

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094946.D
 Acq On : 6 Dec 2017 11:32
 Operator : SJ/JU
 Sample : I6707-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 06 13:59:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

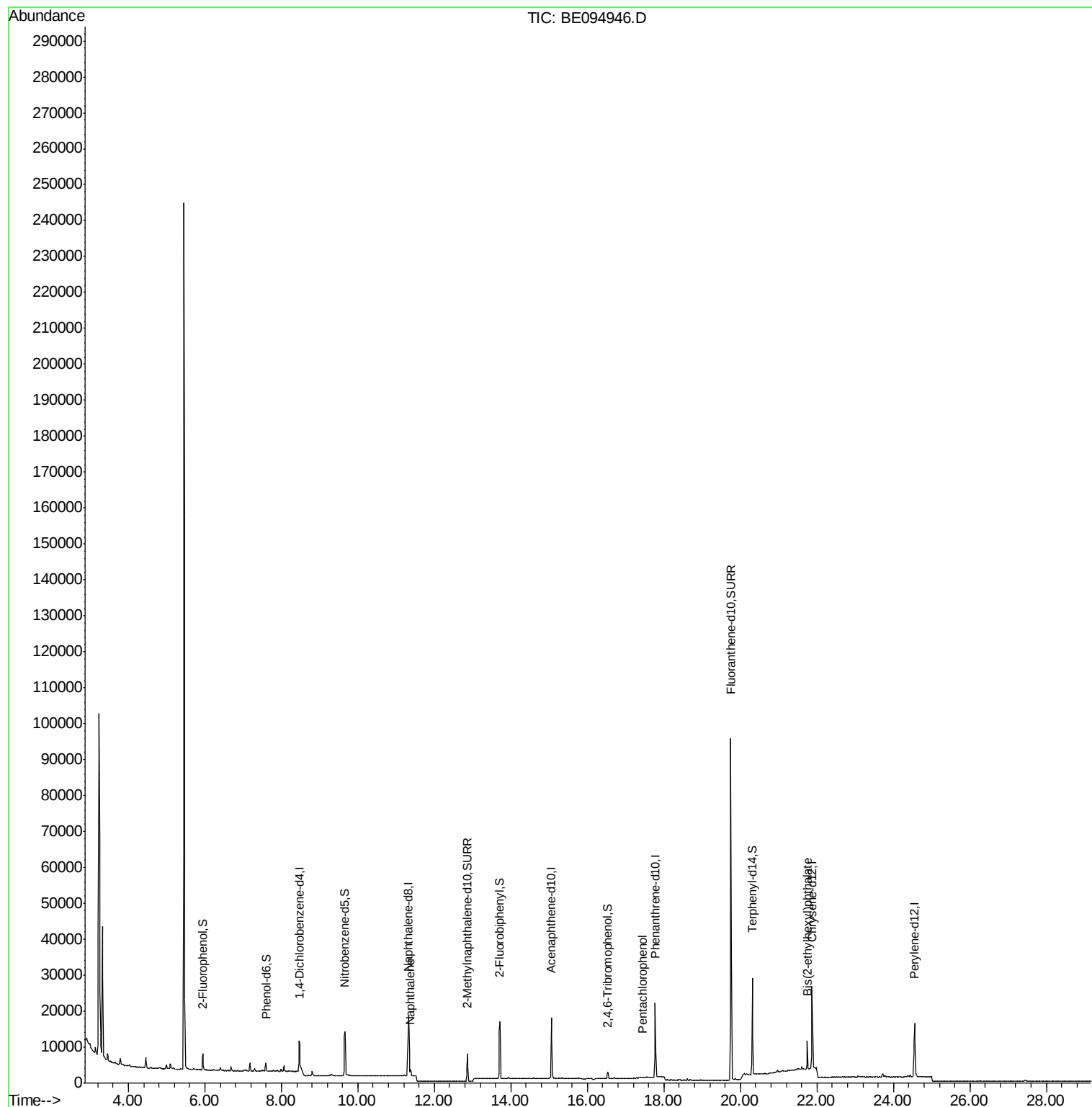
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	8626	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	18403	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10252	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	26169	0.40	ng	0.00
27) Chrysene-d12	21.87	240	27843	0.40	ng	-0.02
34) Perylene-d12	24.55	264	23264	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	2296	0.17	ng	0.00
5) Phenol-d6	7.60	99	2183	0.11	ng	0.00
8) Nitrobenzene-d5	9.66	82	5575	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	10375	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1121	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	16723	0.38	ng	0.00
25) Fluoranthene-d10	19.75	212	122964	0.34	ng	0.00
29) Terphenyl-d14	20.31	244	26948	0.52	ng	-0.02
Target Compounds						
9) Naphthalene	11.38	128	5347	0.025	ng	# 91
22) Pentachlorophenol	17.43	266	17	0.137	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.74	149	9072	0.064	ng	# 100

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

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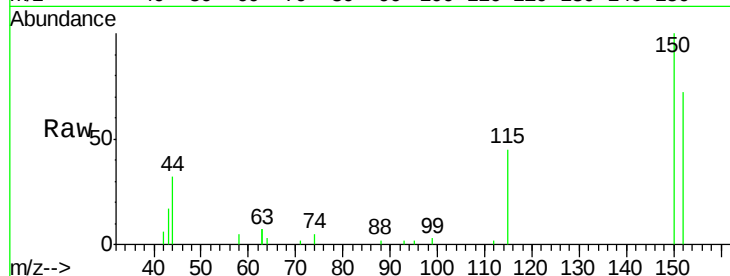


