

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093525.D
 Acq On : 22 Jul 2017 1:30
 Operator : SJ/JU
 Sample : I4199-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3574-PA4

Quant Time: Jul 22 03:42:10 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

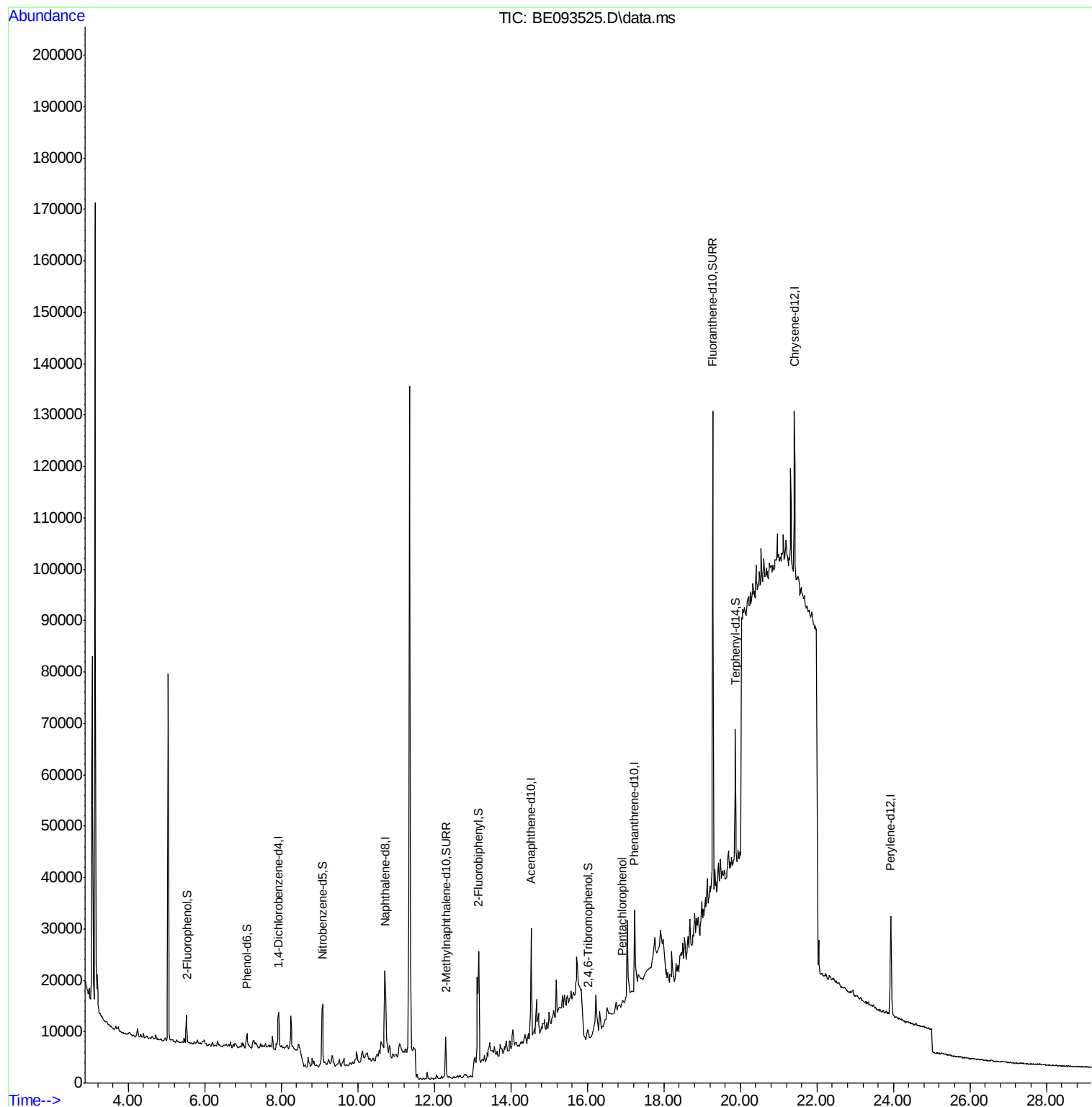
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.931	152	3485	0.40	ng	0.00
7) Naphthalene-d8	10.706	136	19615	0.40	ng	0.00
13) Acenaphthene-d10	14.525	164	14007	0.40	ng	0.00
19) Phenanthrene-d10	17.235	188	19243	0.40	ng	0.00
27) Chrysene-d12	21.415	240	34244	0.40	ng	0.00
34) Perylene-d12	23.934	264	28787	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.526	112	2783	0.23	ng	0.01
5) Phenol-d6	7.100	99	2858	0.17	ng	0.00
8) Nitrobenzene-d5	9.077	82	5824	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	12.295	152	10990	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.029	330	1400	0.27	ng	0.03
15) 2-Fluorobiphenyl	13.162	172	19218	0.35	ng	0.00
25) Fluoranthene-d10	19.281	212	127576	0.42	ng	0.00
29) Terphenyl-d14	19.866	244	21716	0.35	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.909	266	976	0.36	ng	98

