

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092617\
 Data File : BE094130.D
 Acq On : 26 Sep 2017 16:02
 Operator : SJ/JU
 Sample : PB102616BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 19:21:31 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 25 17:37:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1516	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	6915	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4177	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16591	0.40	ng	0.00
27) Chrysene-d12	21.40	240	15231	0.40	ng	0.00
34) Perylene-d12	23.91	264	14559	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.51	112	1654	0.29	ng	0.01
5) Phenol-d6	7.10	99	2183	0.27	ng	0.01
8) Nitrobenzene-d5	9.06	82	1867	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	3379	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	401	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4320	0.31	ng	0.02
25) Fluoranthene-d10	19.27	212	54202	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	9059	0.33	ng	0.00

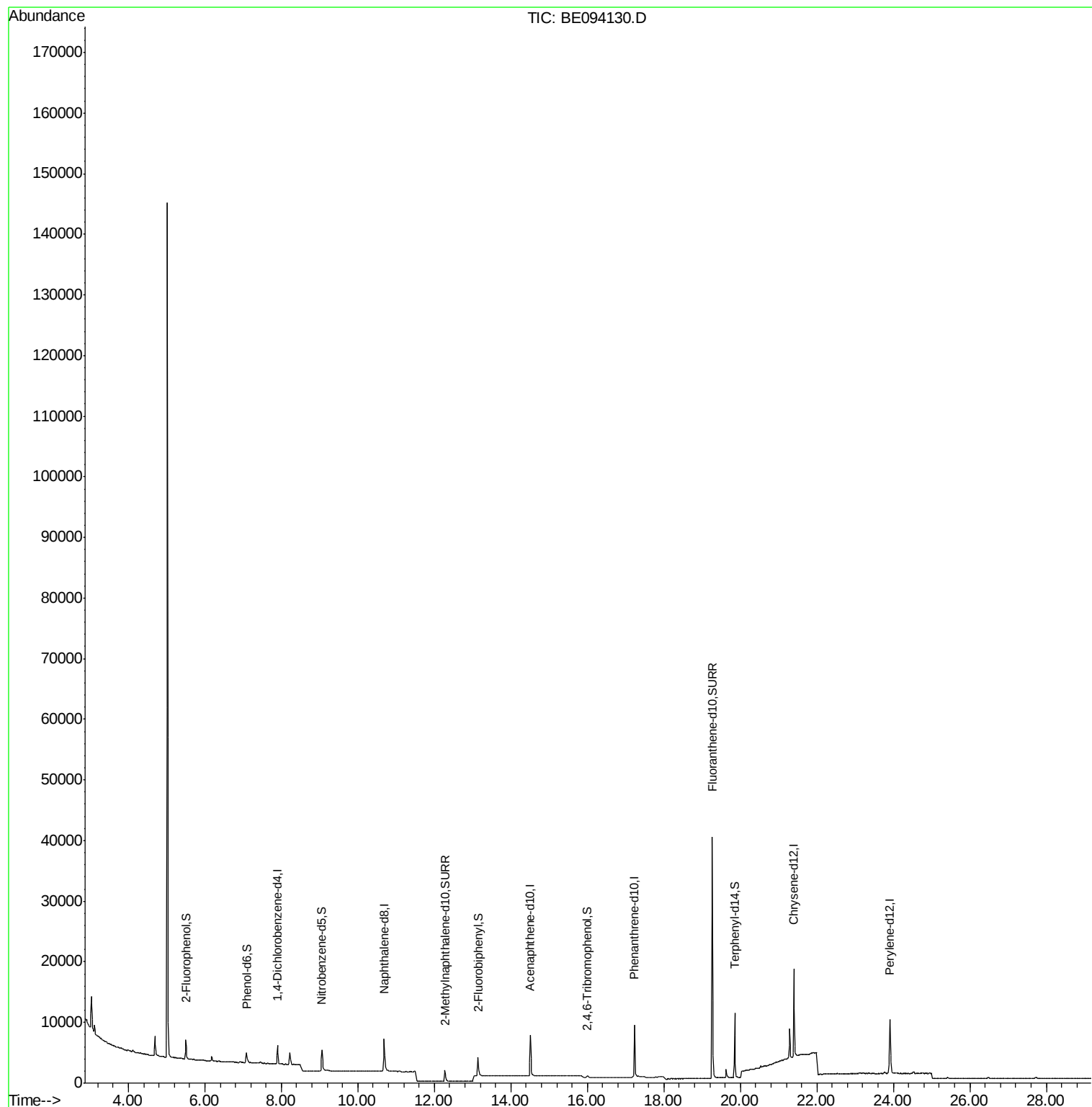
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Bis(2-ethylhexyl)phthalate	21.29	149	7062	Below Cal	#	99

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

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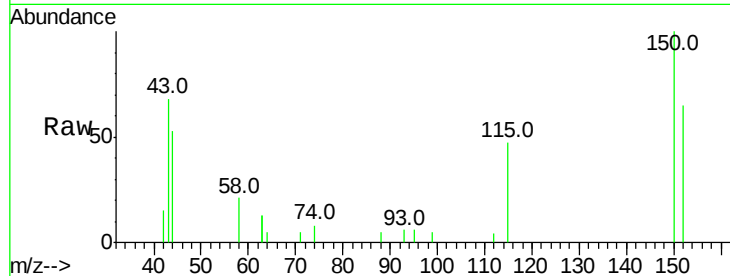


