

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093516.D
 Acq On : 21 Jul 2017 19:56
 Operator : SJ/JU
 Sample : I4199-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3563-PP3

Quant Time: Jul 22 01:55:29 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

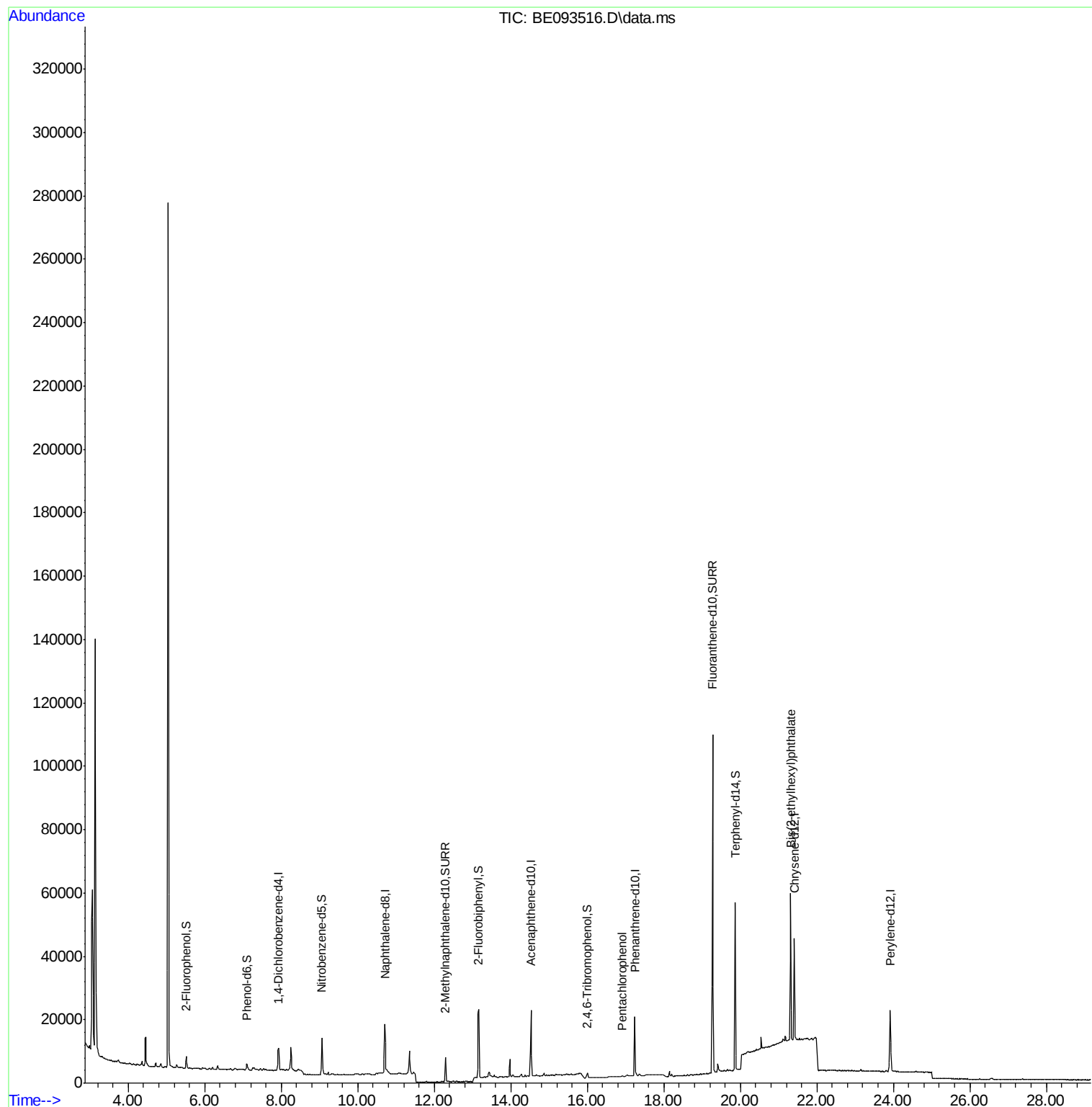
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.933	152	3659	0.40	ng	0.00
7) Naphthalene-d8	10.706	136	19113	0.40	ng	0.00
13) Acenaphthene-d10	14.526	164	11759	0.40	ng	0.00
19) Phenanthrene-d10	17.236	188	29634	0.40	ng	0.00
27) Chrysene-d12	21.416	240	34685	0.40	ng	0.00
34) Perylene-d12	23.917	264	29241	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.515	112	1976	0.16	ng	0.00
5) Phenol-d6	7.102	99	1853	0.10	ng	0.00
8) Nitrobenzene-d5	9.061	82	5714	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.292	152	10445	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.998	330	1283	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.163	172	24120	0.52	ng	0.00
25) Fluoranthene-d10	19.275	212	136464	0.29	ng	0.00
29) Terphenyl-d14	19.866	244	46474	0.74	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.910	266	395	0.23	ng	Qvalue # 91
32) Bis(2-ethylhexyl)phtha...	21.316	149	52808	0.23	ng	98