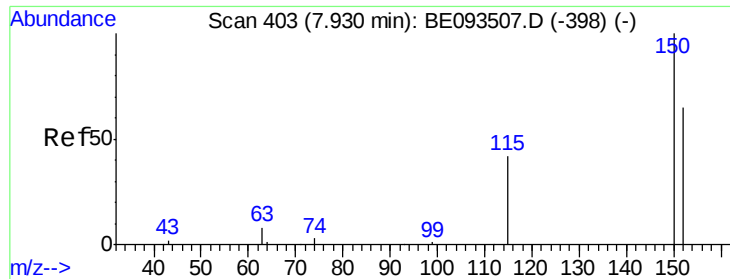
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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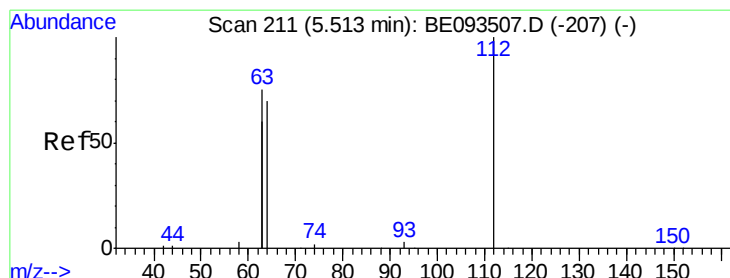
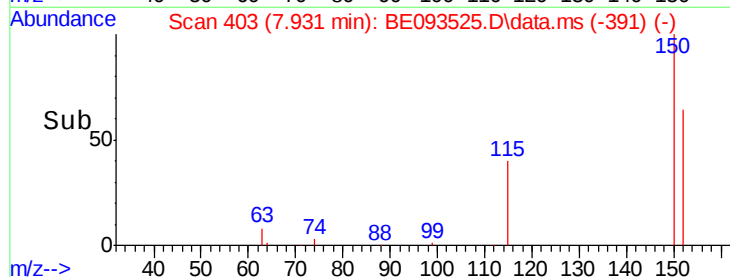
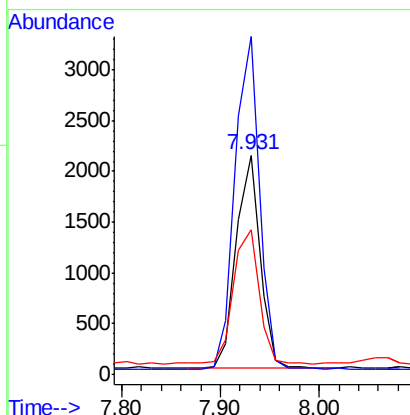
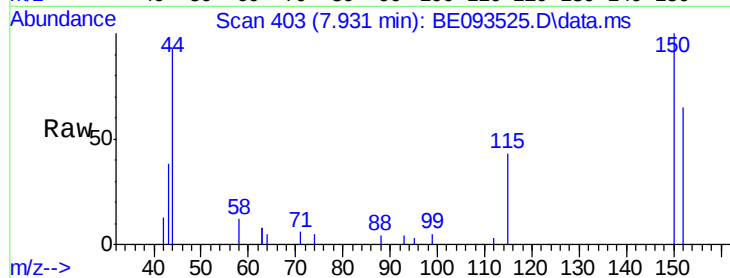




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.931 min Scan# 40
 Delta R.T. 0.001 min
 Lab File: BE093525.D
 Acq: 22 Jul 2017 1:30

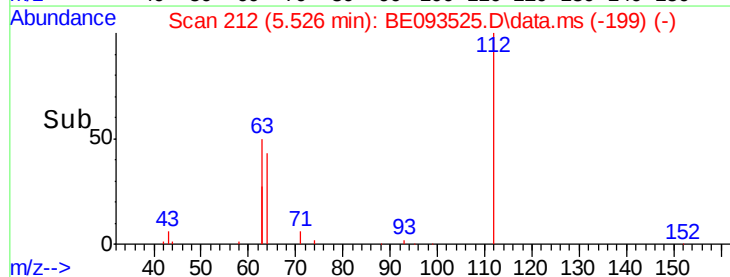
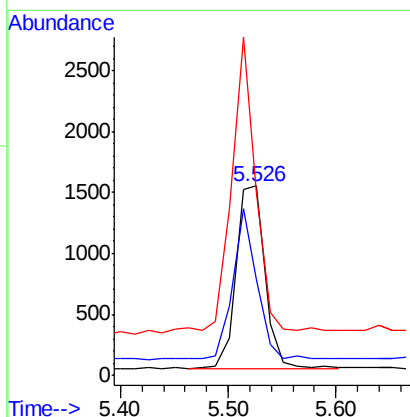
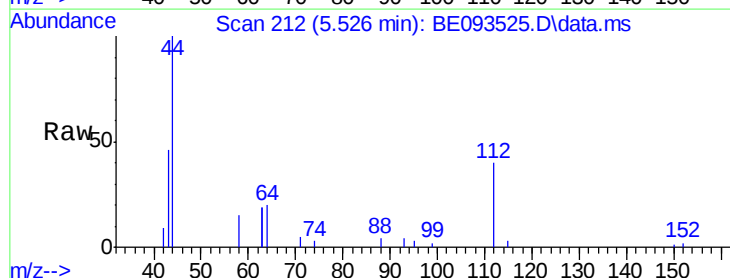
Instrument :
 BNA_E
 ClientSampleId :
 3574-PA4

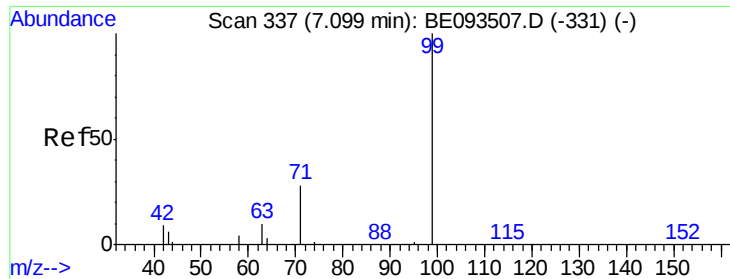
Tot Ion:152 Resp: 3485
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.1 187.7
 115 66.2 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.23 ng
 RT: 5.526 min Scan# 212
 Delta R.T. 0.014 min
 Lab File: BE093525.D
 Acq: 22 Jul 2017 1:30

Tgt Ion:112 Resp: 2783
 Ion Ratio Lower Upper
 112 100
 64 71.3 56.4 84.6
 63 138.3 29.3 43.9#