#1

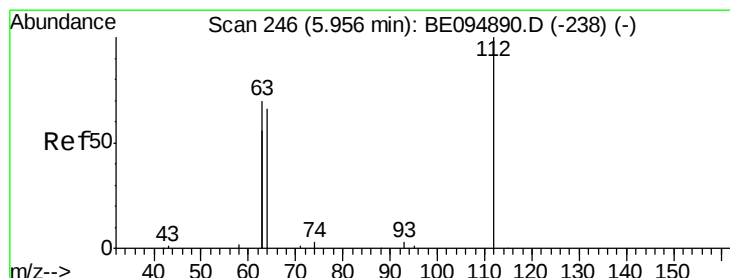
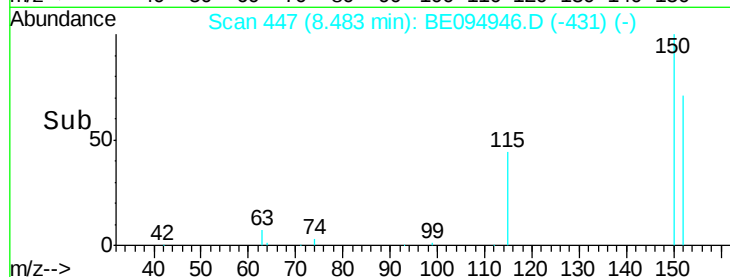
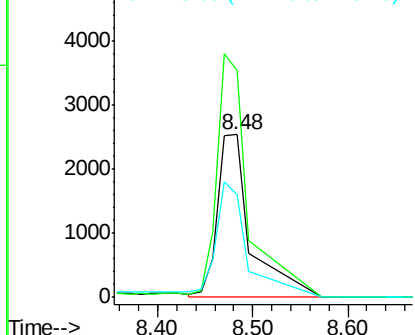
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094946.D
Acq: 6 Dec 2017 11:32

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 8626
Ion Ratio Lower Upper
152 100
150 139.6 117.2 175.8
115 63.2 57.0 85.6



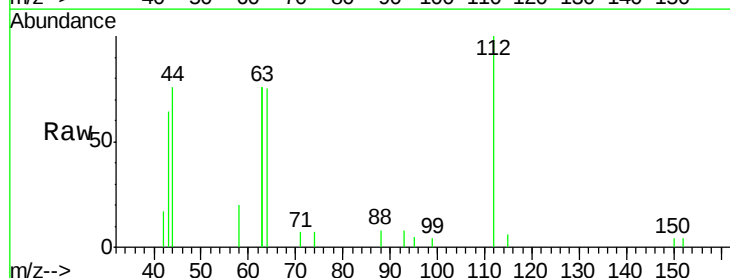
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



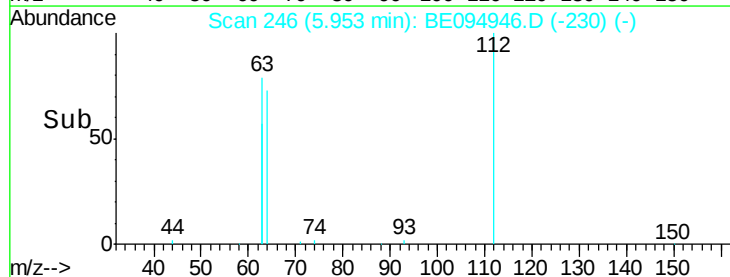
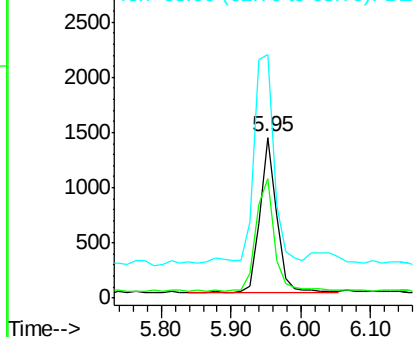
#4

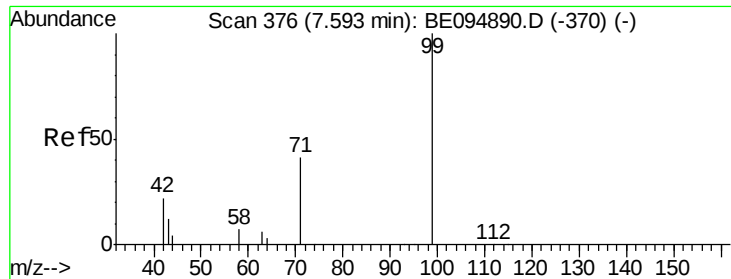
2-Fluorophenol
Concen: 0.168 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094946.D
Acq: 6 Dec 2017 11:32

Tgt Ion:112 Resp: 2296
Ion Ratio Lower Upper
112 100
64 84.0 60.1 90.1
63 161.8 116.8 175.2



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: 0.108 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Instrument :

BNA_E

ClientSampleId :

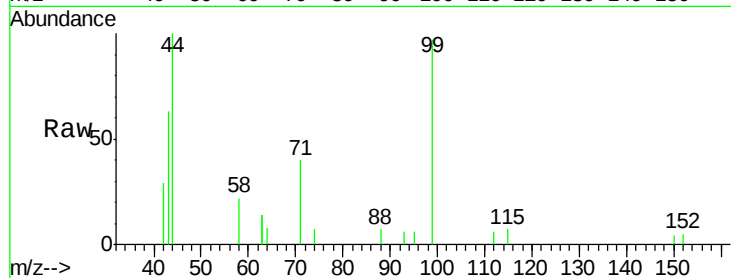
Tot Ion: 99 Resp: 2183

Ion Ratio Lower Upper

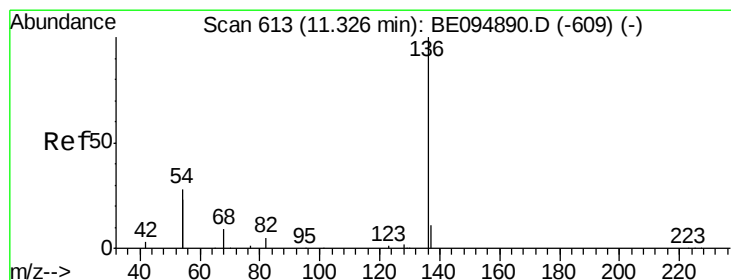
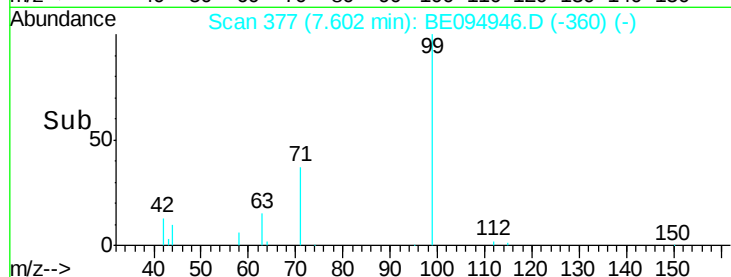
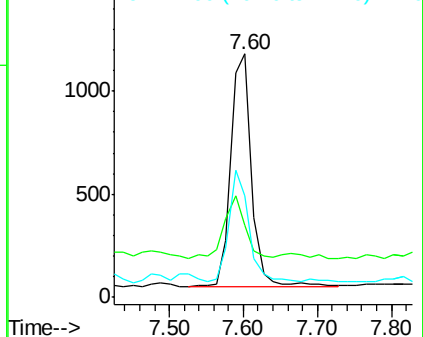
99 100