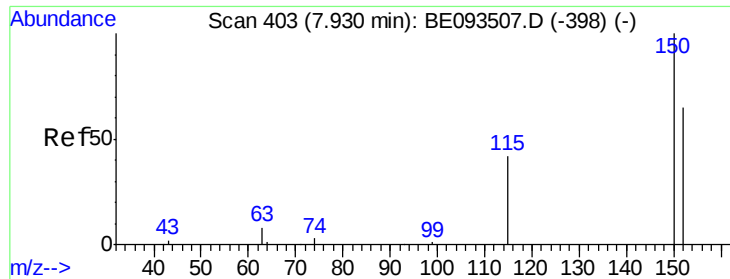
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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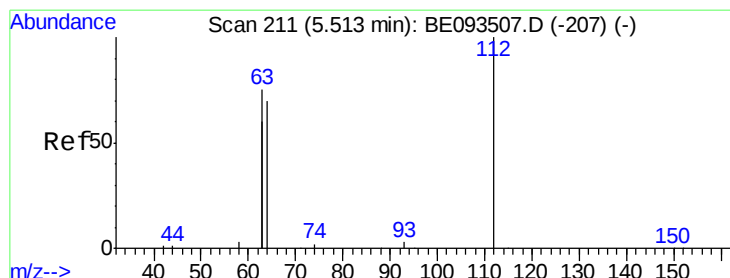
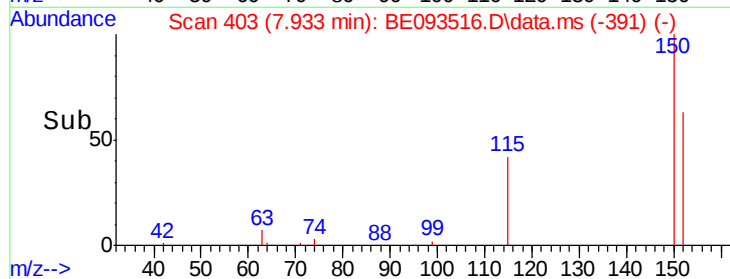
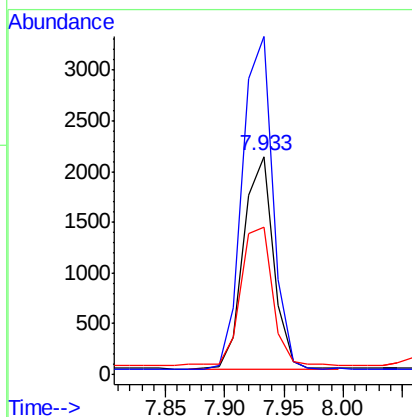
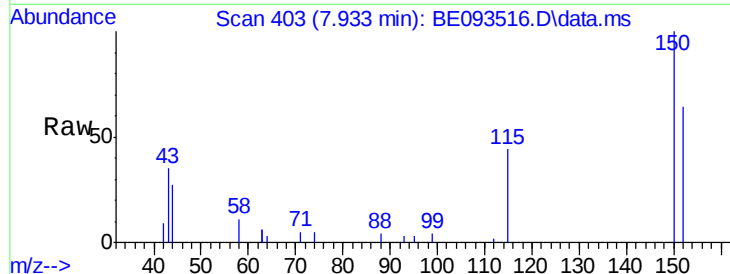




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.933 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: BE093516.D
 Acq: 21 Jul 2017 19:56