#1

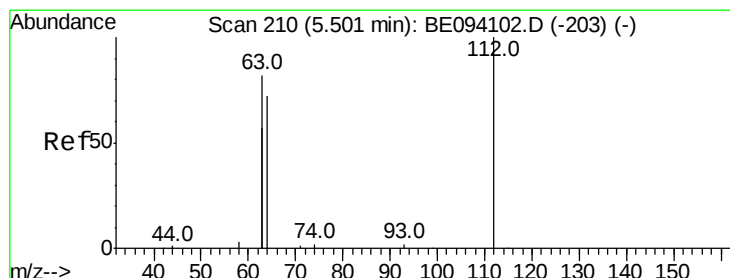
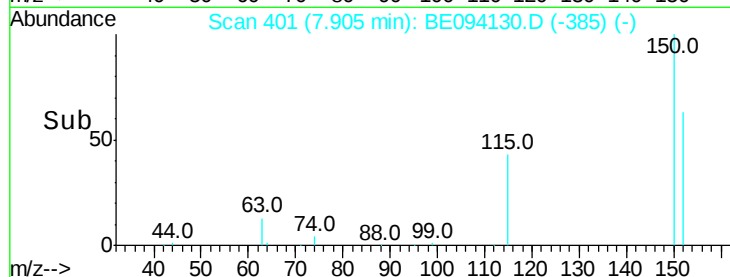
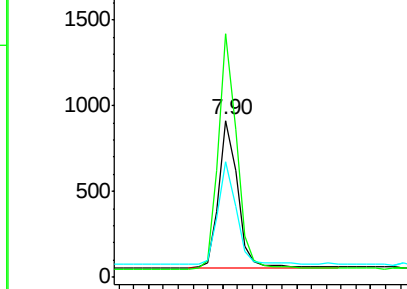
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.00 min
Lab File: BE094130.D
Acq: 26 Sep 2017 16:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1516
Ion Ratio Lower Upper
152 100
150 154.9 117.2 175.8
115 73.3 57.0 85.6



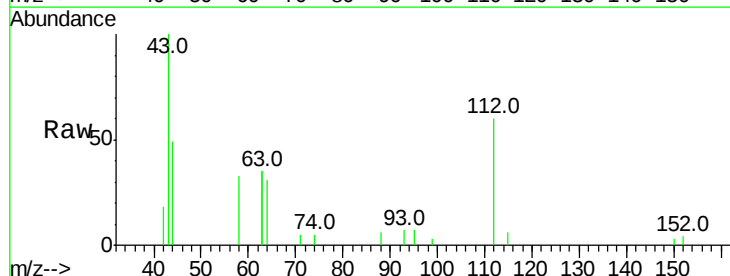
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



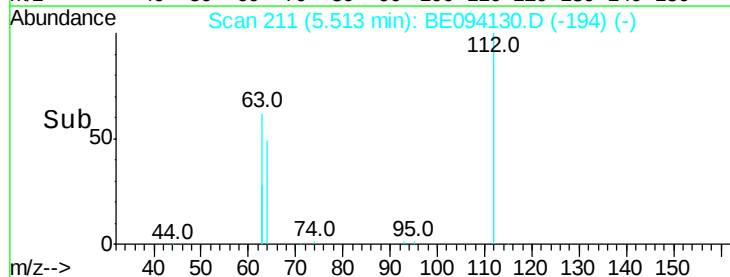
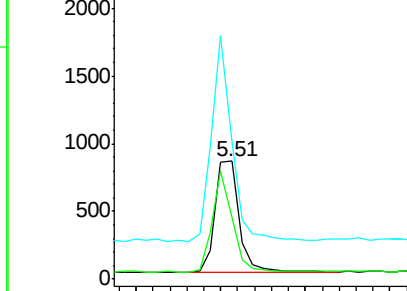
#4

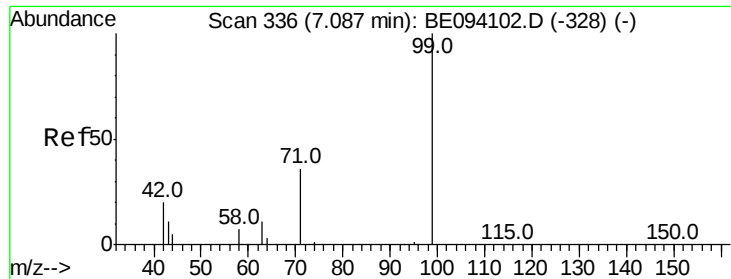
2-Fluorophenol
Concen: 0.288 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.01 min
Lab File: BE094130.D
Acq: 26 Sep 2017 16:02

Tgt Ion:112 Resp: 1654
Ion Ratio Lower Upper
112 100
64 74.0 60.1 90.1
63 152.2 116.8 175.2



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: 0.273 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

Instrument :

BNA_E

ClientSampleId :