42 26.8 20.2 30.2

71 46.1 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: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Tgt Ion: 136 Resp: 18403

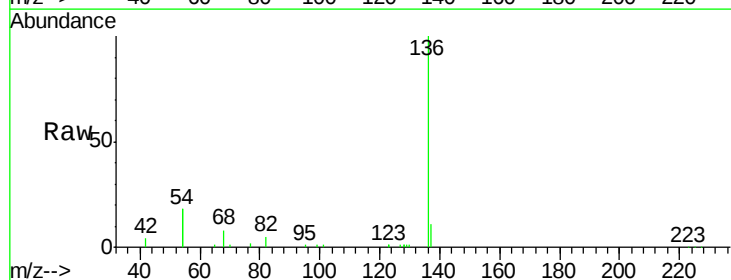
Ion Ratio Lower Upper

136 100

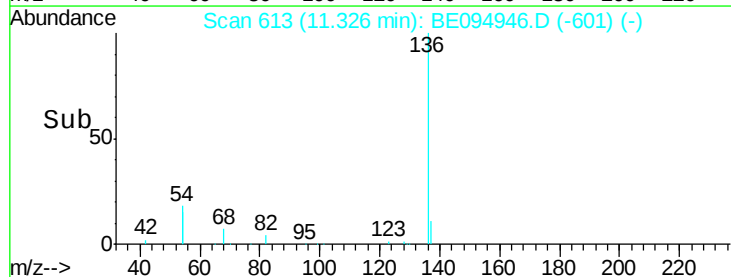
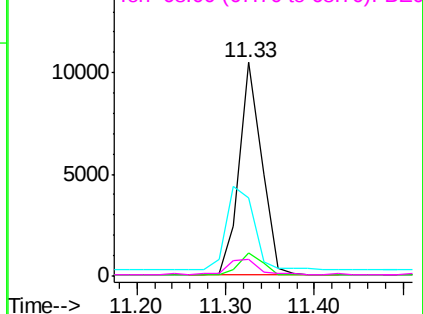
137 11.0 9.5 14.3

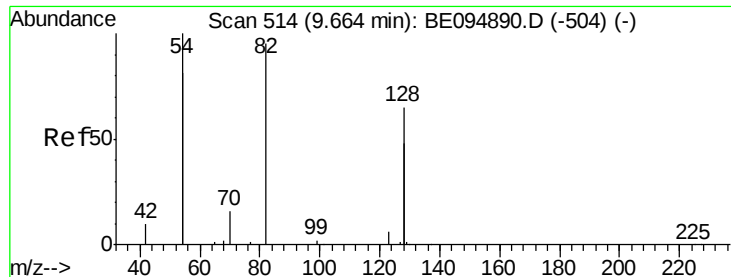
54 36.8 29.1 43.7

68 7.9 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: 0.512 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Instrument :

BNA_E

ClientSampled :

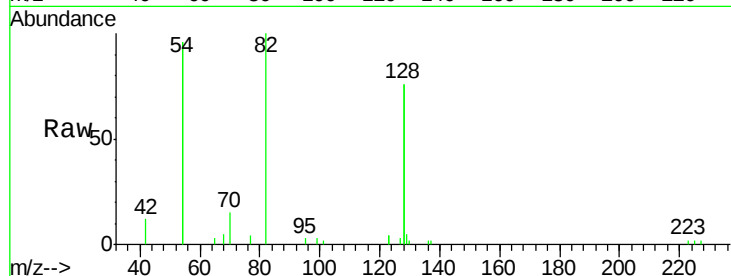
Tot Ion: 82 Resp: 5575

Ion Ratio Lower Upper

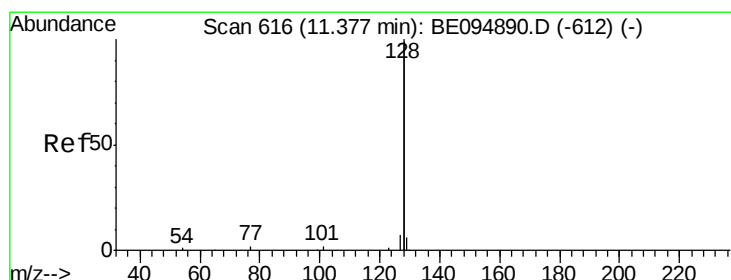
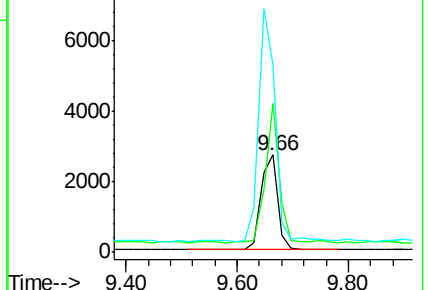
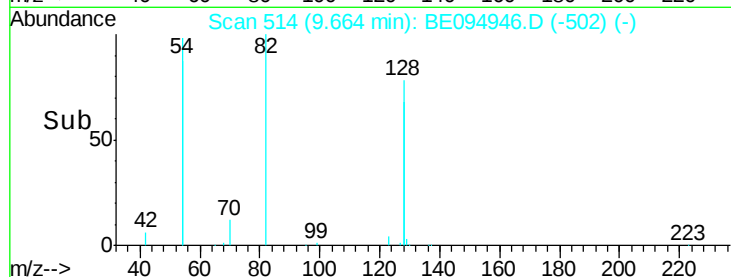
82 100