#5

Phenol-d6

Concen: 0.17 ng

RT: 7.100 min Scan# 33

Delta R.T. 0.001 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

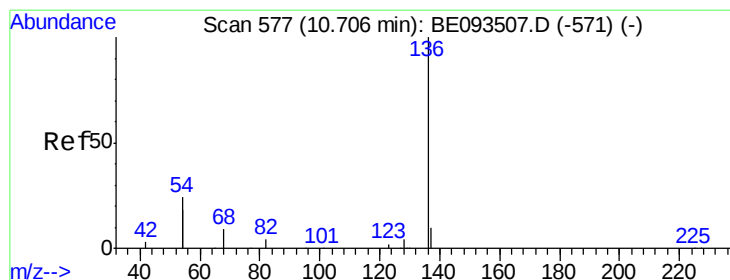
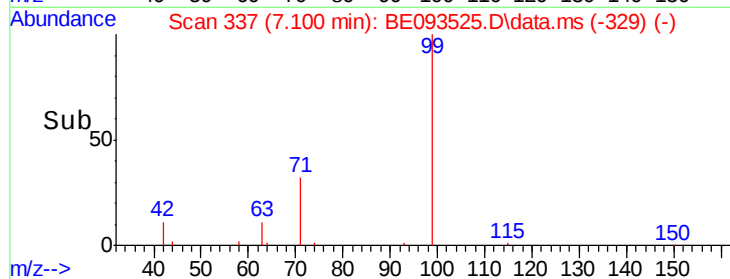
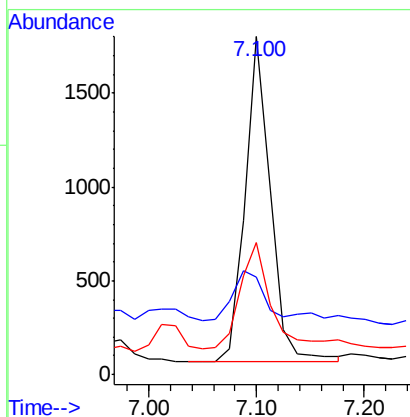
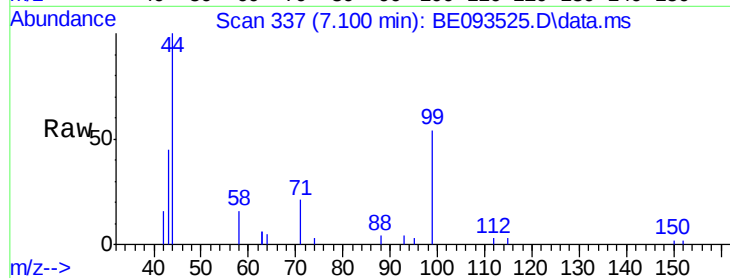
Tot Ion: 99 Resp: 2858

Ion Ratio Lower Upper

99 100

42 27.6 0.0 0.0#

71 42.6 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.706 min Scan# 577

Delta R.T. -0.001 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Tgt Ion: 136 Resp: 19615

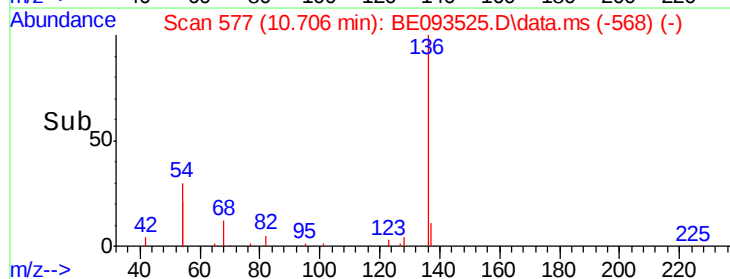
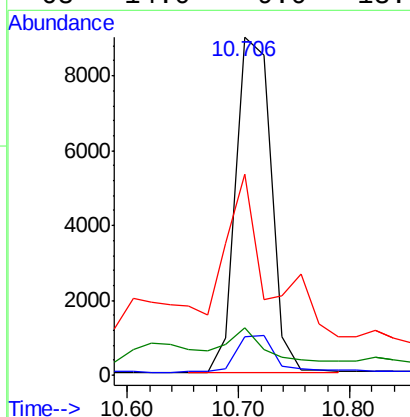
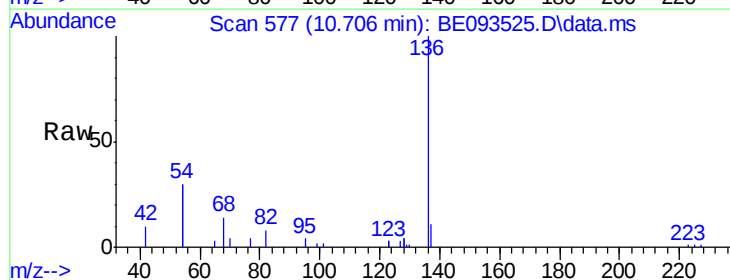
Ion Ratio Lower Upper