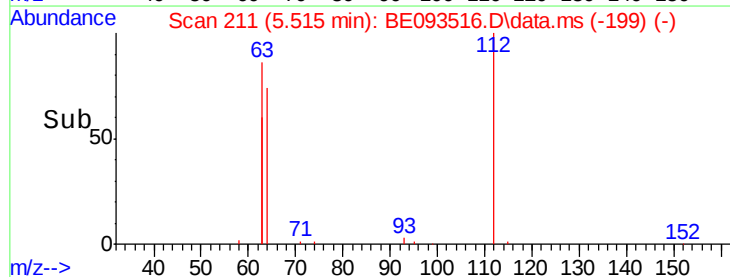
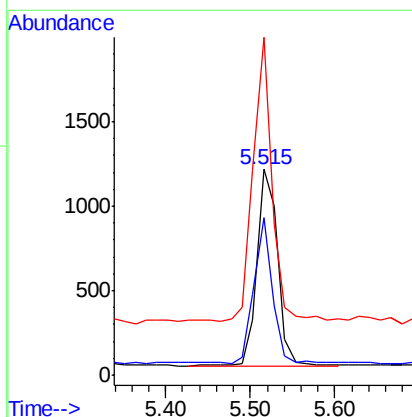
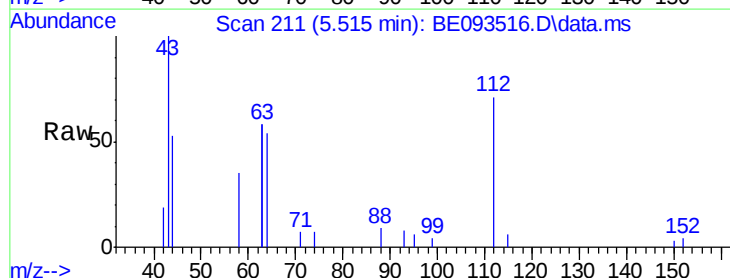
Instrument :
 BNA_E
 ClientSampleId :
 3563-PP3

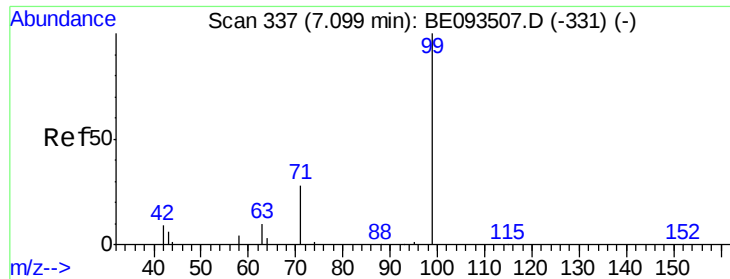
Tot Ion:152 Resp: 3659
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.1 187.7
 115 67.8 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.515 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: BE093516.D
 Acq: 21 Jul 2017 19:56

Tgt Ion:112 Resp: 1976
 Ion Ratio Lower Upper
 112 100
 64 64.9 56.4 84.6
 63 130.1 29.3 43.9#





