

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
 Data File : BE094873.D
 Acq On : 27 Nov 2017 15:30
 Operator : SJ/JU
 Sample : PB104506BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 50

Instrument :
 BNA_E
 ClientSampleId :
 PB104506BL

Quant Time: Nov 27 16:20:35 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	30920	20.00	ng	-0.03
7) Naphthalene-d8	10.67	136	184447	20.00	ng	-0.03
13) Acenaphthene-d10	14.49	164	112336	20.00	ng	-0.02
19) Phenanthrene-d10	17.23	188	304968	20.00	ng	0.00
27) Chrysene-d12	21.42	240	365243	20.00	ng	-0.01
34) Perylene-d12	23.94	264	351705	20.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	224338	105.89	ng	-0.05
5) Phenol-d6	7.07	99	354842	110.96	ng	-0.06
8) Nitrobenzene-d5	9.04	82	209879	71.26	ng	-0.03
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	16.00	330	110265	177.93	ng	-0.03
15) 2-Fluorobiphenyl	13.12	172	506472	63.96	ng	-0.03
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.84	244	939020	68.17	ng	-0.02

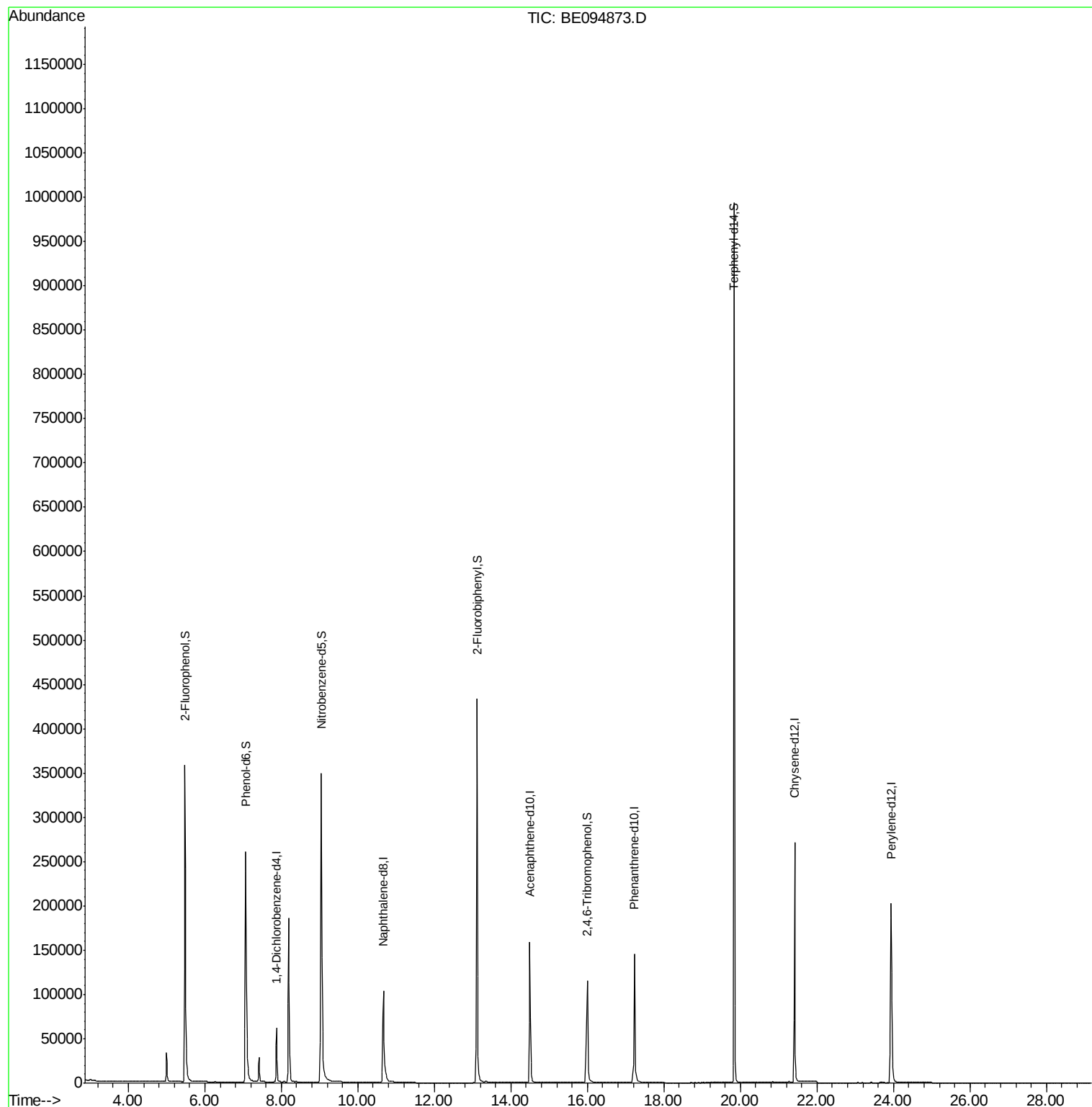
Target Compounds Qvalue

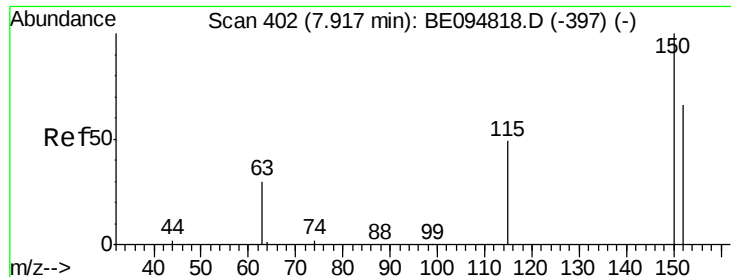
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.88 min Scan# 399