128 152.8 150.0 225.0

54 191.8 154.2 231.4



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



#9

Naphthalene

Concen: 0.025 ng

RT: 11.38 min Scan# 616

Delta R.T. -0.00 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

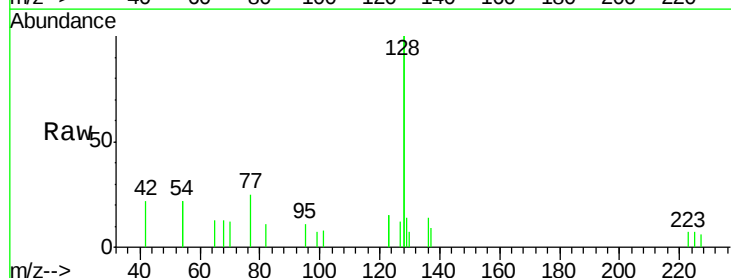
Tgt Ion: 128 Resp: 5347

Ion Ratio Lower Upper

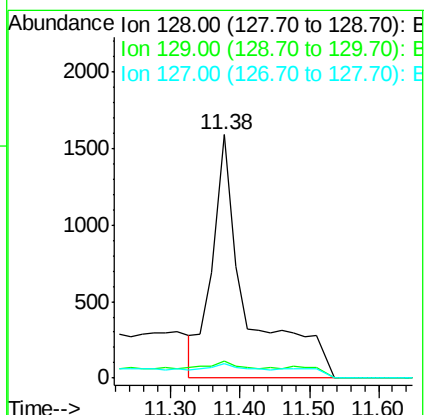
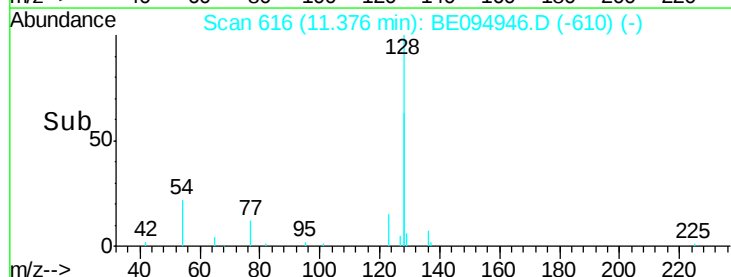
128 100

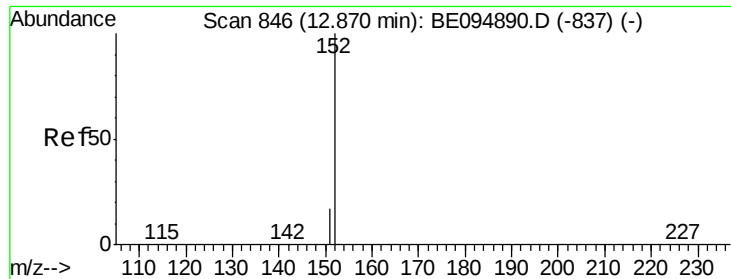
129 6.8 2.6 3.8#

127 6.0 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Instrument :

BNA_E

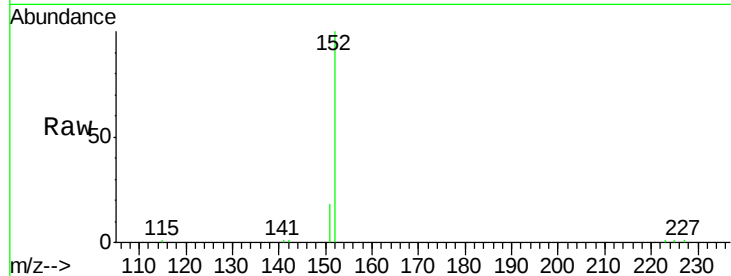
ClientSampleId :

Tot Ion:152 Resp: 10375

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.86

8000

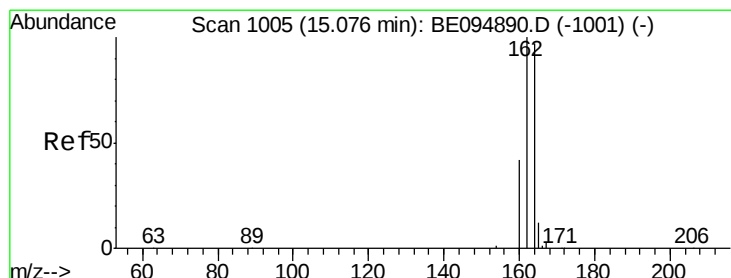
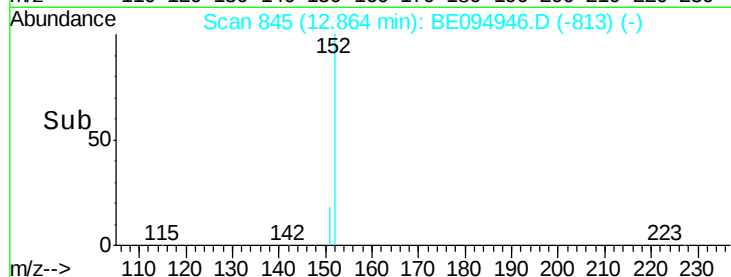
6000