#5

Phenol-d6

Concen: 0.10 ng

RT: 7.102 min Scan# 337

Delta R.T. 0.003 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

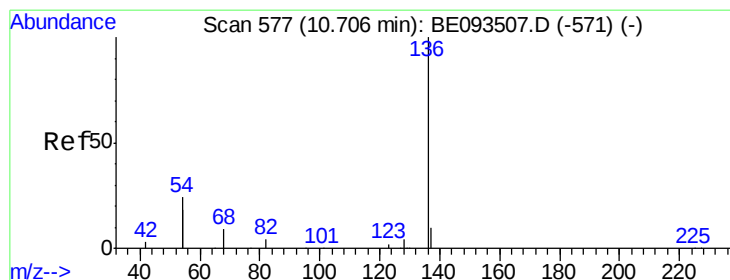
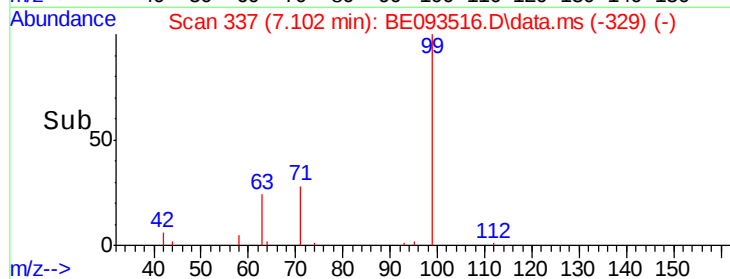
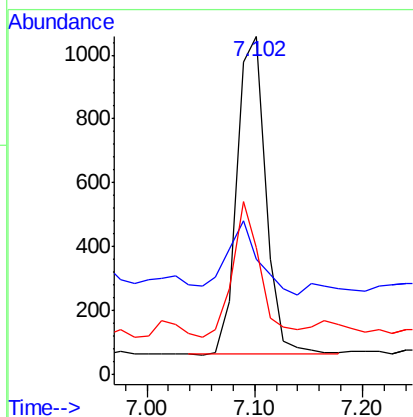
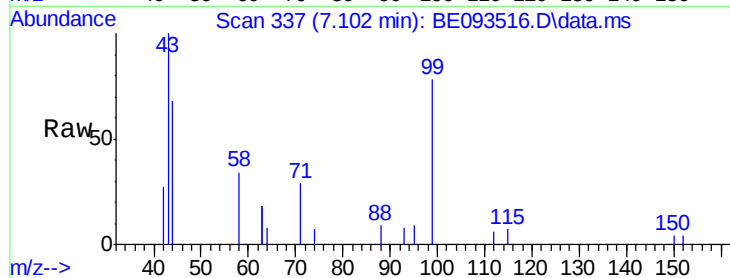
Tot Ion: 99 Resp: 1853

Ion Ratio Lower Upper

99 100

42 25.4 0.0 0.0#

71 41.2 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: BE093516.D

Acq: 21 Jul 2017 19:56

Tgt Ion: 136 Resp: 19113

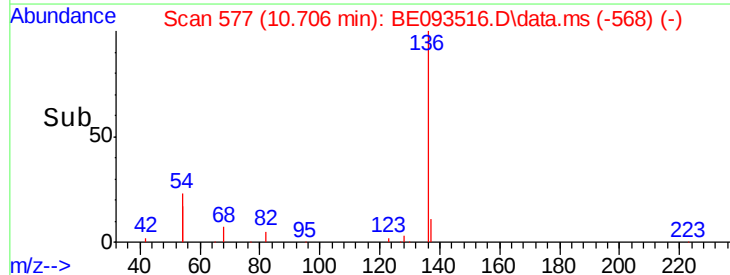
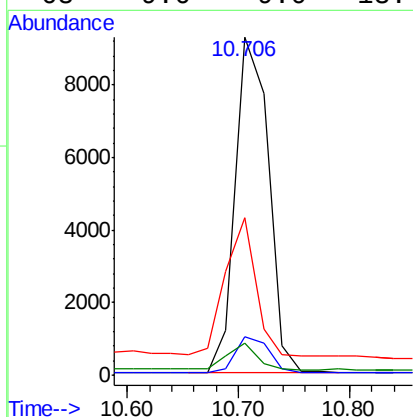
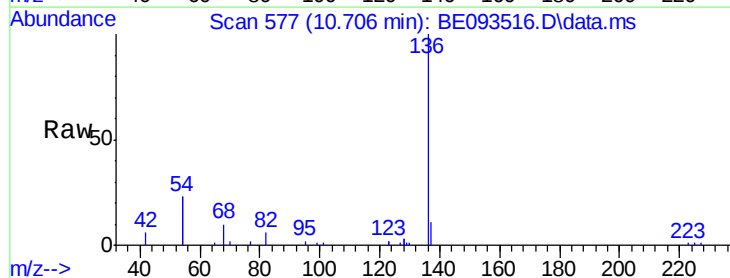
Ion Ratio Lower Upper