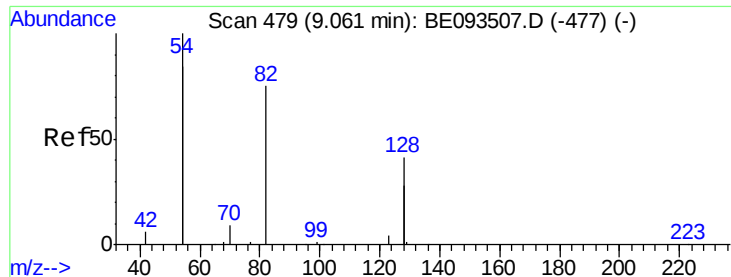
136 100

137 11.4 9.8 14.8

54 59.5 10.3 15.5#

68 14.0 9.0 13.4#





#8

Nitrobenzene-d5

Concen: 0.37 ng

RT: 9.077 min Scan# 48

Delta R.T. 0.016 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

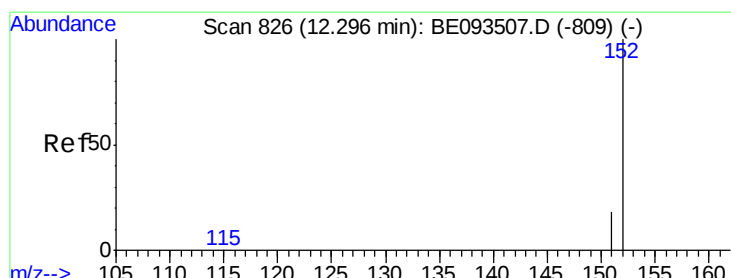
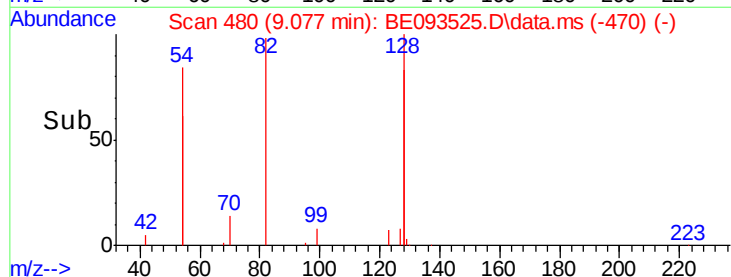
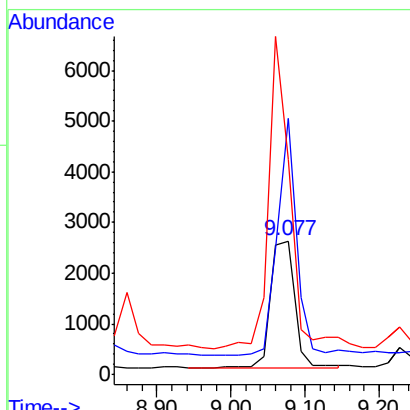
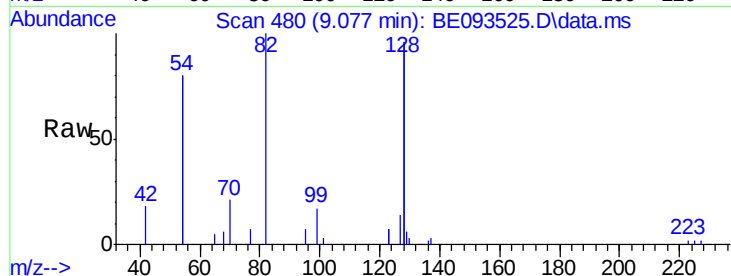
Tot Ion: 82 Resp: 5824

Ion Ratio Lower Upper

82 100

128 191.7 17.0 25.4#

54 160.7 53.8 80.6#



#11

2-Methylnaphthalene-d10

Concen: 0.35 ng

RT: 12.295 min Scan# 826

Delta R.T. -0.000 min

Lab File: BE093525.D

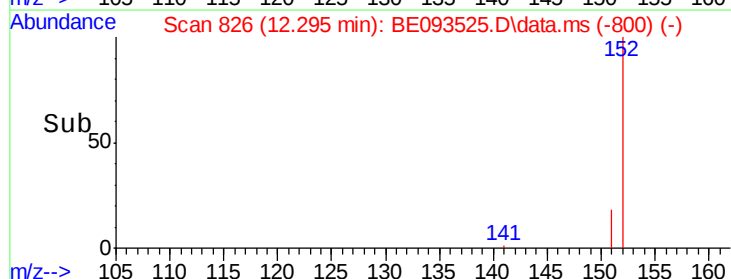
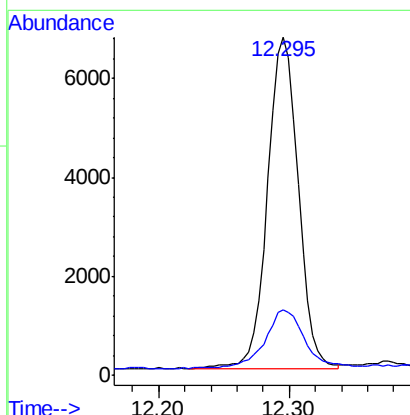
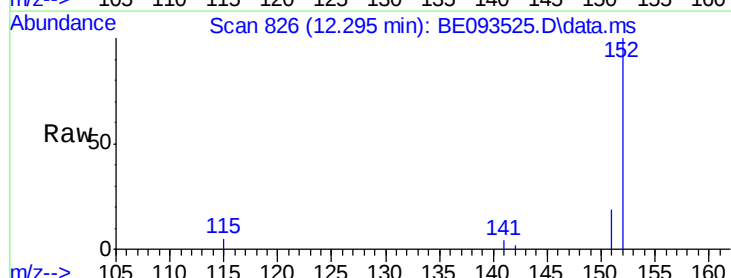
Acq: 22 Jul 2017 1:30