4000

2000

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

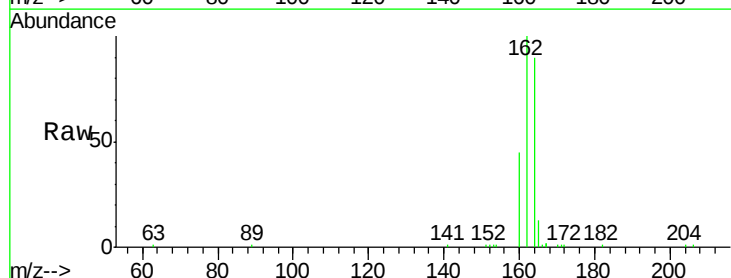
Tgt Ion:164 Resp: 10252

Ion Ratio Lower Upper

164 100

162 111.2 83.1 124.7

160 49.8 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

15.06

8000

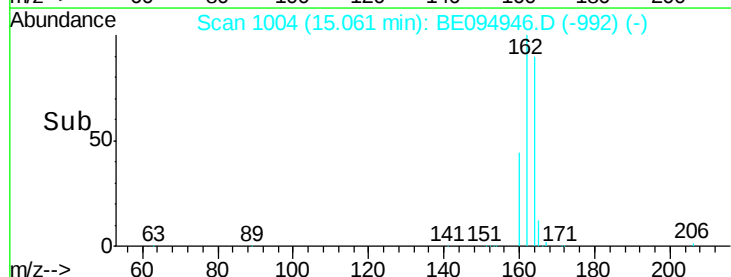
6000

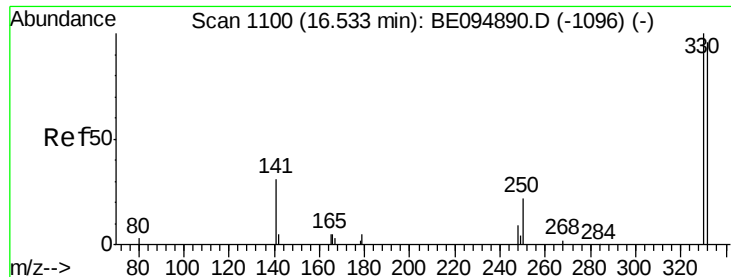
4000

2000

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.507 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Instrument :

BNA_E

ClientSampleId :

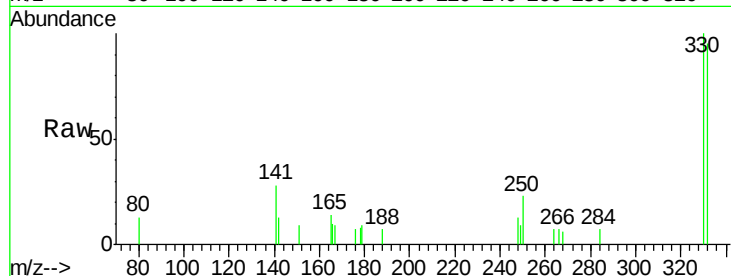
Tot Ion:330 Resp: 1121

Ion Ratio Lower Upper

330 100

332 95.5 152.7 229.1#

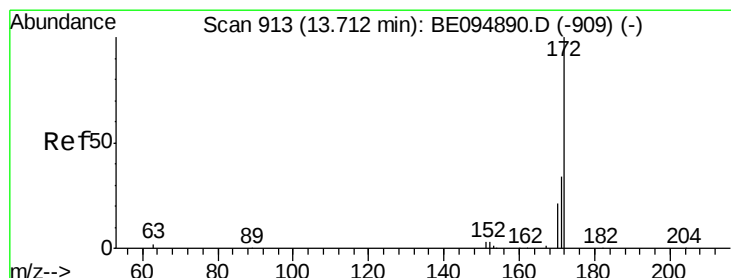
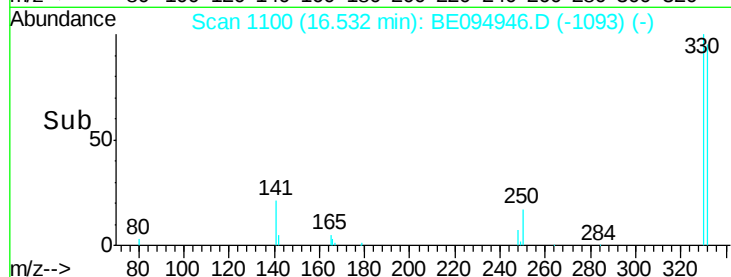
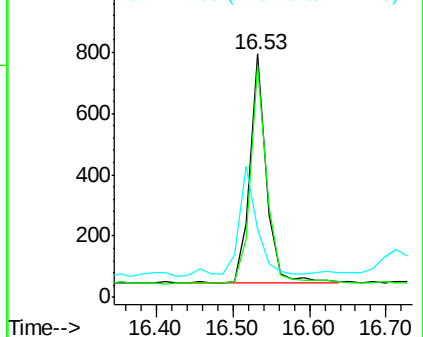
141 51.4 33.7 50.5#



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: 0.381 ng

RT: 13.71 min Scan# 913

Delta R.T. -0.00 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

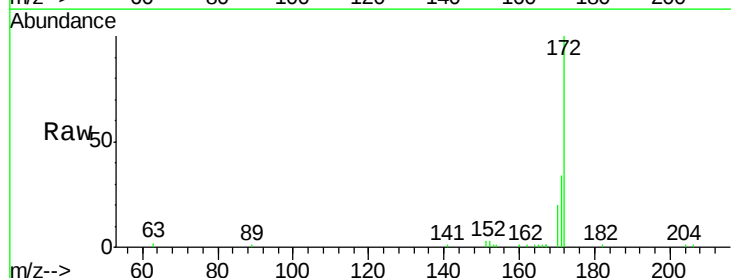
Tgt Ion:172 Resp: 16723

Ion Ratio Lower Upper

172 100

171 34.1 29.9 44.9

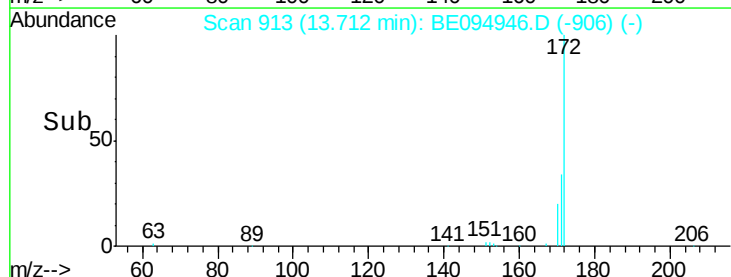
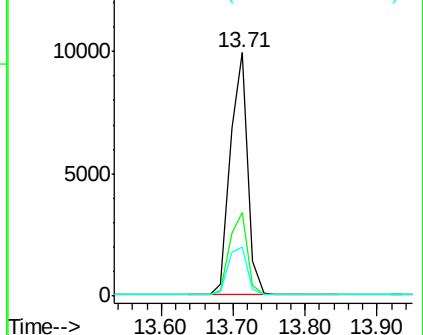
170 20.1 21.8 32.8#