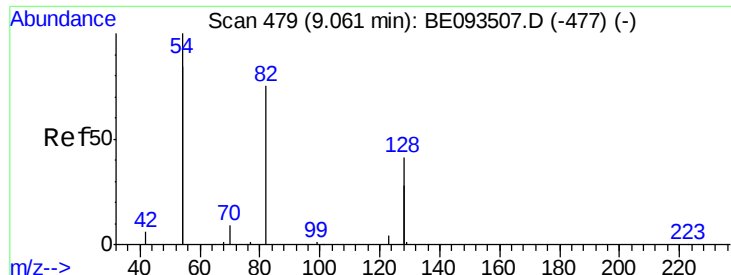
136 100

137 11.3 9.8 14.8

54 46.7 10.3 15.5#

68 9.6 9.0 13.4





#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 9.061 min Scan# 47

Delta R.T. -0.001 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

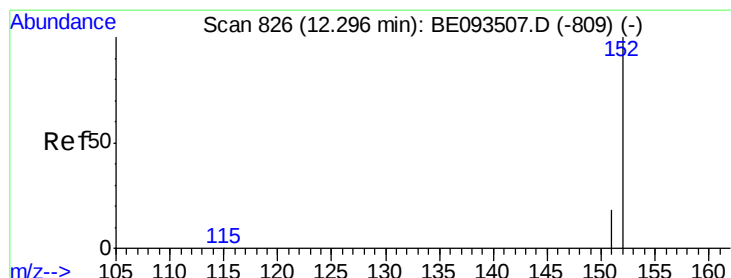
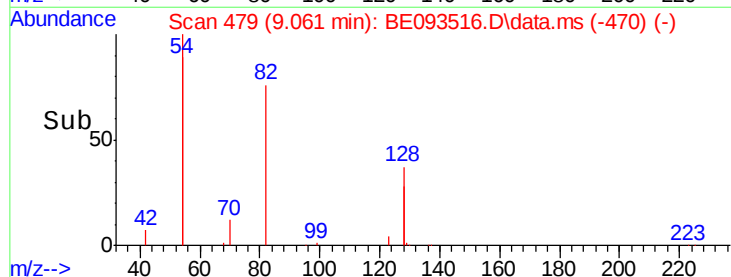
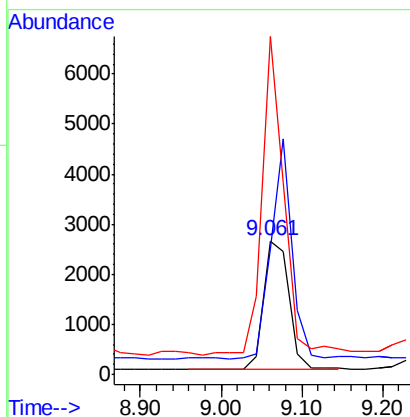
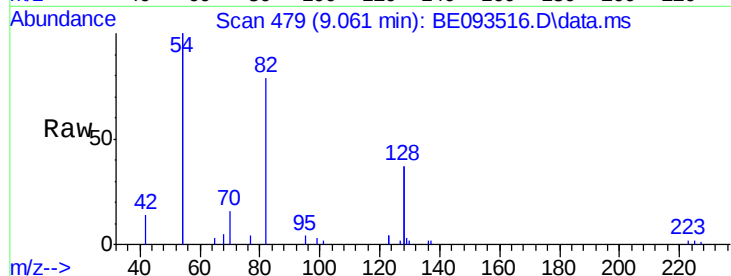
Tot Ion: 82 Resp: 5714

Ion Ratio Lower Upper

82 100

128 94.4 17.0 25.4#

54 252.9 53.8 80.6#



#11

2-Methylnaphthalene-d10

Concen: 0.34 ng

RT: 12.292 min Scan# 825

Delta R.T. -0.004 min

Lab File: BE093516.D

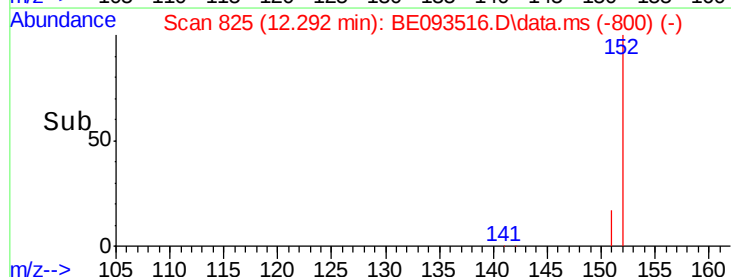
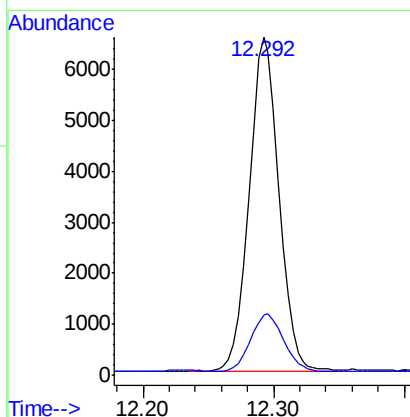
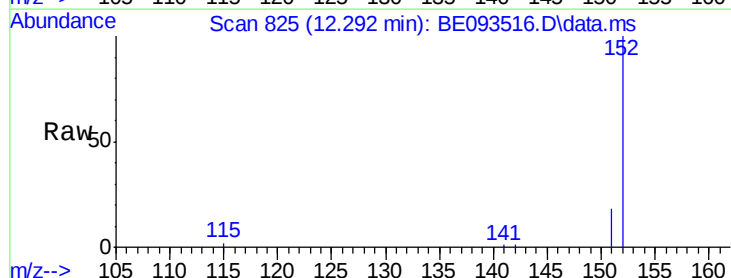
Acq: 21 Jul 2017 19:56