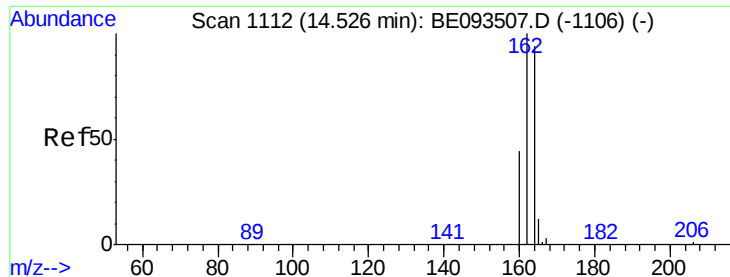
Tgt Ion: 152 Resp: 10990

Ion Ratio Lower Upper

152 100

151 23.3 15.1 22.7#





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.525 min Scan# 1112

Delta R.T. -0.001 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

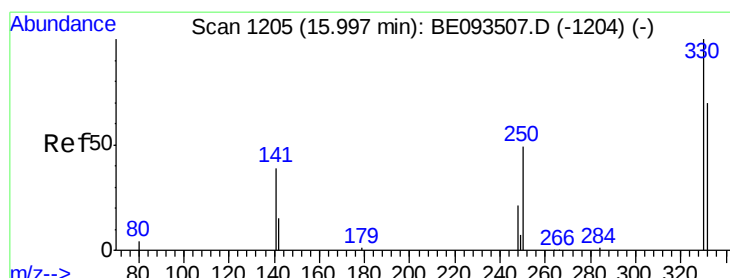
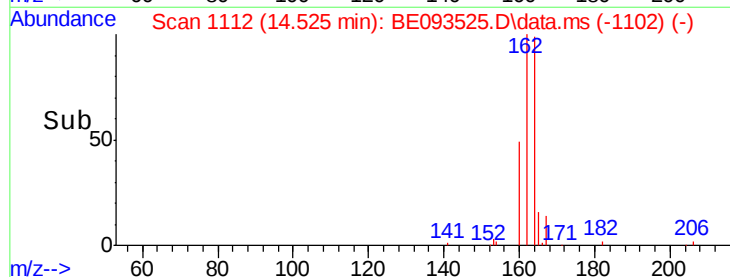
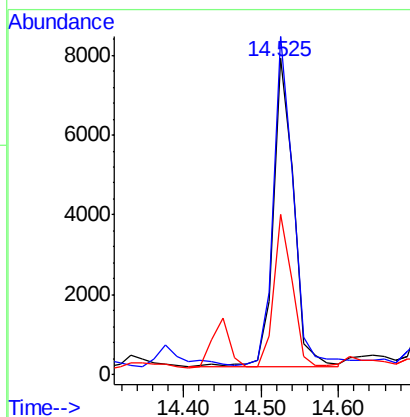
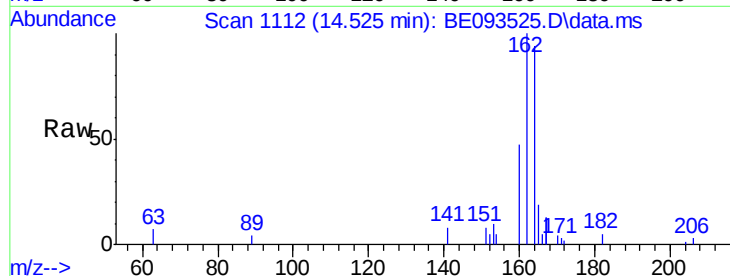
Tot Ion:164 Resp: 14007

Ion Ratio Lower Upper

164 100

162 106.7 84.6 127.0

160 50.7 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.27 ng

RT: 16.029 min Scan# 1206

Delta R.T. 0.032 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

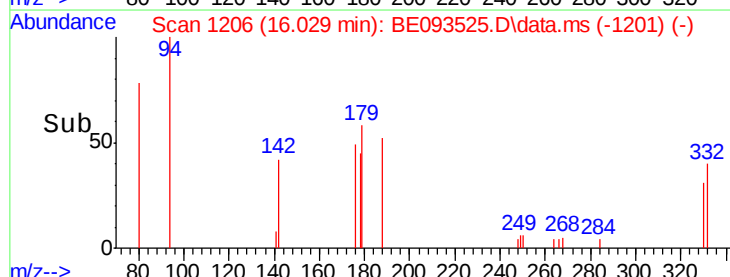
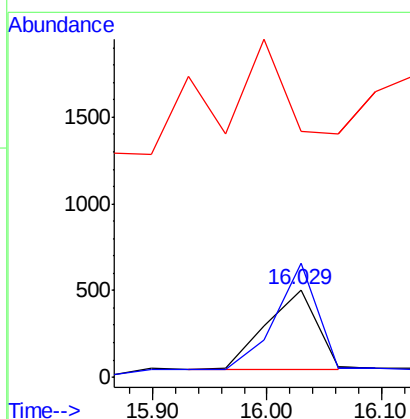
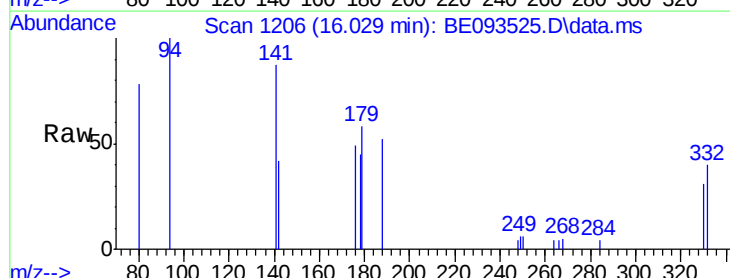
Tgt Ion:330 Resp: 1400