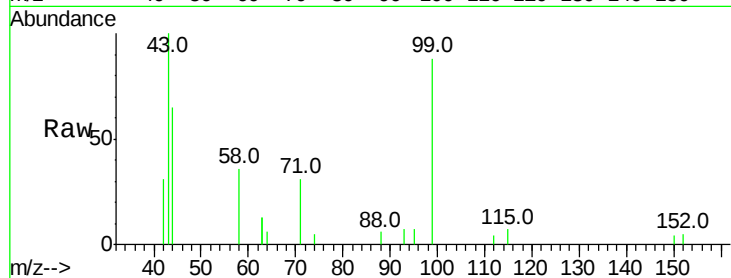
Tot Ion: 99 Resp: 2183

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

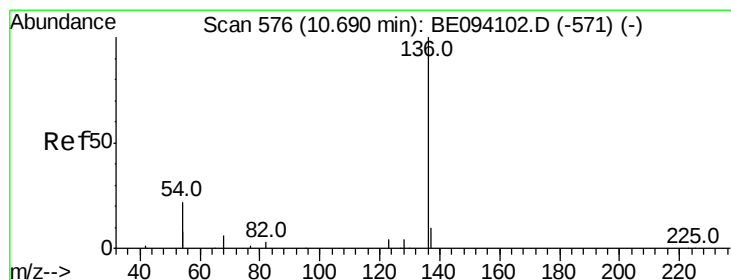
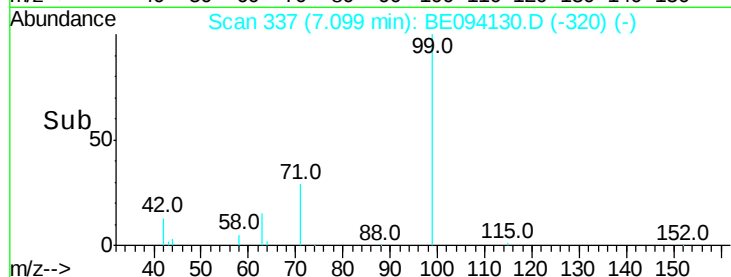
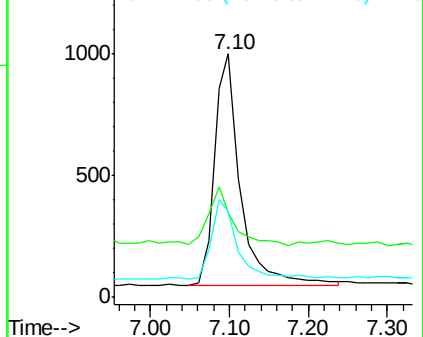
71 36.5 28.4 42.6



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: 10.69 min Scan# 576

Delta R.T. -0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

Tgt Ion: 136 Resp: 6915

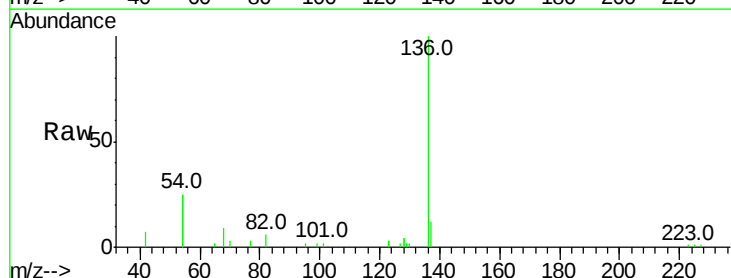
Ion Ratio Lower Upper

136 100

137 12.2 9.5 14.3

54 49.4 29.1 43.7#

68 9.1 6.2 9.2

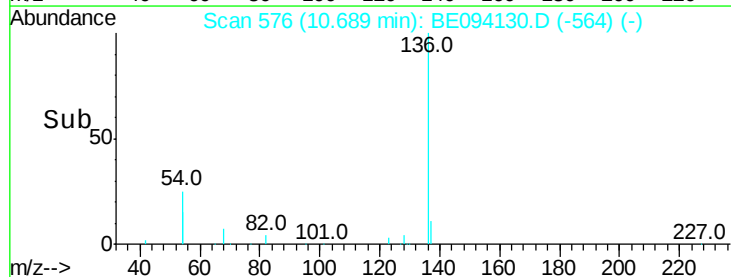
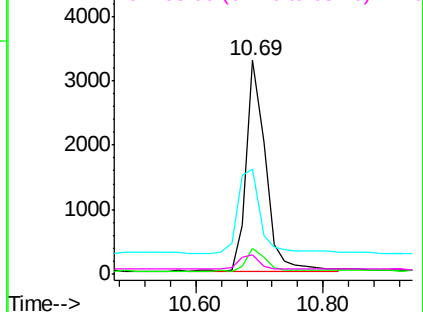


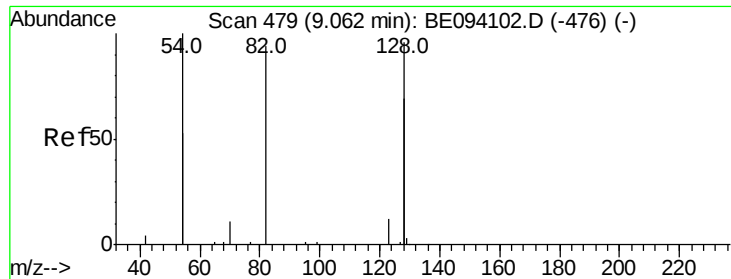
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.279 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

Instrument :

BNA_E

ClientSampleId :