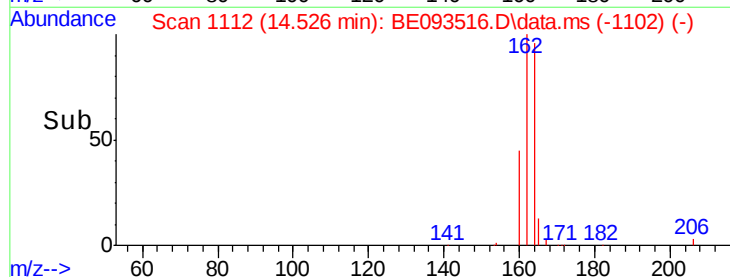
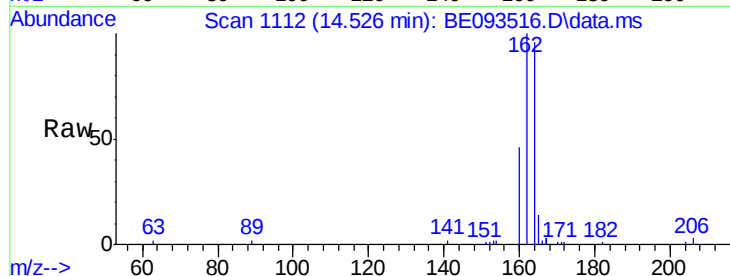
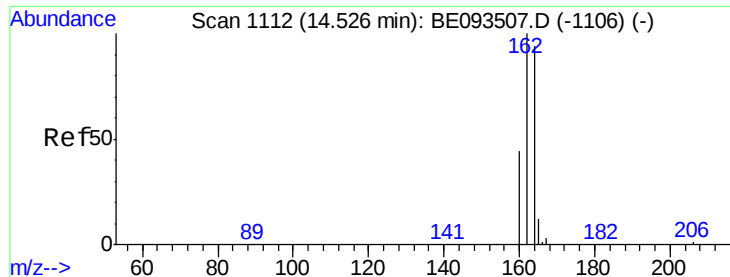
Tgt Ion: 152 Resp: 10445

Ion Ratio Lower Upper

152 100

151 19.3 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.526 min Scan# 111

Delta R.T. 0.000 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

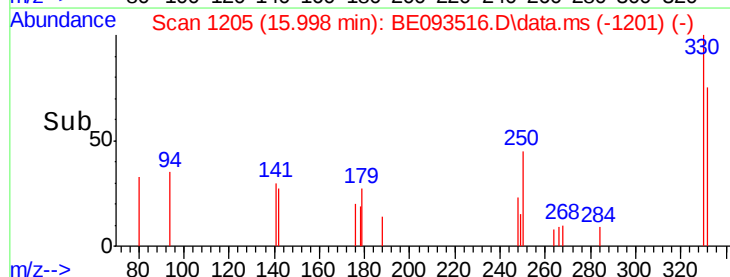
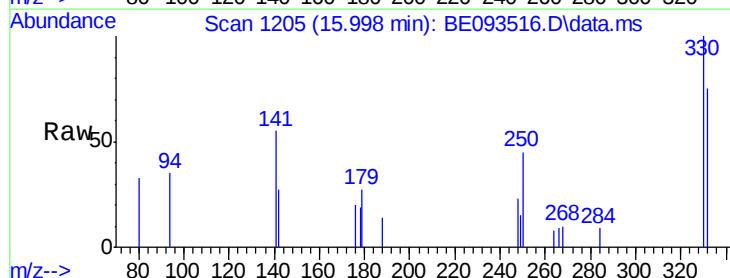
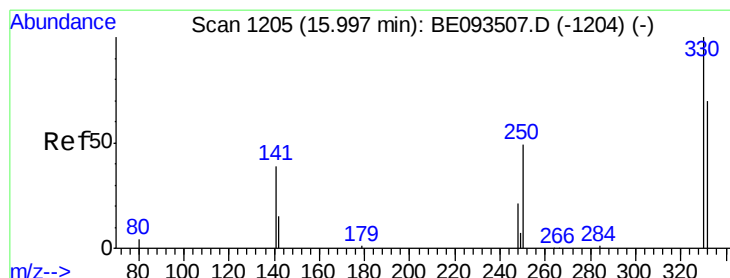
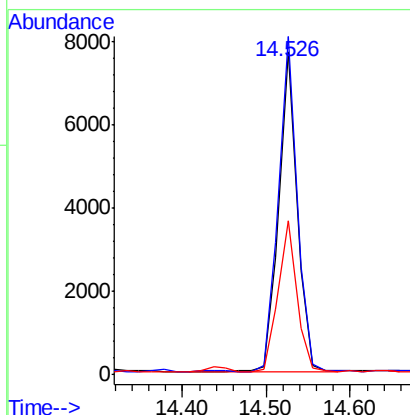
BNA_E