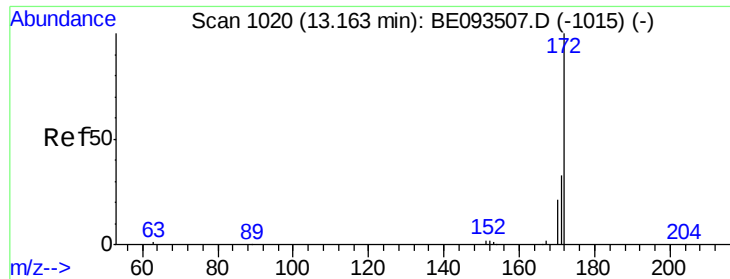
Ion Ratio Lower Upper

330 100

332 109.4 77.7 116.5

141 0.0 56.2 84.4#

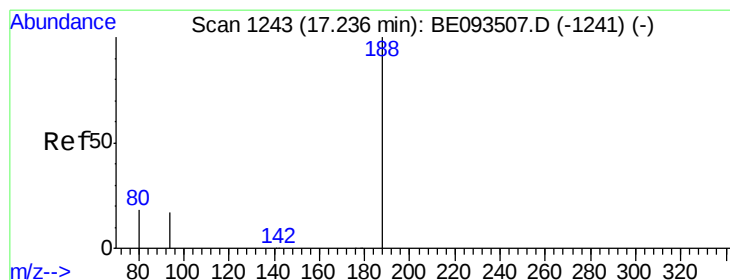
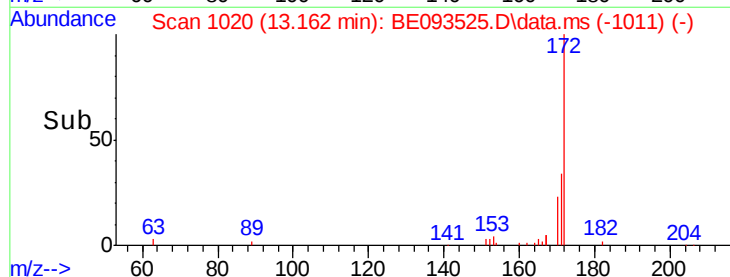
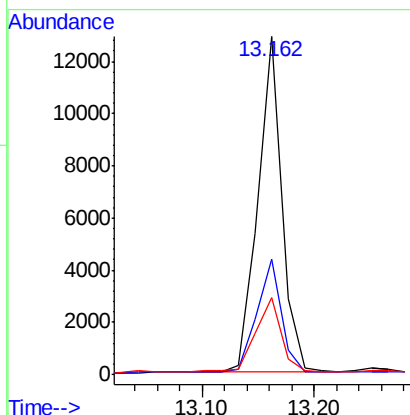
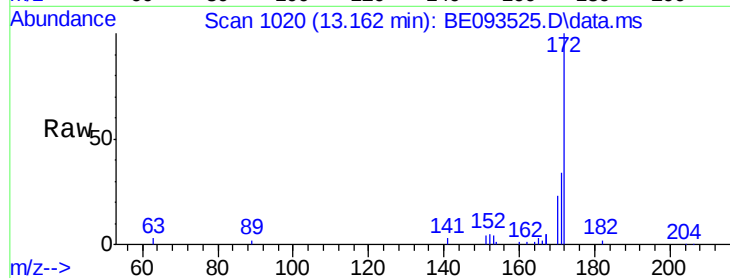




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.162 min Scan# 101
Delta R.T. -0.001 min
Lab File: BE093525.D
Acq: 22 Jul 2017 1:30

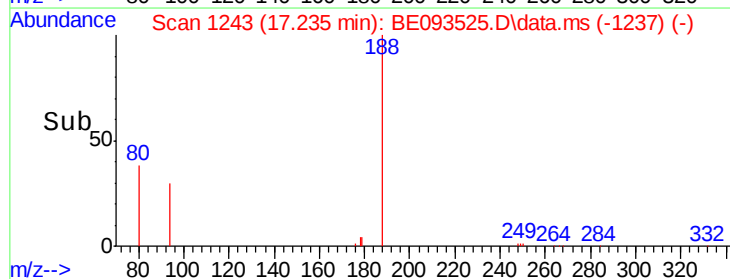
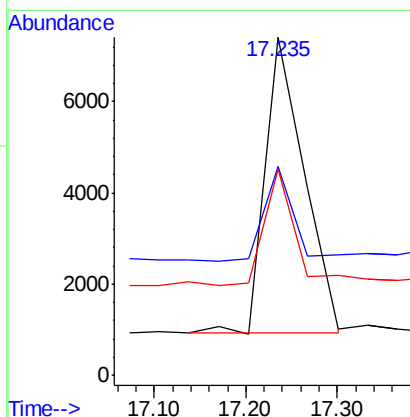
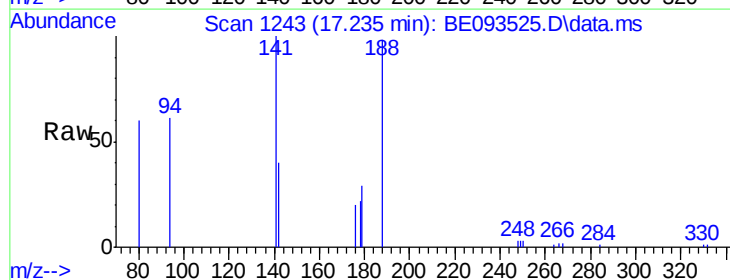
Instrument :
BNA_E
ClientSampleId :
3574-PA4

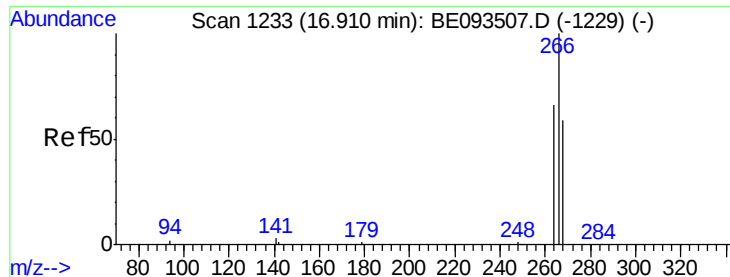
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.8	44.6
170	22.8	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.235 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE093525.D
Acq: 22 Jul 2017 1:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	61.9	11.3	16.9#
80	60.9	11.7	17.5#