Delta R.T. -0.03 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB104506BL

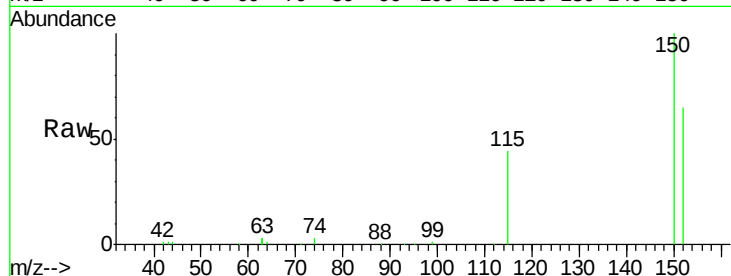
Tgt Ion:152 Resp: 30920

Ion Ratio Lower Upper

152 100

150 154.7 117.2 175.8

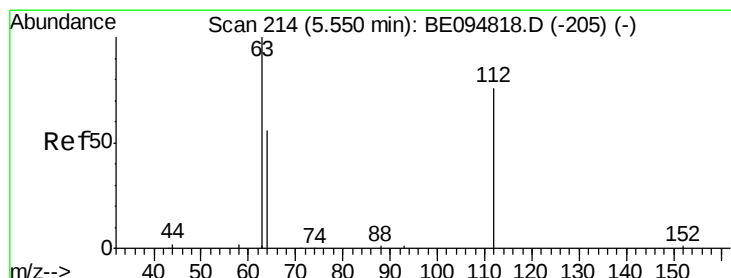
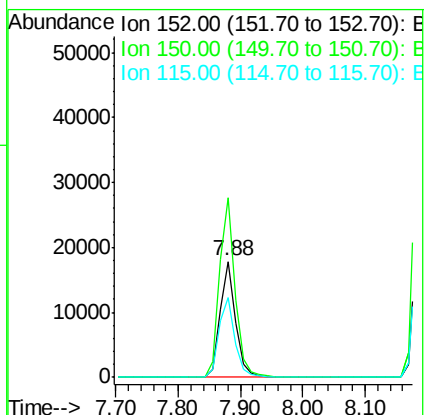
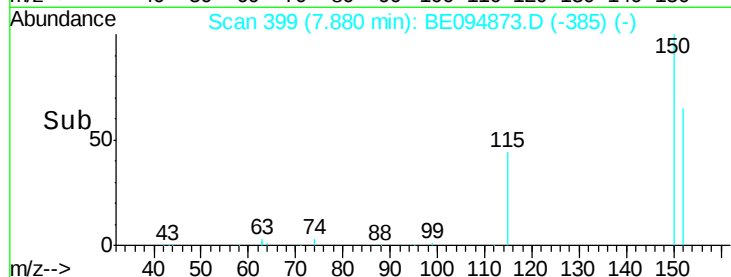
115 68.8 57.0 85.6



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: 105.891 ng

RT: 5.48 min Scan# 208

Delta R.T. -0.05 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

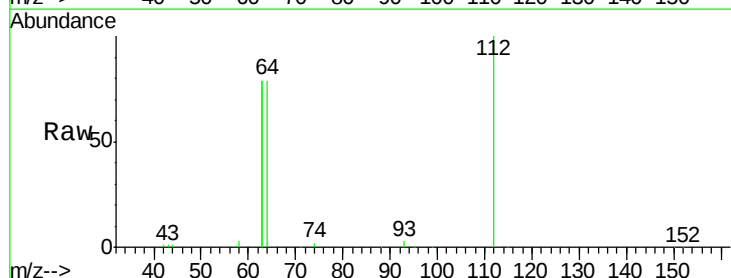
Tgt Ion:112 Resp: 224338

Ion Ratio Lower Upper

112 100

64 66.6 60.1 90.1

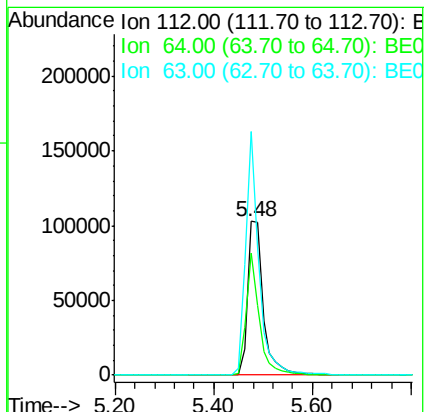
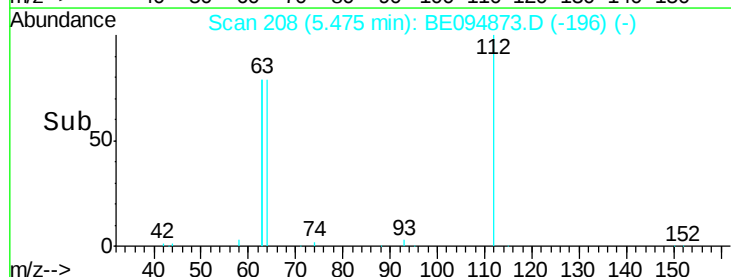
63 132.4 116.8 175.2