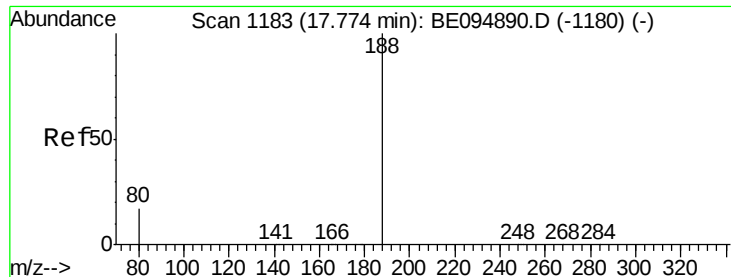


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.77 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Instrument :

BNA_E

ClientSampleId :

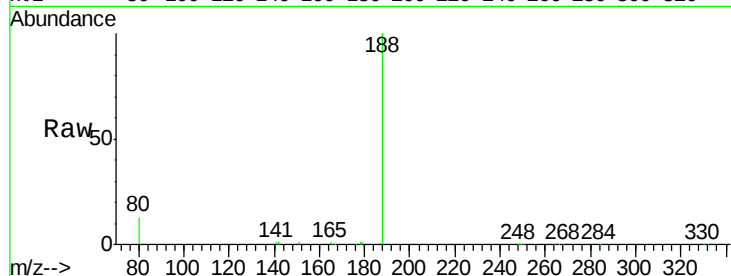
Tot Ion:188 Resp: 26169

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

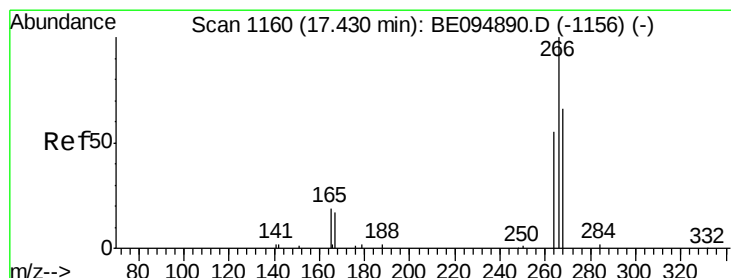
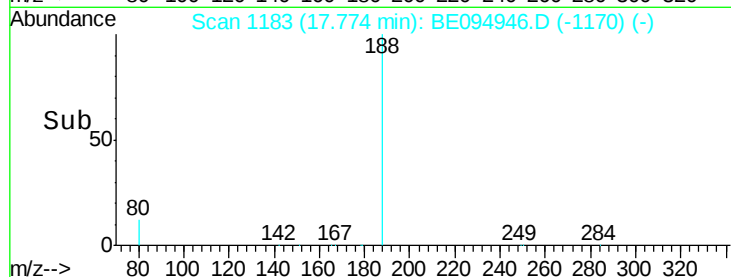
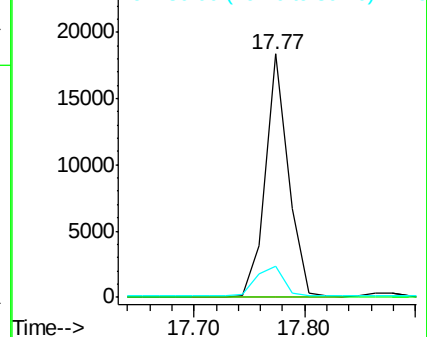
80 12.6 3.6 5.4#



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: 0.137 ng

RT: 17.43 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

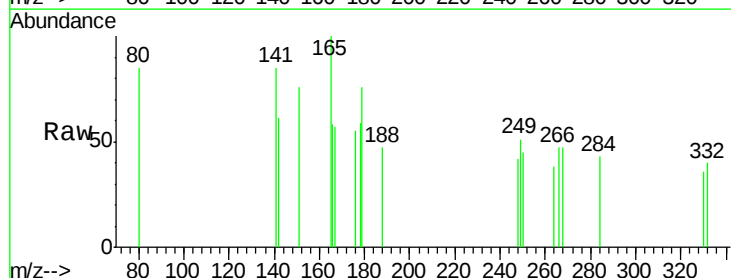
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 80.6 72.5 108.7

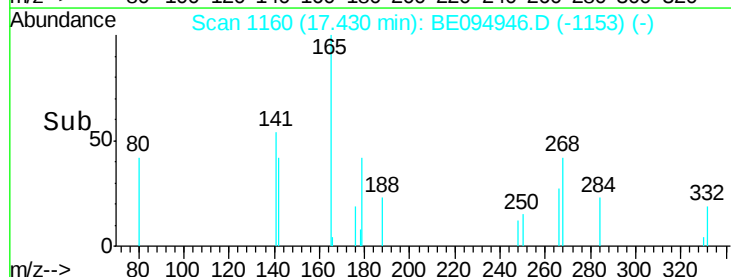
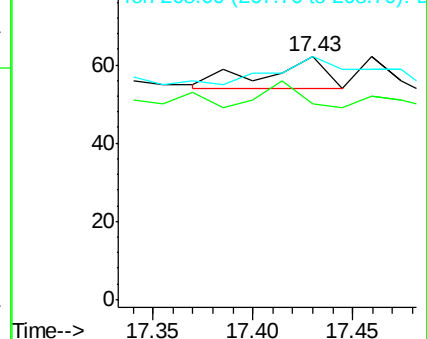
268 100.0 73.8 110.6

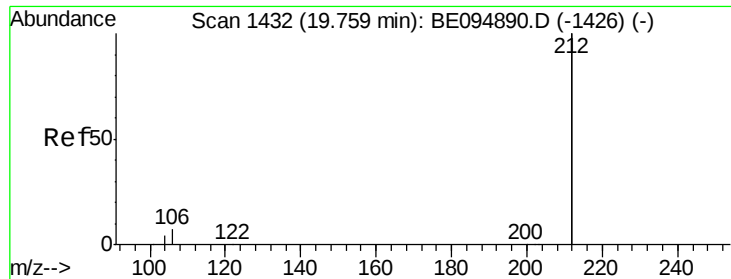


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.344 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Instrument :