#22

Pentachlorophenol

Concen: 0.36 ng

RT: 16.909 min Scan# 12

Delta R.T. -0.001 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

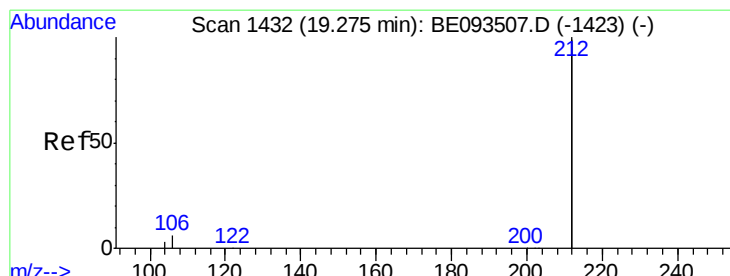
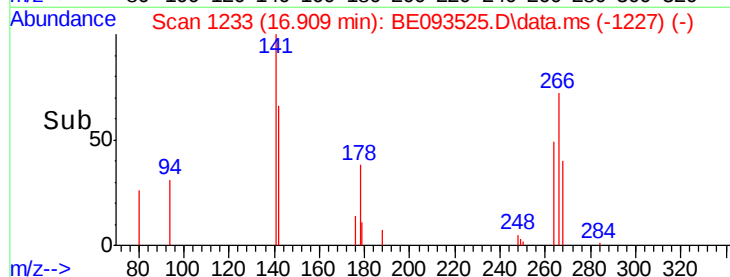
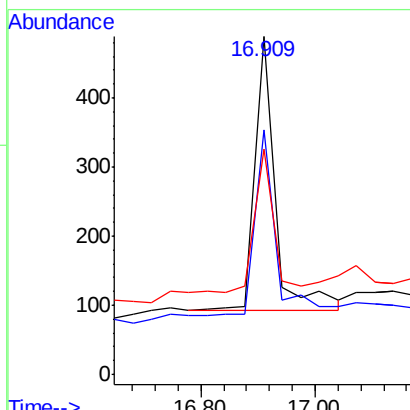
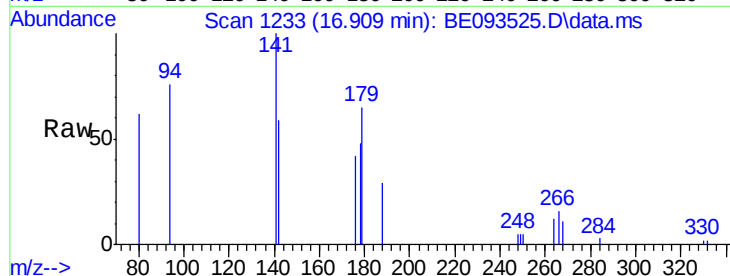
Tot Ion:266 Resp: 976

Ion Ratio Lower Upper

266 100

264 72.2 56.0 84.0

268 66.7 52.0 78.0



#25

Fluoranthene-d10

Concen: 0.42 ng

RT: 19.281 min Scan# 1433

Delta R.T. 0.007 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

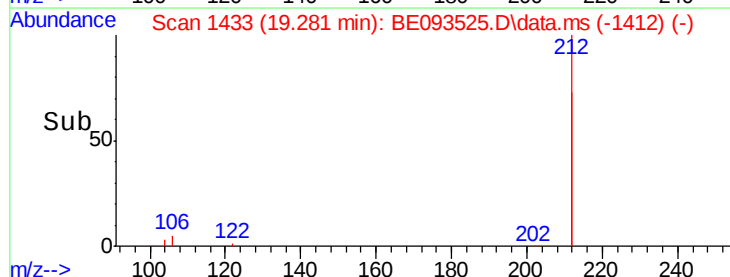
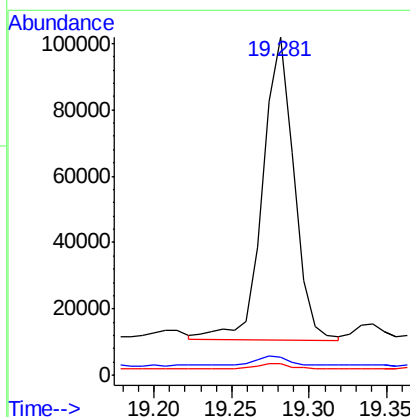
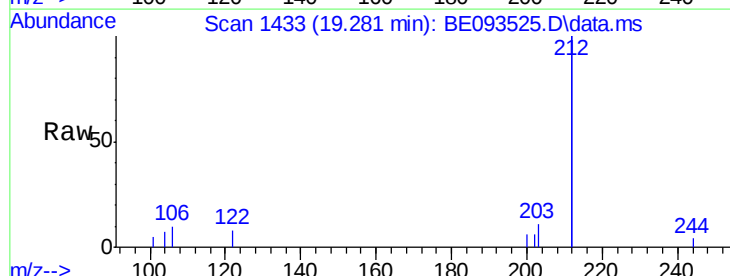
Tgt Ion:212 Resp: 127576

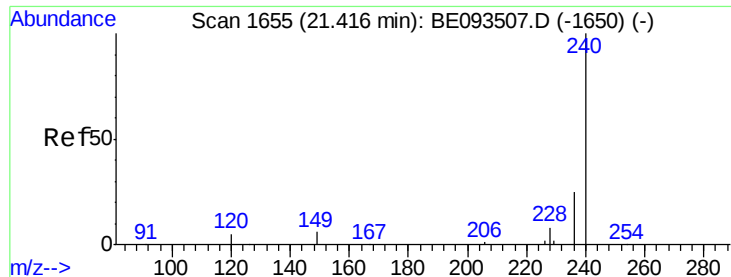
Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6#

104 1.8 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.415 min Scan# 1655

Delta R.T. -0.001 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

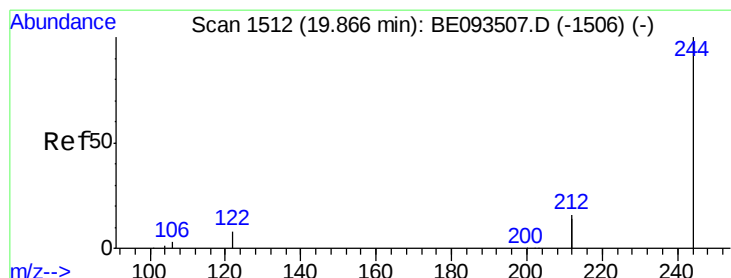
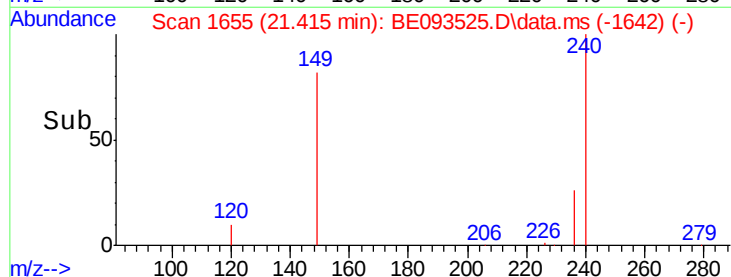
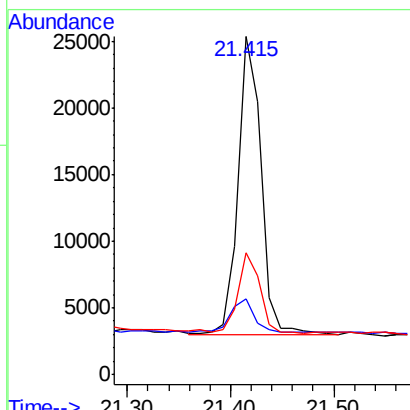
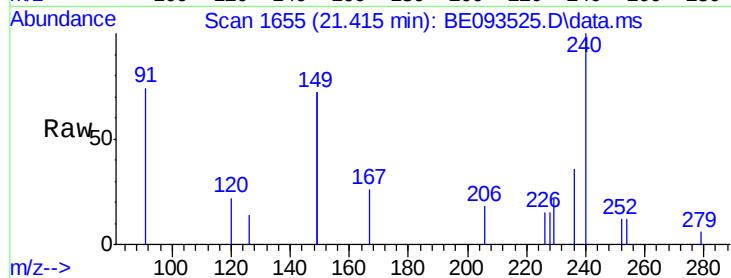
Tot Ion:240 Resp: 34244