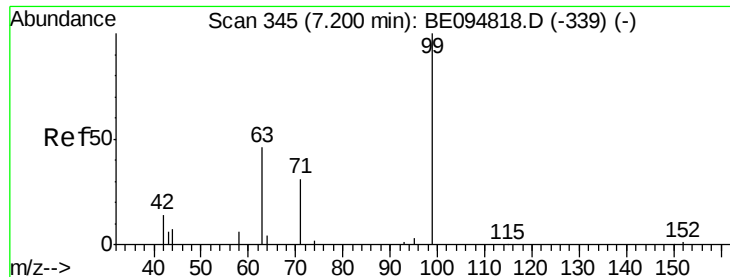


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 110.960 ng

RT: 7.07 min Scan# 335

Delta R.T. -0.06 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB104506BL

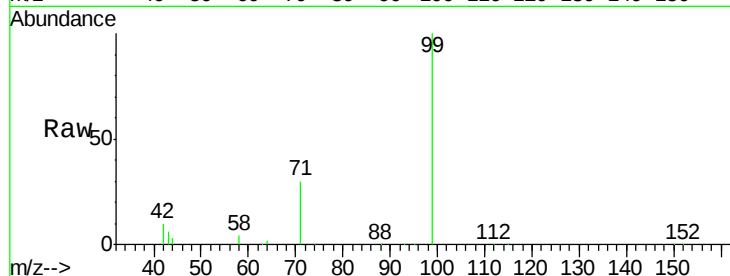
Tgt Ion: 99 Resp: 354842

Ion Ratio Lower Upper

99 100

42 15.7 20.2 30.2#

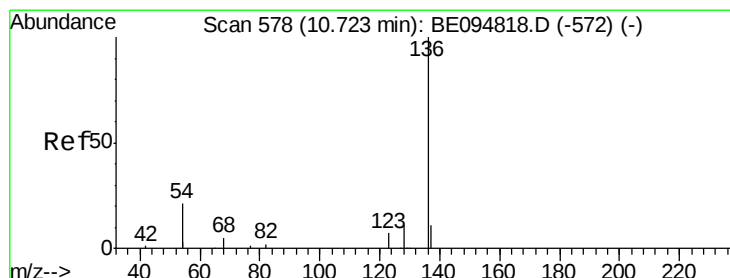
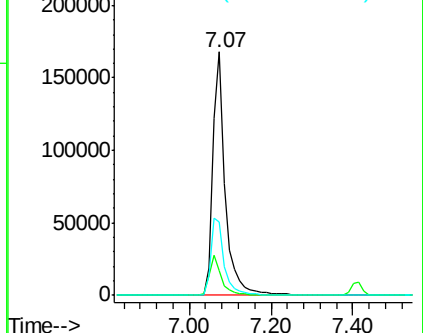
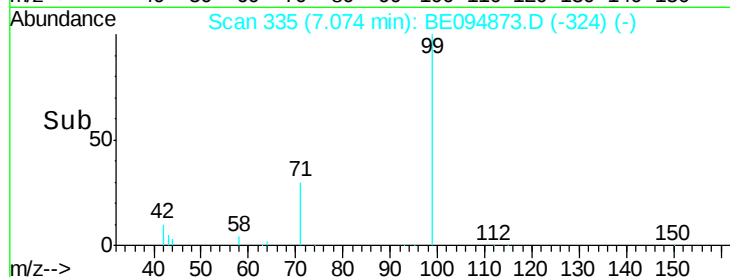
71 34.4 28.4 42.6



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: 20.000 ng

RT: 10.67 min Scan# 575

Delta R.T. -0.03 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

Tgt Ion: 136 Resp: 184447

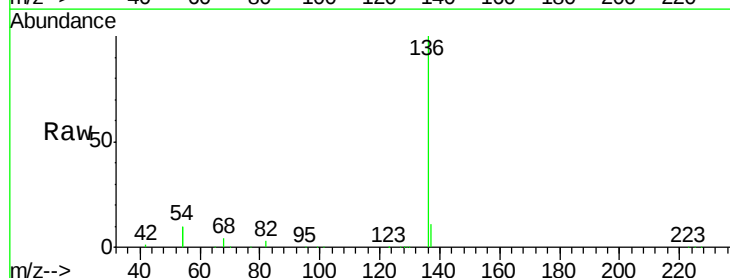
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 19.3 29.1 43.7#

68 4.2 6.2 9.2#

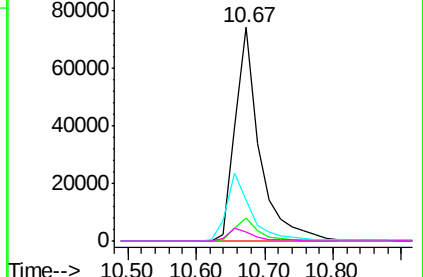
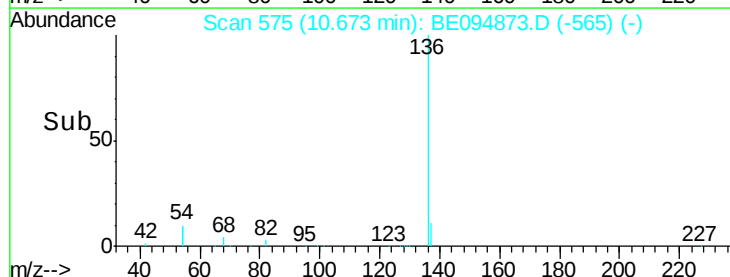