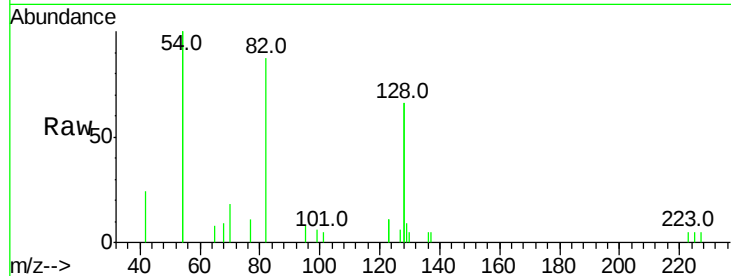
Tot Ion: 82 Resp: 1867

Ion Ratio Lower Upper

82 100

128 151.6 150.0 225.0

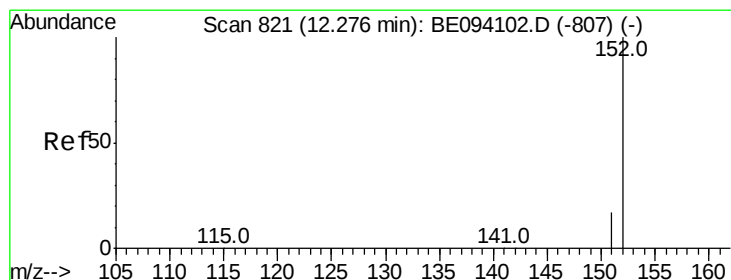
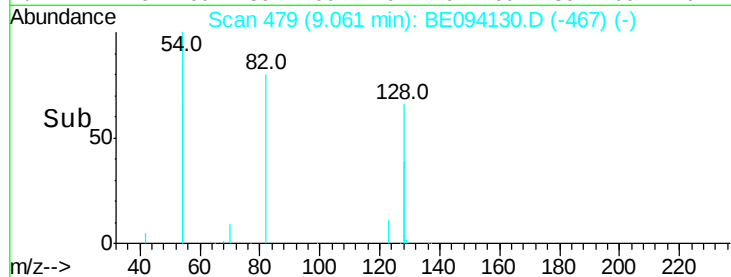
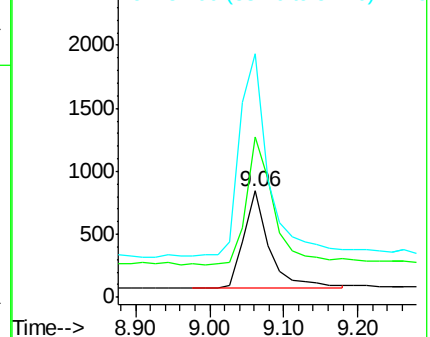
54 229.2 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094130.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094130.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094130.D (-467) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094130.D

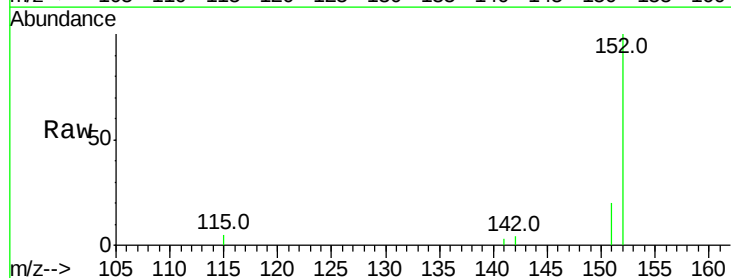
Acq: 26 Sep 2017 16:02

Tgt Ion: 152 Resp: 3379

Ion Ratio Lower Upper

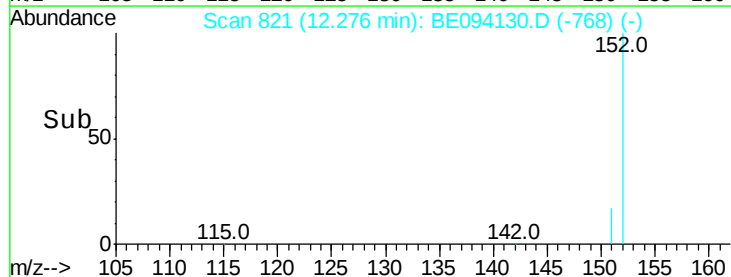
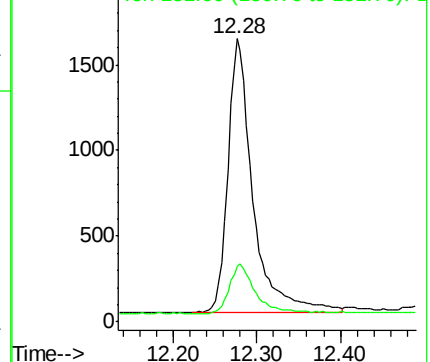
152 100

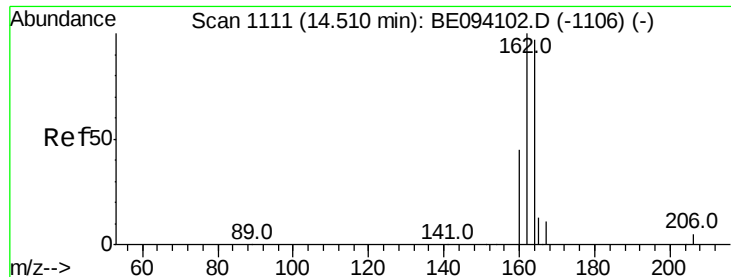
151 18.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094130.D (-768) (-)

Ion 151.00 (150.70 to 151.70): BE094130.D (-768) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

Instrument :

BNA_E

ClientSampleId :