Ion Ratio Lower Upper

240 100

120 22.5 4.6 7.0#

236 35.9 20.8 31.2#



#29

Terphenyl-d14

Concen: 0.35 ng

RT: 19.866 min Scan# 1512

Delta R.T. -0.001 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

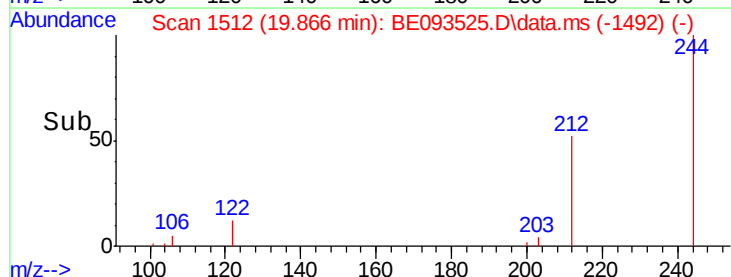
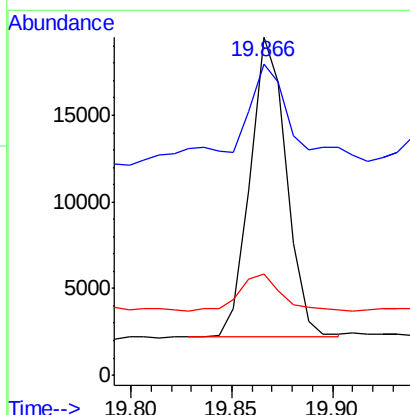
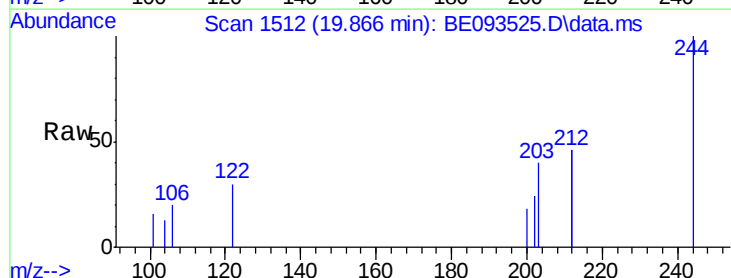
Tgt Ion:244 Resp: 21716

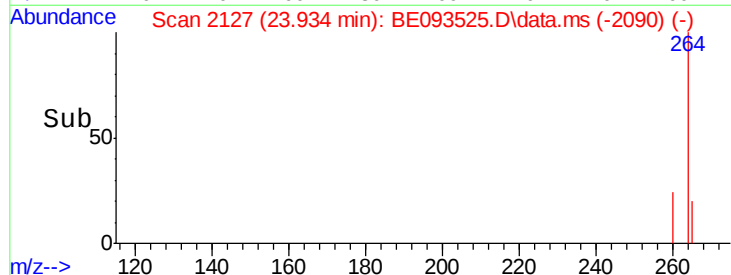
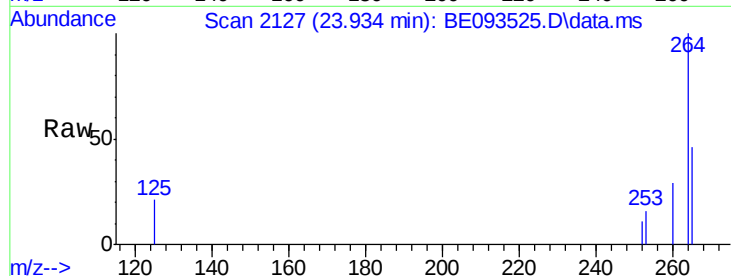
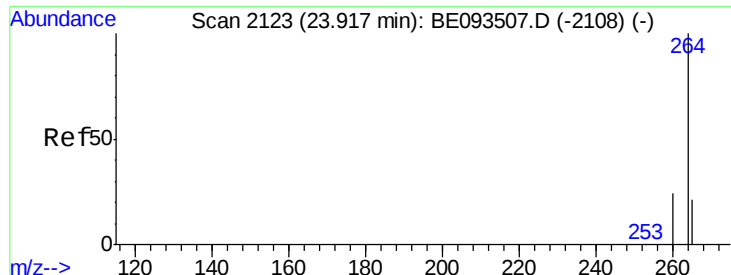
Ion Ratio Lower Upper

244 100

212 92.0 10.6 16.0#

122 30.0 15.4 23.0#





#34

Pervlene-d12

Concen: 0.40 ng

RT: 23.934 min Scan# 21

Delta R.T. 0.018 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

Tot Ion: 264 Resp: 28787

Ion Ratio Lower Upper

264 100

260 29.1 21.0 31.4

265 45.6 24.6 36.8#