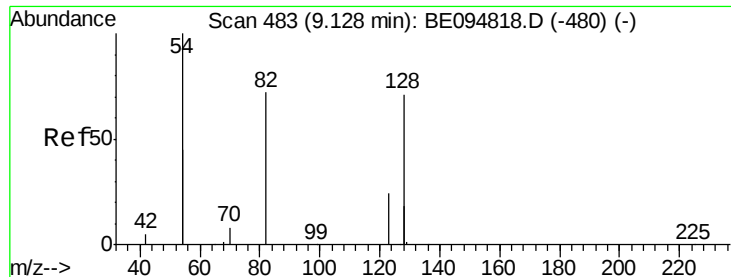
Abundance Ion 136.00 (135.70 to 136.70): E

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

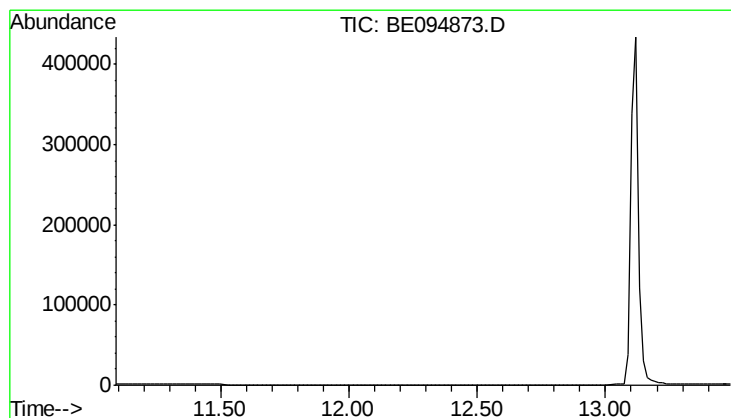
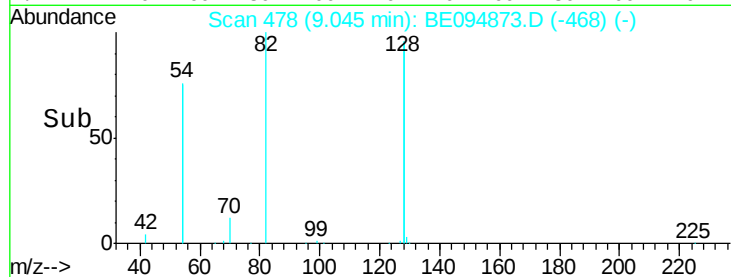
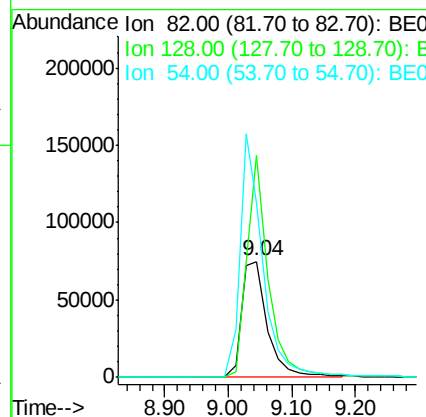
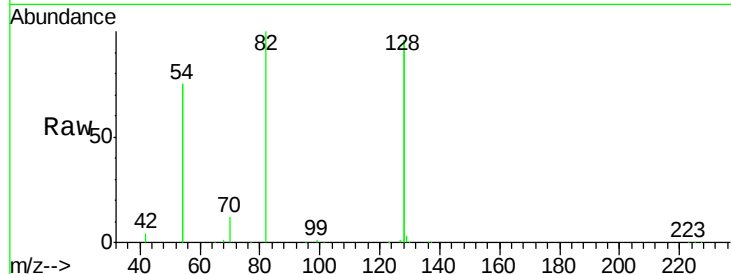




#8
 Nitrobenzene-d5
 Concen: 71.263 ng
 RT: 9.04 min Scan# 478
 Delta R.T. -0.03 min
 Lab File: BE094873.D
 Acq: 27 Nov 2017 15:30

Instrument :
 BNA_E
 ClientSampleId :
 PB104506BL

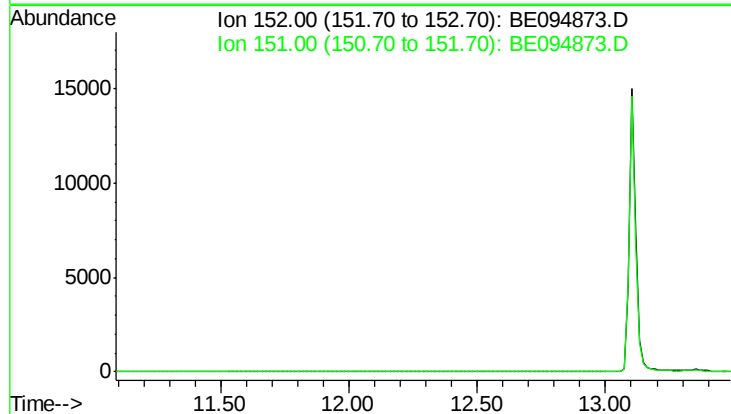
Tgt Ion: 82 Resp: 209879
 Ion Ratio Lower Upper
 82 100
 128 191.0 150.0 225.0
 54 151.0 154.2 231.4#