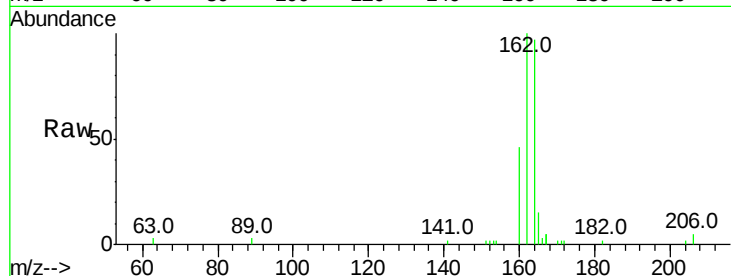
Tot Ion:164 Resp: 4177

Ion Ratio Lower Upper

164 100

162 103.3 83.1 124.7

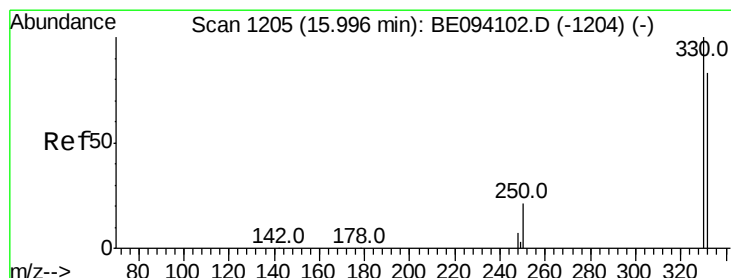
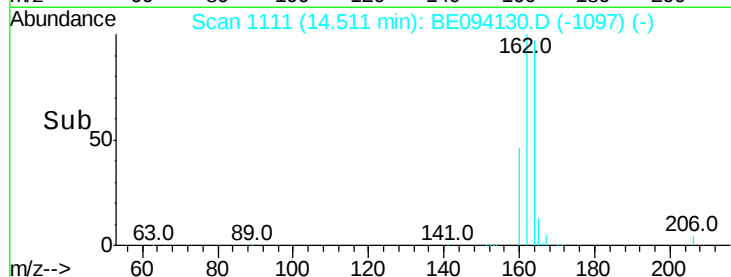
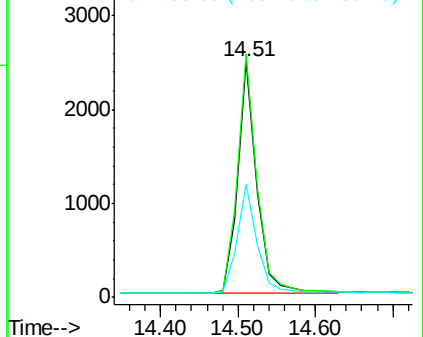
160 48.0 37.1 55.7



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: 0.143 ng

RT: 16.00 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

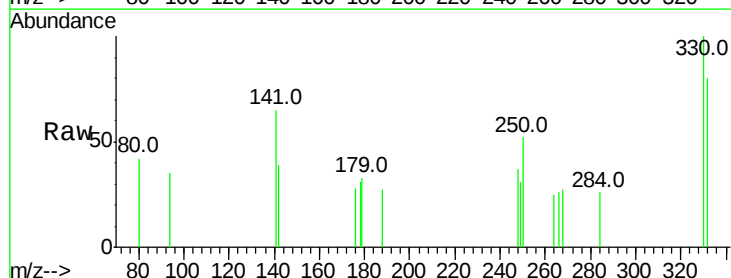
Tgt Ion:330 Resp: 401

Ion Ratio Lower Upper

330 100

332 87.8 152.7 229.1#

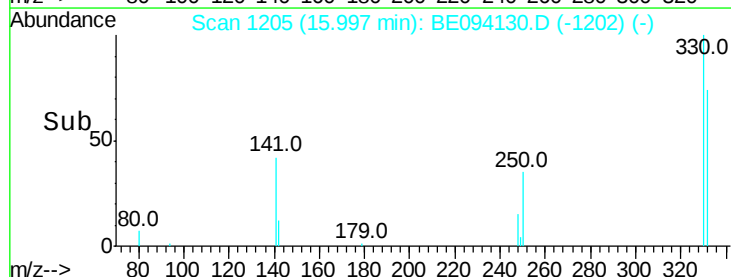
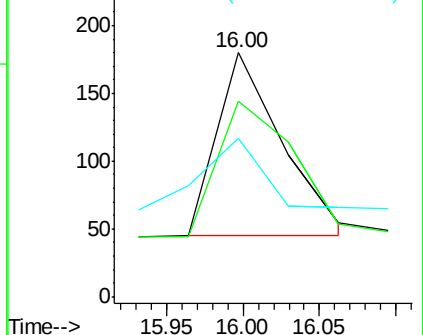
141 25.4 33.7 50.5#