ClientSampleId :

3563-PP3

Tot Ion:164 Resp: 11759

Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.6	127.0
160	47.6	41.8	62.6



#14

2,4,6-Tribromophenol

Concen: 0.30 ng

RT: 15.998 min Scan# 1205

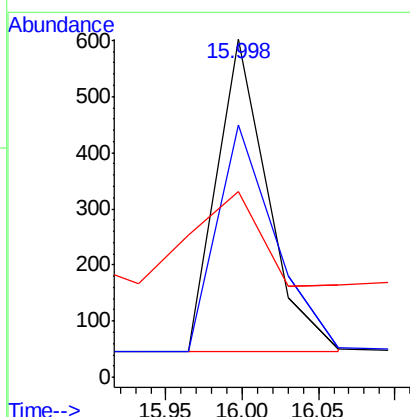
Delta R.T. 0.000 min

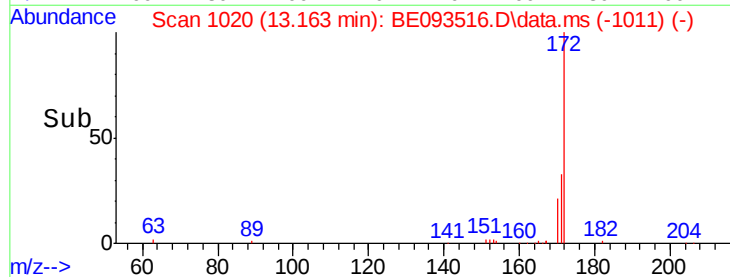
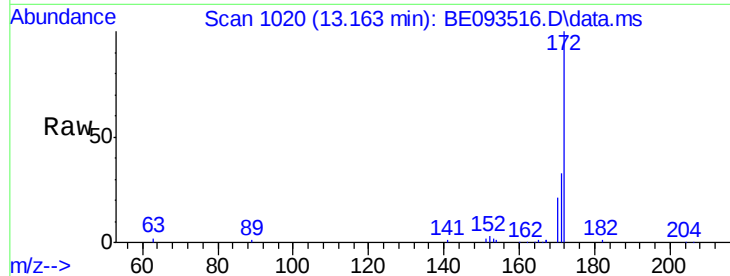
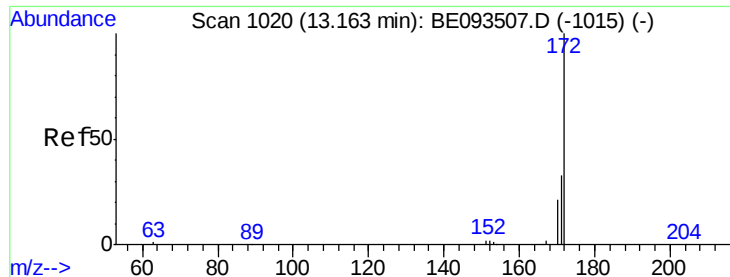
Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Tgt Ion:330 Resp: 1283