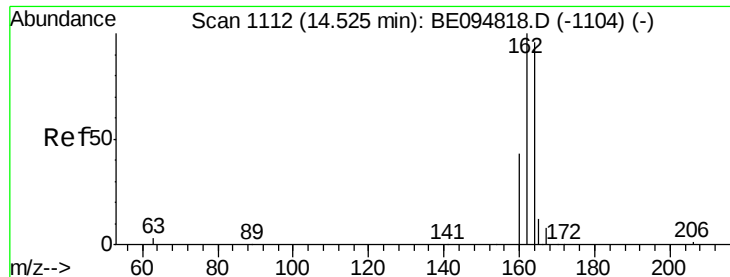


#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 12.29 min

Lab File: BE094873.D
 Acq: 27 Nov 2017 15:30

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 151 19.2





#13

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB104506BL

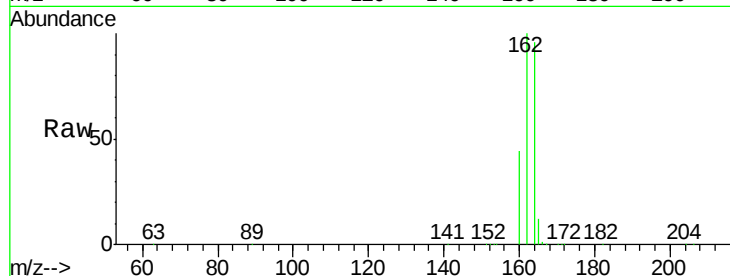
Tgt Ion:164 Resp: 112336

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

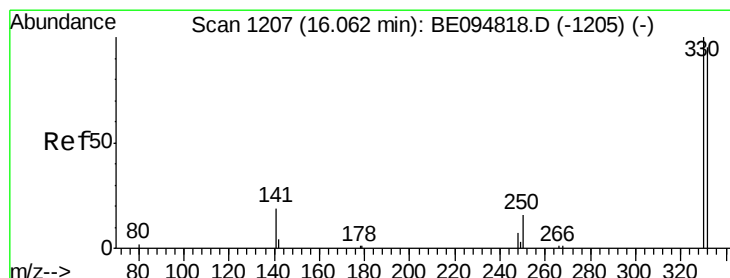
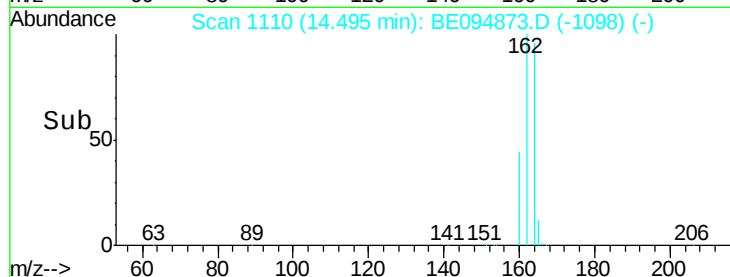
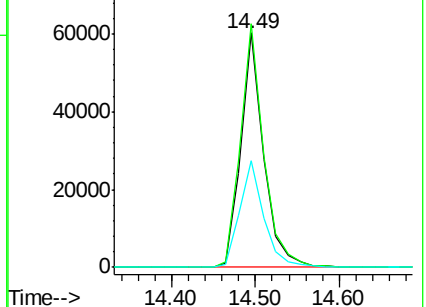
160 45.6 37.1 55.7



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: 177.926 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

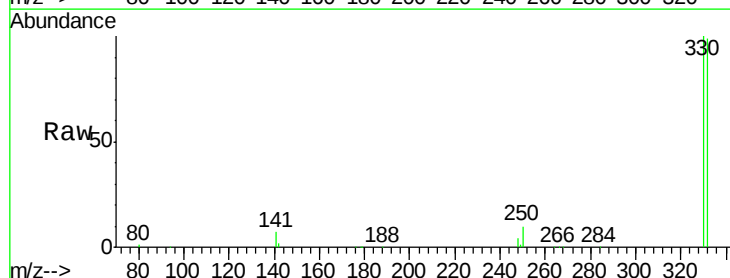
Tgt Ion:330 Resp: 110265

Ion Ratio Lower Upper

330 100

332 101.9 152.7 229.1#

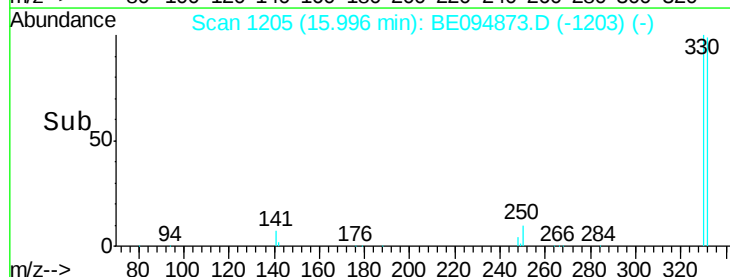
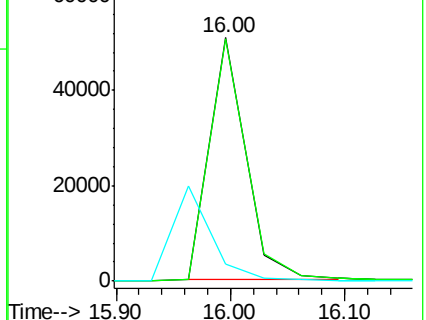
141 0.0 33.7 50.5#