BNA_E

ClientSampleId :

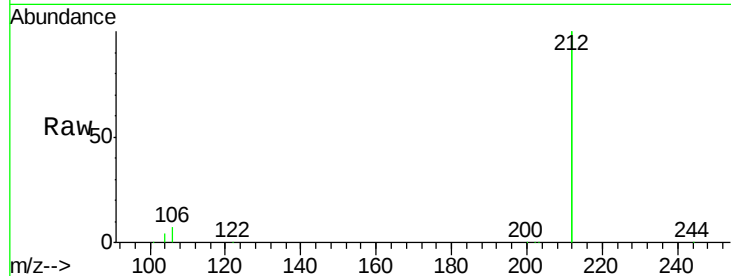
Tot Ion:212 Resp: 122964

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

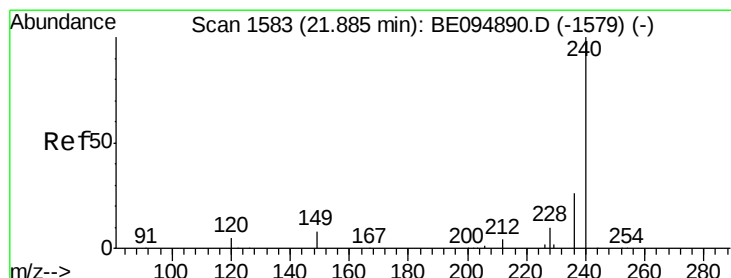
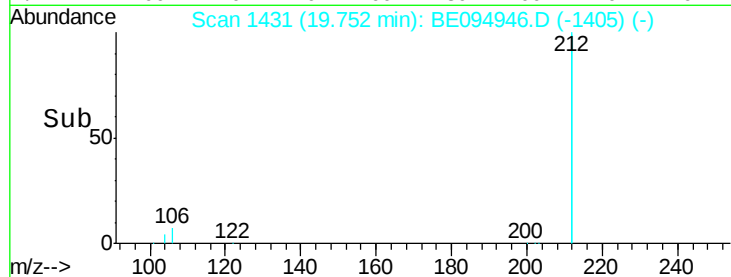
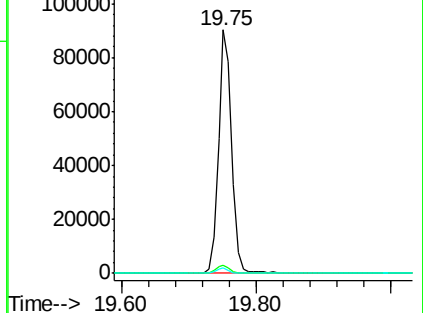
104 2.0 1.6 2.4



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: 21.87 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

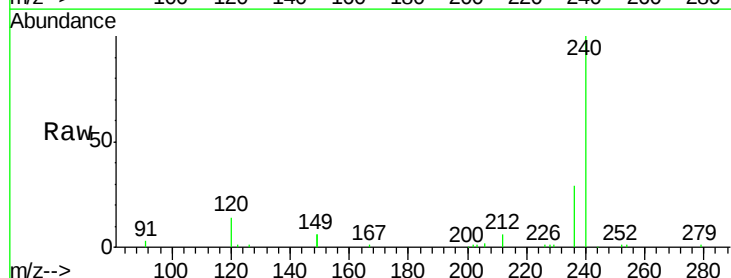
Tgt Ion:240 Resp: 27843

Ion Ratio Lower Upper

240 100

120 14.3 5.5 8.3#

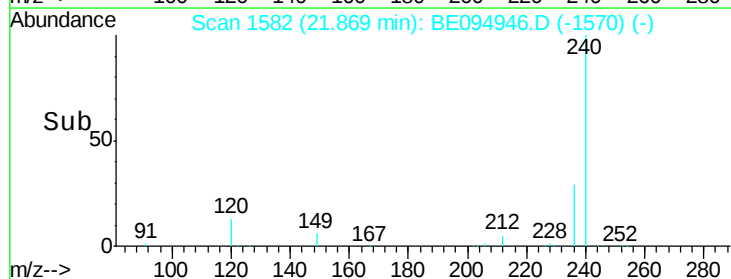
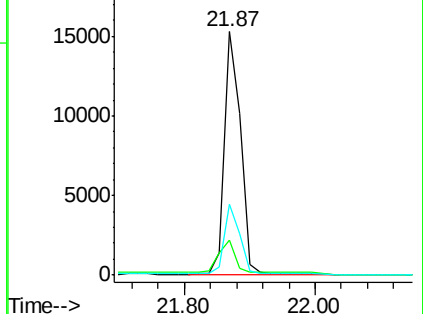
236 29.2 20.7 31.1

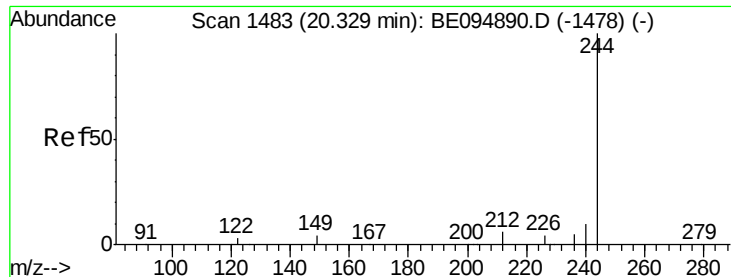


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.524 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Instrument :

BNA_E

ClientSampleId :