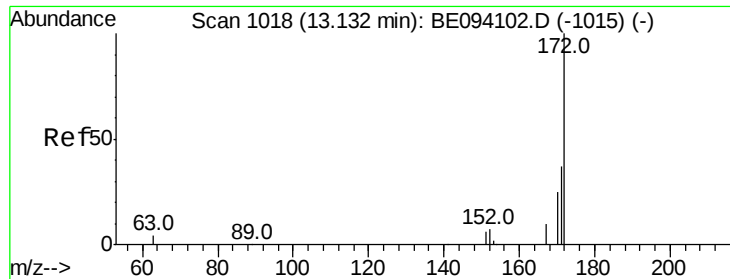


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

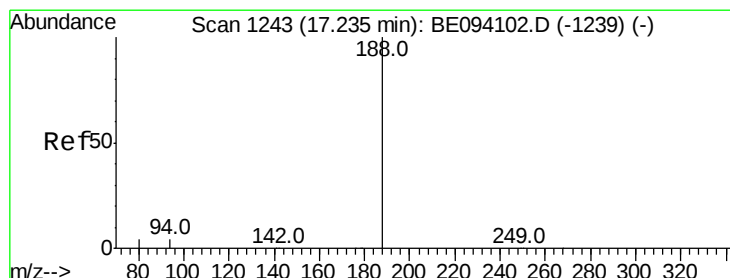
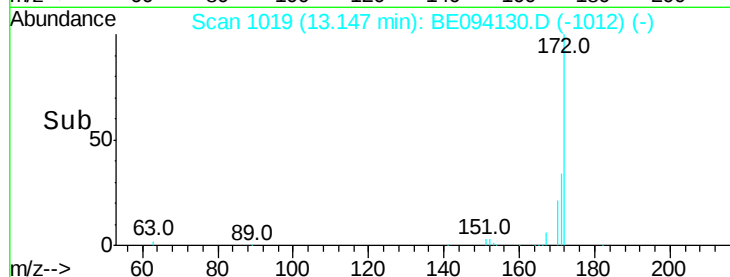
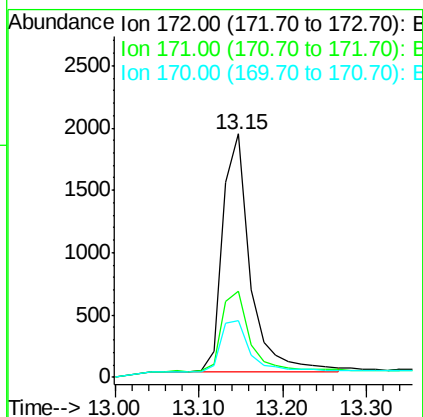
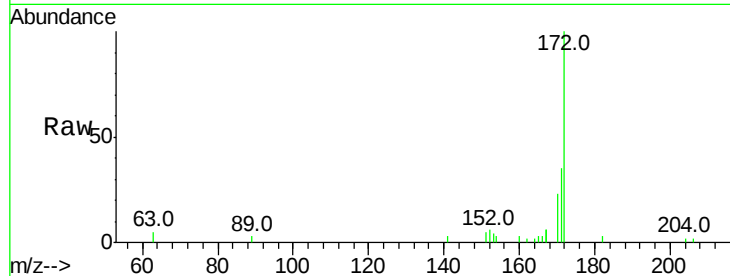




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094130.D
Acq: 26 Sep 2017 16:02

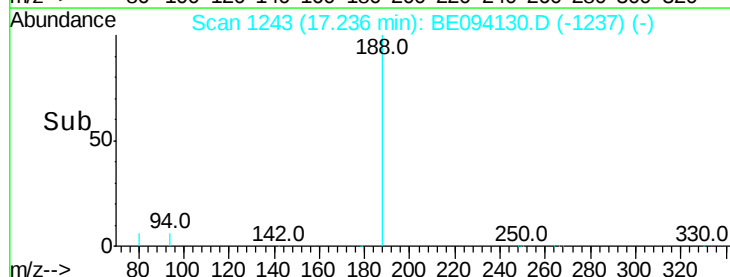
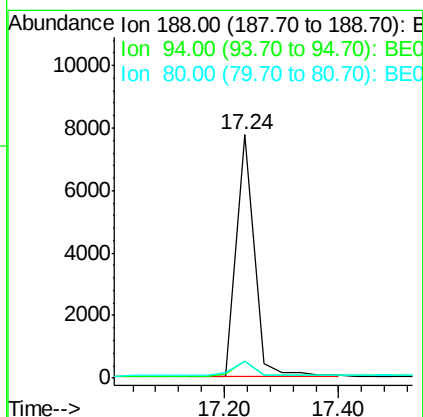
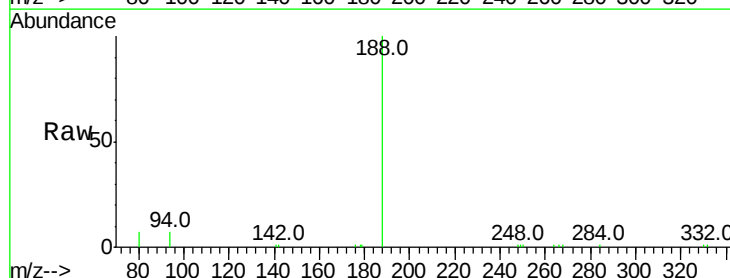
Instrument :
BNA_E
ClientSampled :

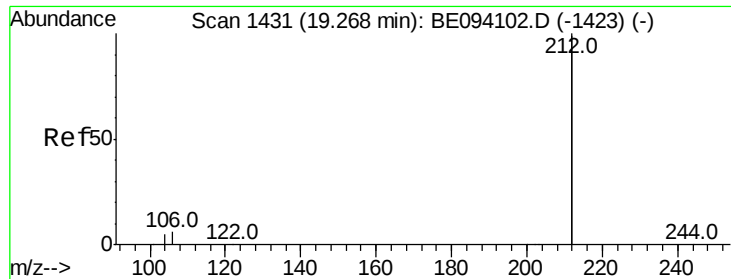
Tot Ion:172 Resp: 4320
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 23.3 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094130.D
Acq: 26 Sep 2017 16:02

Tgt Ion:188 Resp: 16591
Ion Ratio Lower Upper
188 100
94 7.0 3.9 5.9#
80 6.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

Instrument :

BNA_E

ClientSampleId :