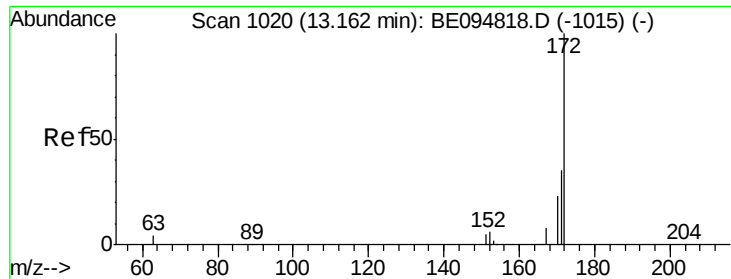


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

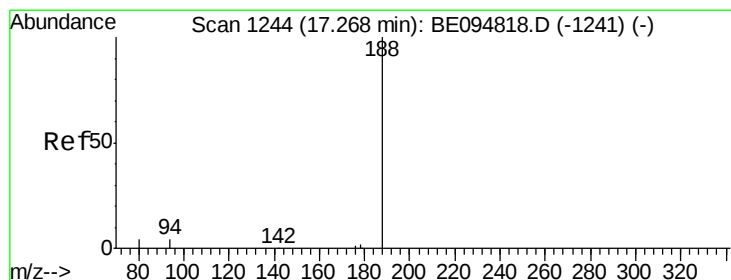
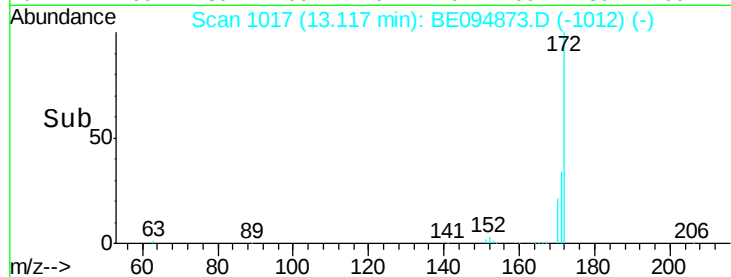
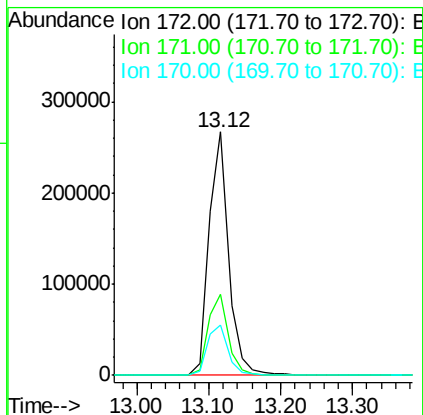
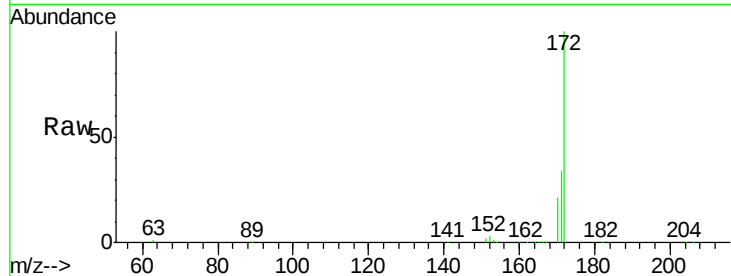




#15
 2-Fluorobiphenyl
 Concen: 63.962 ng
 RT: 13.12 min Scan# 1017
 Delta R.T. -0.03 min
 Lab File: BE094873.D
 Acq: 27 Nov 2017 15:30

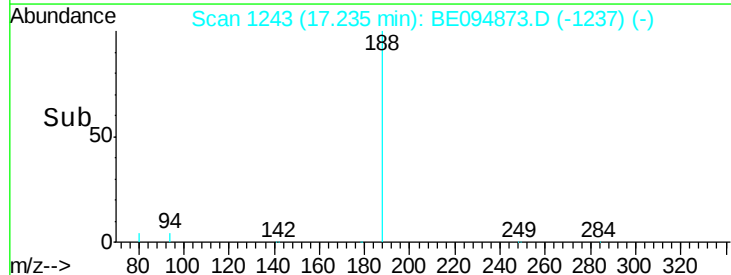
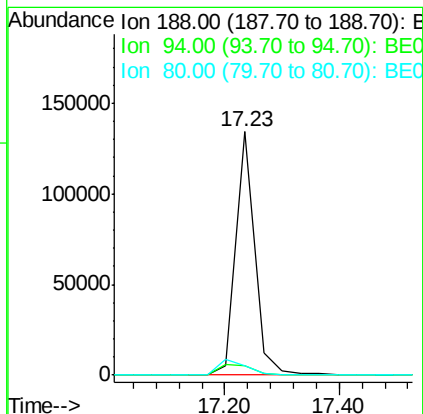
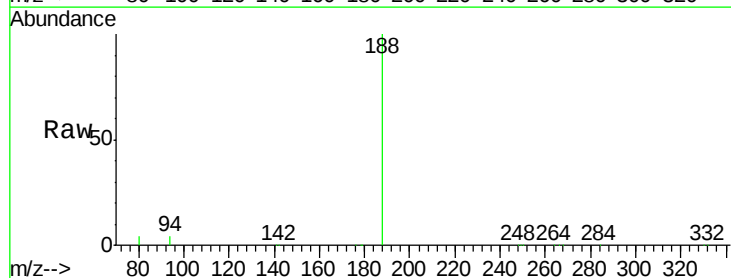
Instrument :
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 PB104506BL