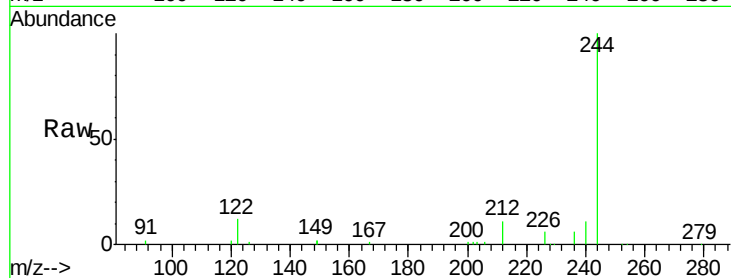
Tot Ion:244 Resp: 26948

Ion Ratio Lower Upper

244 100

212 11.1 25.4 38.0#

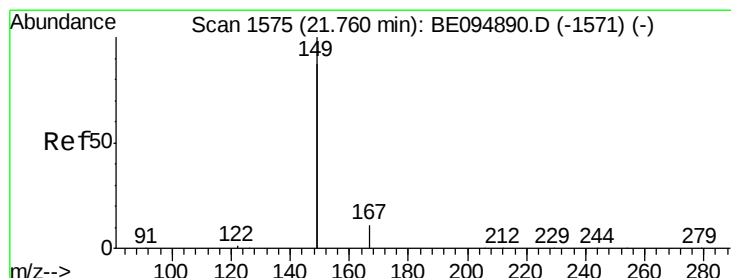
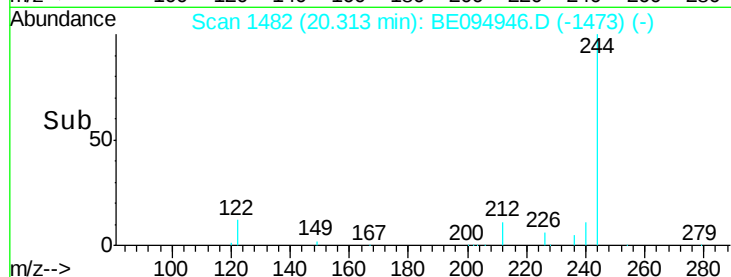
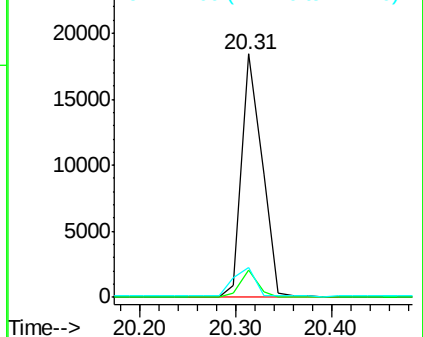
122 12.3 8.1 12.1#



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: 0.064 ng

RT: 21.74 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

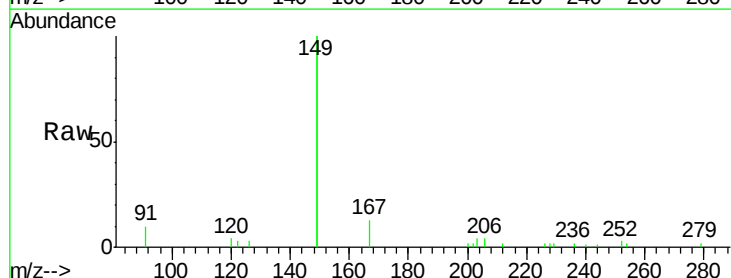
Tgt Ion:149 Resp: 9072

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

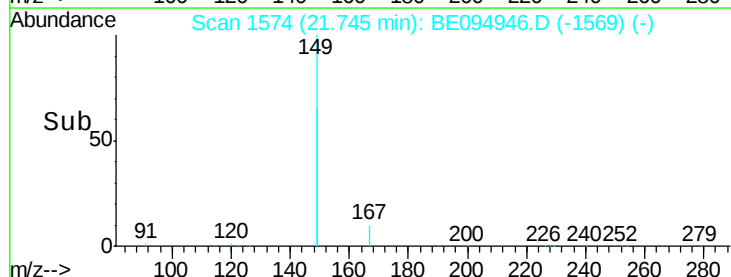
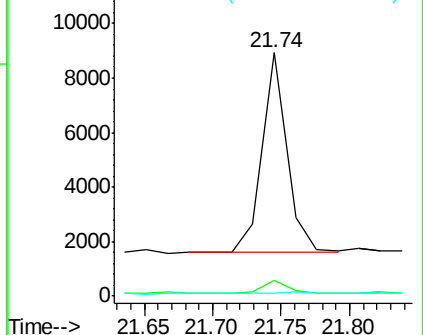
279 0.7 0.7 1.1#

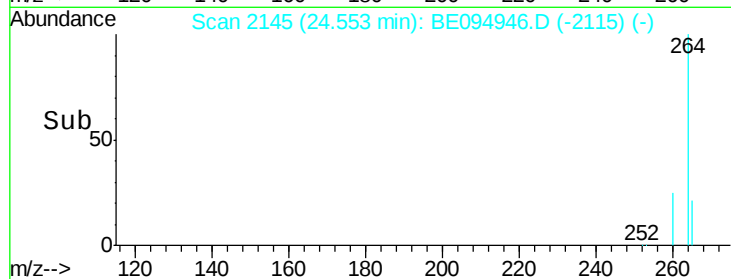
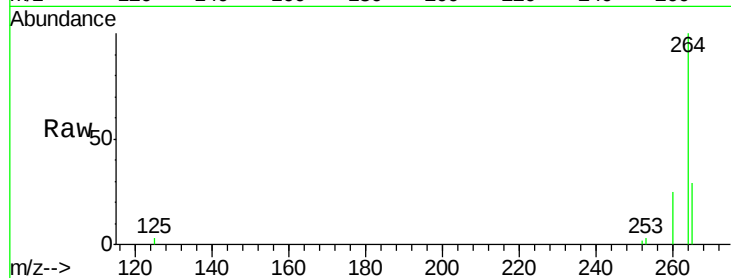
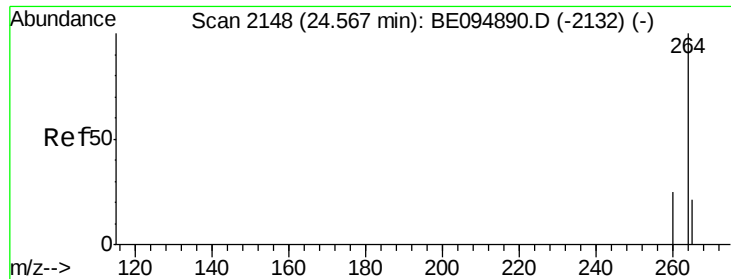


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.55 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BE094946.D

Acq: 6 Dec 2017 11:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 23264

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

265 29.3 22.8 34.2