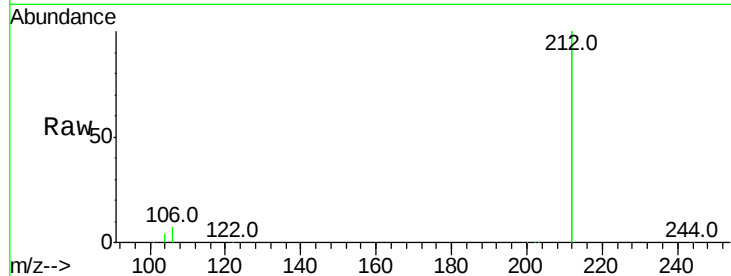
Tot Ion:212 Resp: 54202

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

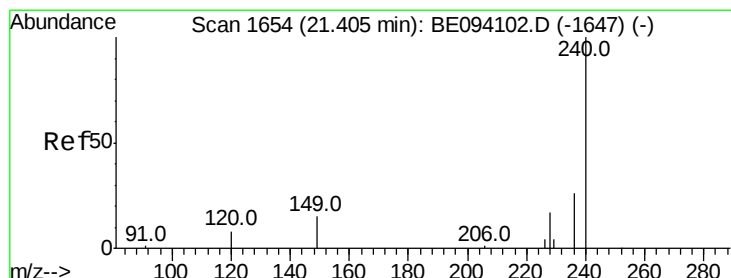
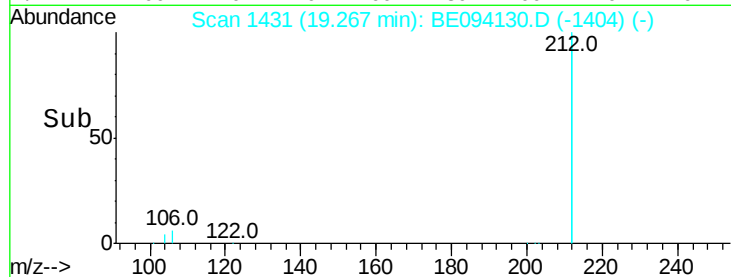
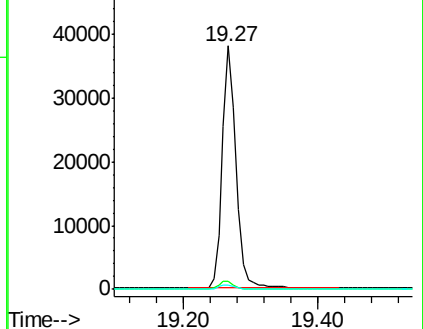
104 2.2 1.6 2.4



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: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

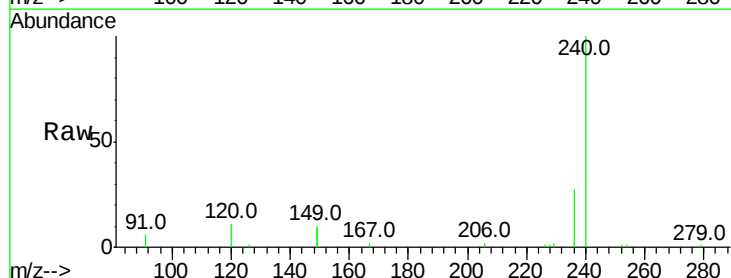
Tgt Ion:240 Resp: 15231

Ion Ratio Lower Upper

240 100

120 11.4 5.5 8.3#

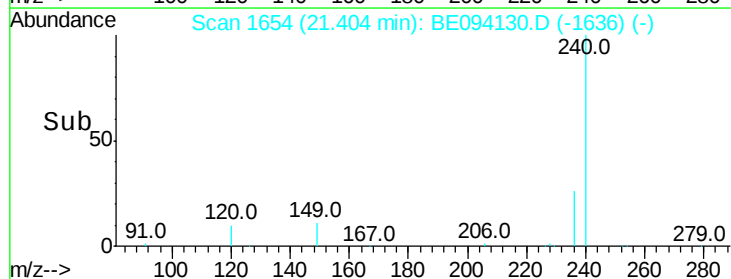
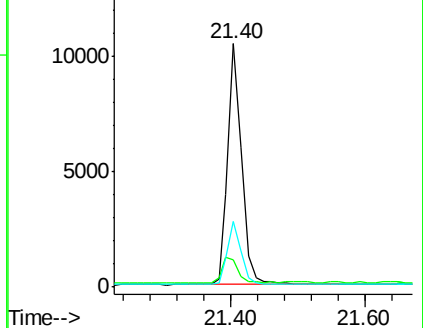
236 27.2 20.7 31.1

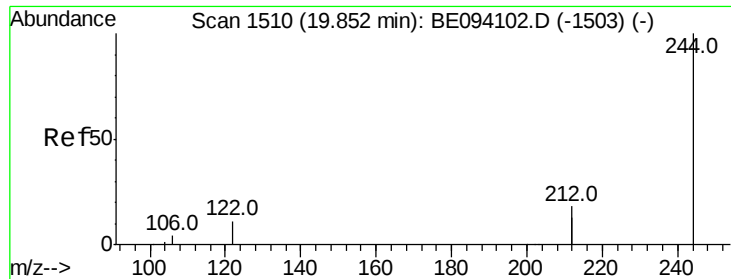


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.326 ng

RT: 19.85 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

Instrument :

BNA_E

ClientSampleId :