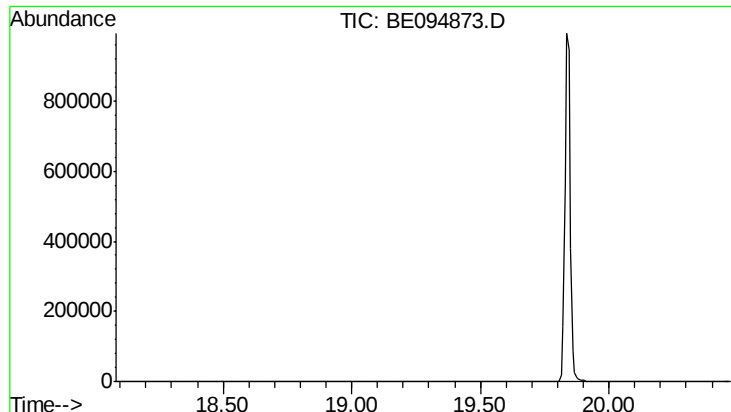
Tgt Ion:172 Resp: 506472
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.9 44.9
 170 20.8 21.8 32.8#



#19
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BE094873.D
 Acq: 27 Nov 2017 15:30

Tgt Ion:188 Resp: 304968
 Ion Ratio Lower Upper
 188 100
 94 4.0 3.9 5.9
 80 3.8 3.6 5.4





#25

Fluoranthene-d10

Concen: 0.000 ng

Expected RT: 19.28 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB104506BL

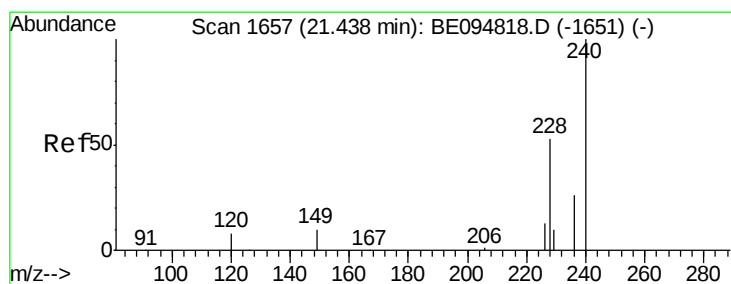
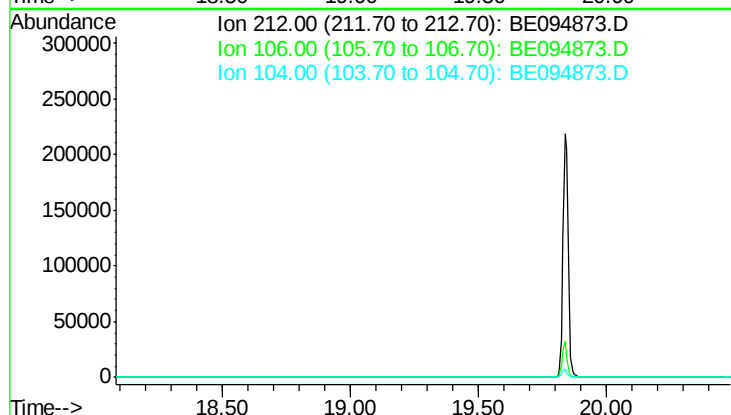
Tgt Ion: 212

Sig Exp Ratio

212 100

106 3.5

104 2.0



#27

Chrysene-d12

Concen: 20.000 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

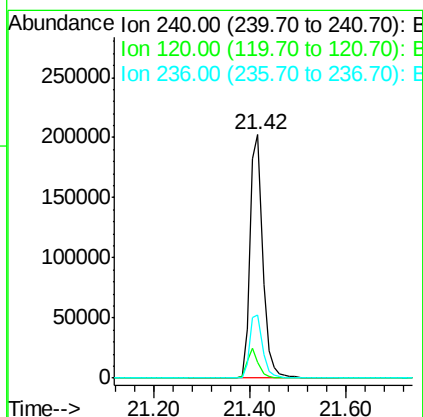
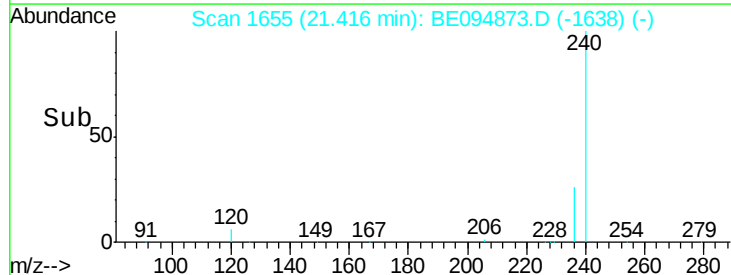
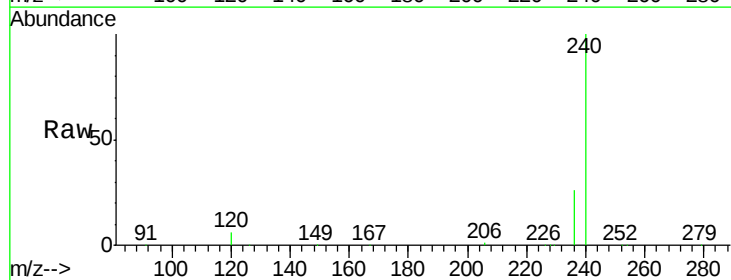
Tgt Ion: 240 Resp: 365243

