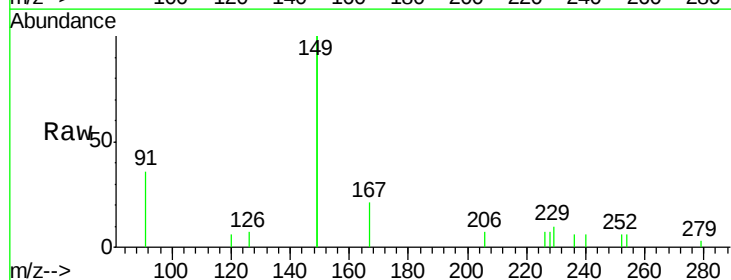
Tgt Ion:149 Resp: 56842

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

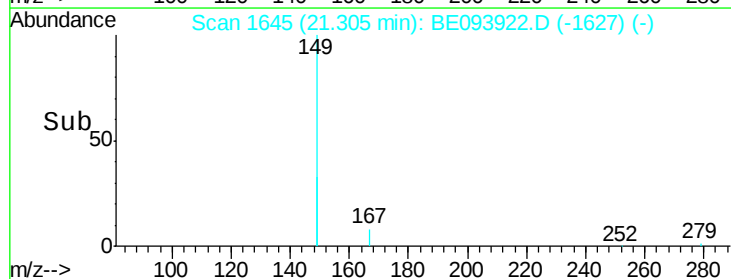
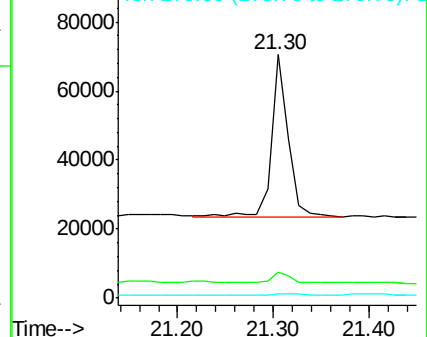
279 1.1 0.7 1.1#

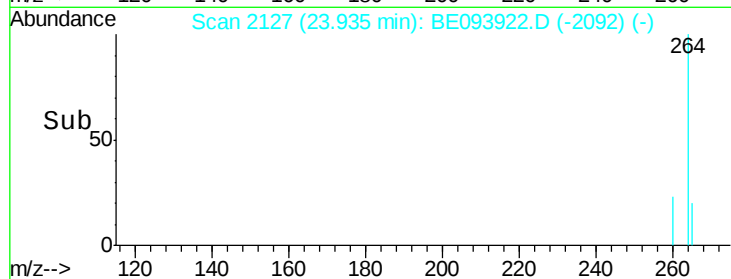
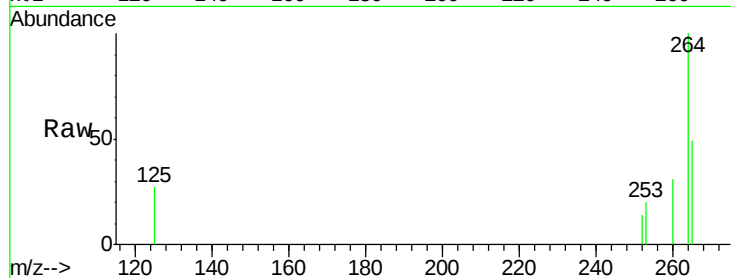
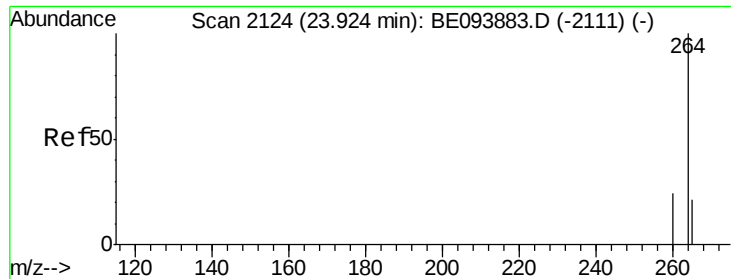


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE093922.D

Acq: 2 Sep 2017 6:32

Instrument :

BNA_E

ClientSampleId :

3829-PA1

Tgt Ion: 264 Resp: 15508

Ion Ratio Lower Upper

264 100

260 30.7 20.0 30.0#

265 49.0 24.0 36.0#