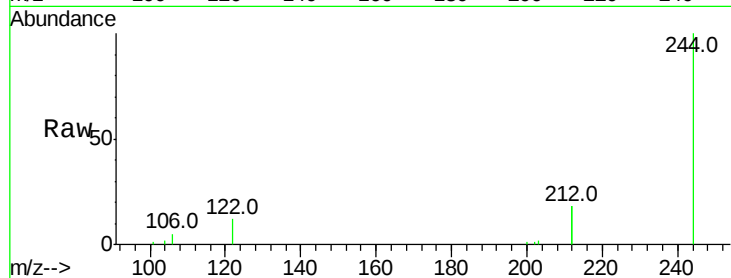
Tot Ion:244 Resp: 9059

Ion Ratio Lower Upper

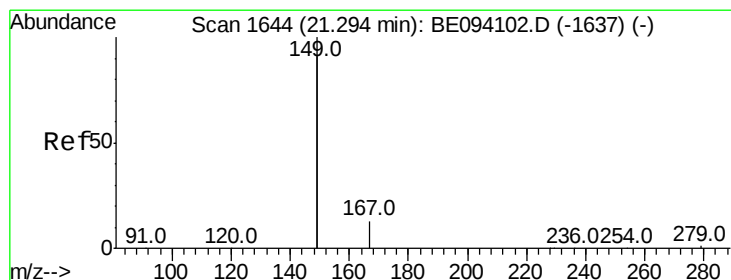
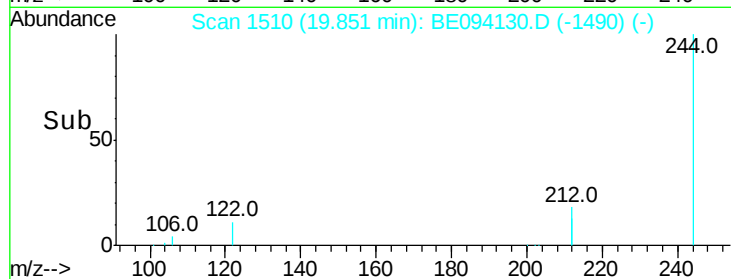
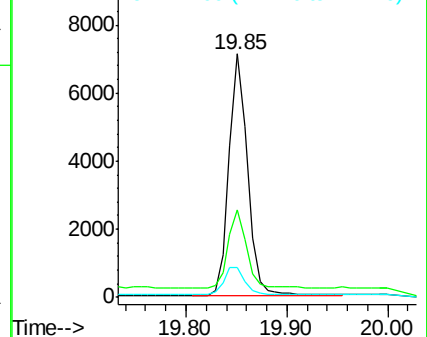
244 100

212 35.9 25.4 38.0

122 12.2 8.1 12.1#



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: Below Cal

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

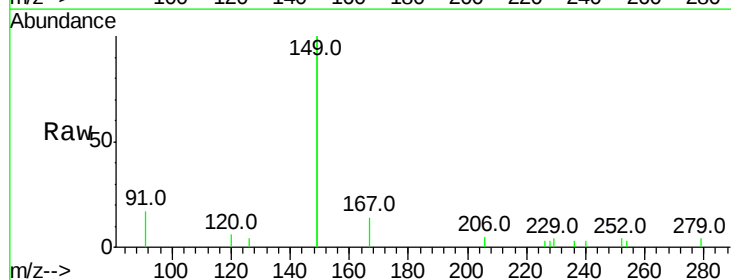
Tgt Ion:149 Resp: 7062

Ion Ratio Lower Upper

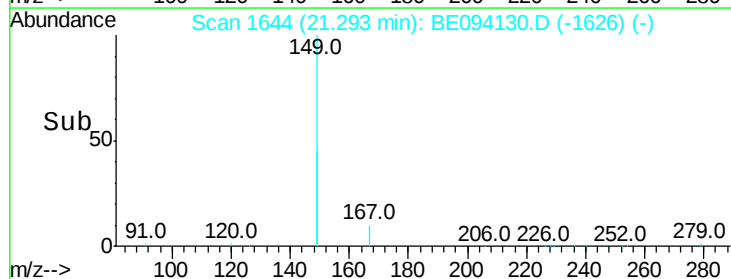
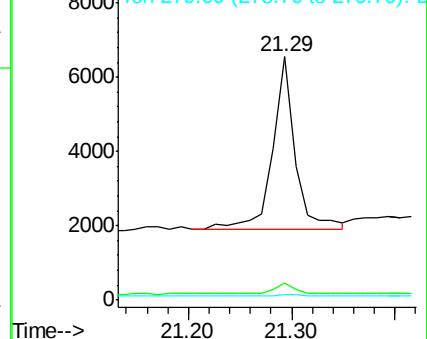
149 100

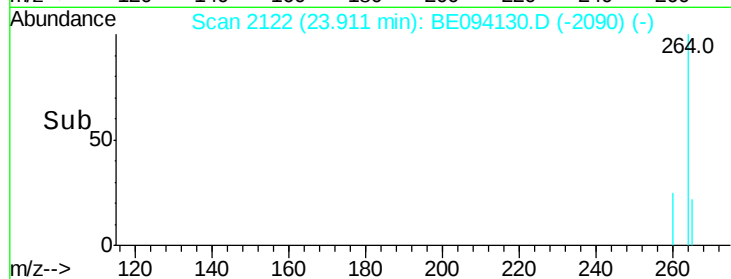
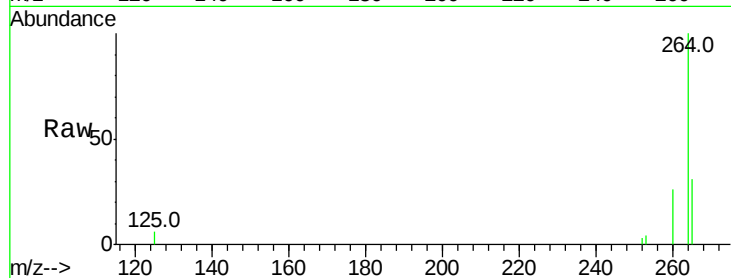
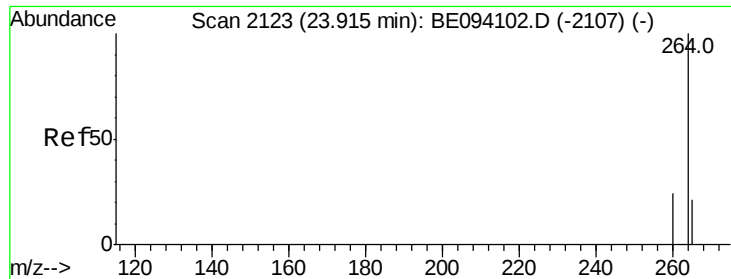
167 6.5 5.4 8.0

279 1.7 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: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE094130.D

Acq: 26 Sep 2017 16:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 14559

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 30.6 22.8 34.2