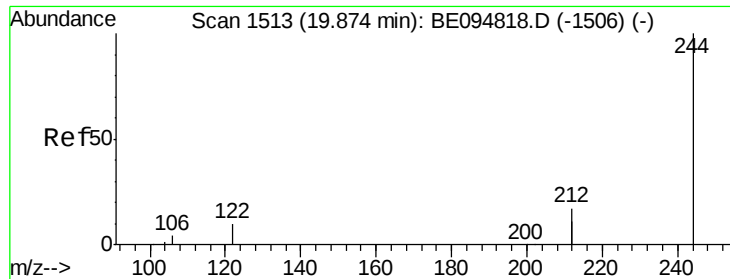
Ion Ratio Lower Upper

240 100

120 6.3 5.5 8.3

236 25.8 20.7 31.1





#29

Terphenyl-d14

Concen: 68.175 ng

RT: 19.84 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

Instrument :

BNA_E

ClientSampleId :

PB104506BL

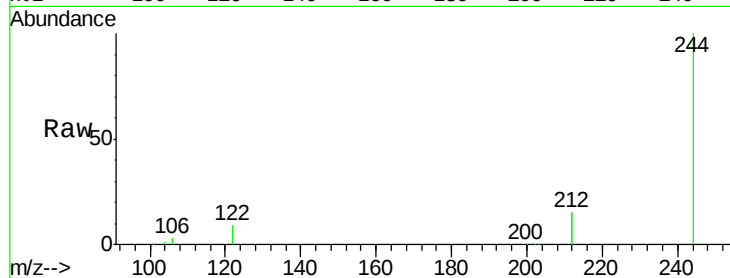
Tgt Ion:244 Resp: 939020

Ion Ratio Lower Upper

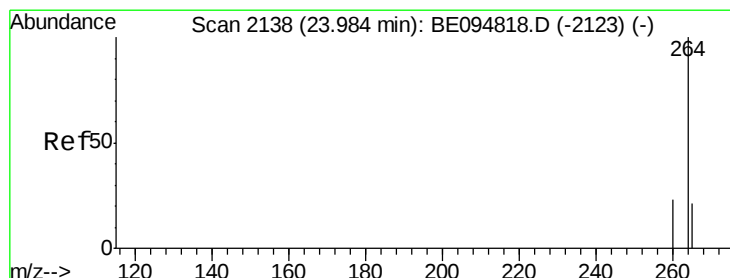
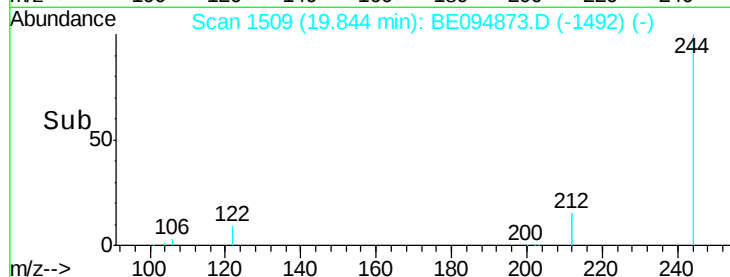
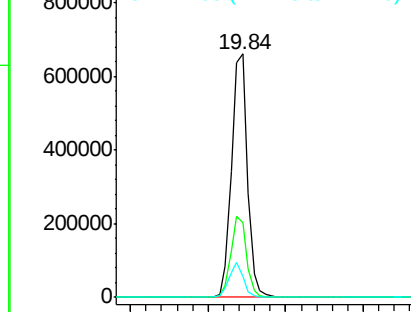
244 100

212 30.9 25.4 38.0

122 8.6 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



#34

Perylene-d12

Concen: 20.000 ng

RT: 23.94 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE094873.D

Acq: 27 Nov 2017 15:30

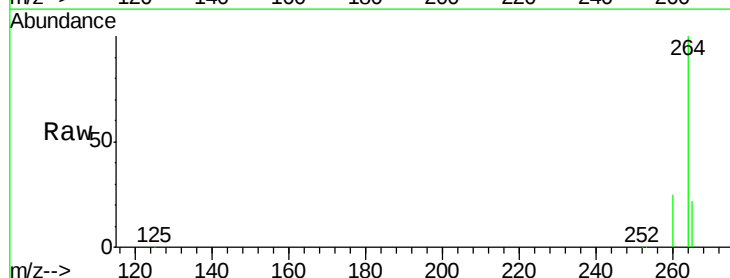
Tgt Ion:264 Resp: 351705

Ion Ratio Lower Upper

264 100

260 24.7 20.5 30.7

265 21.7 22.8 34.2#



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