Ion	Ratio	Lower	Upper
330	100		
332	82.9	77.7	116.5
141	39.4	56.2	84.4#

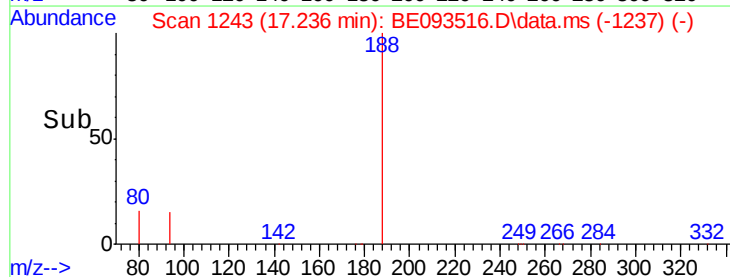
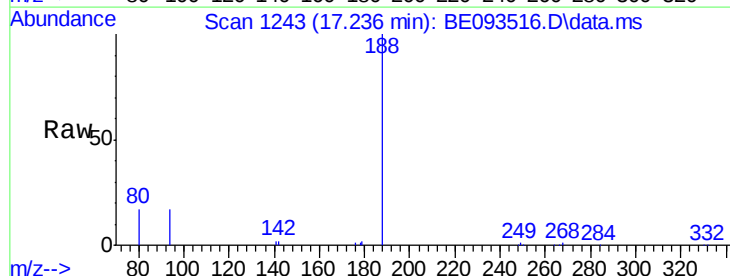
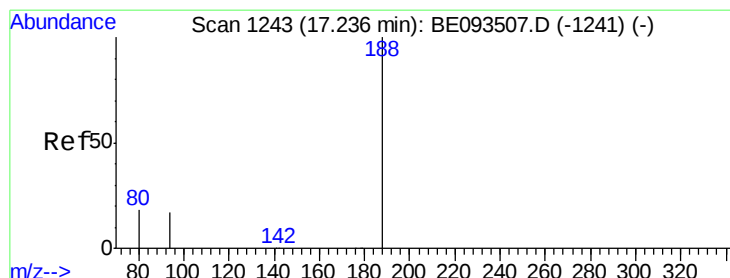
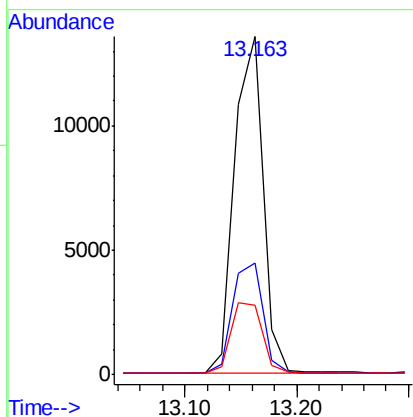




#15
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 13.163 min Scan# 101
Delta R.T. 0.000 min
Lab File: BE093516.D
Acq: 21 Jul 2017 19:56

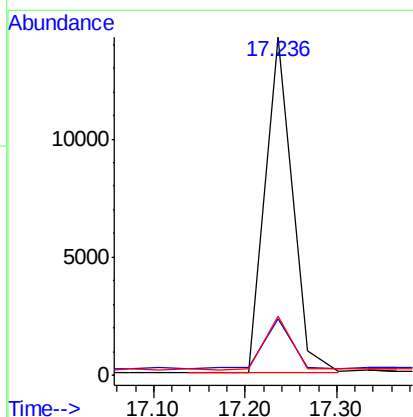
Instrument :
BNA_E
ClientSampleId :
3563-PP3

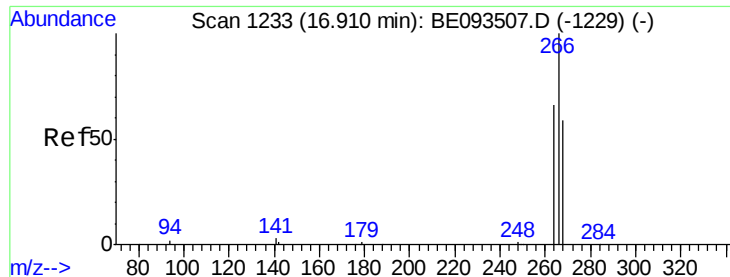
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.8	29.8	44.6
170	20.6	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.236 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BE093516.D
Acq: 21 Jul 2017 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	16.6	11.3	16.9
80	17.4	11.7	17.5





#22

Pentachlorophenol

Concen: 0.23 ng

RT: 16.910 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

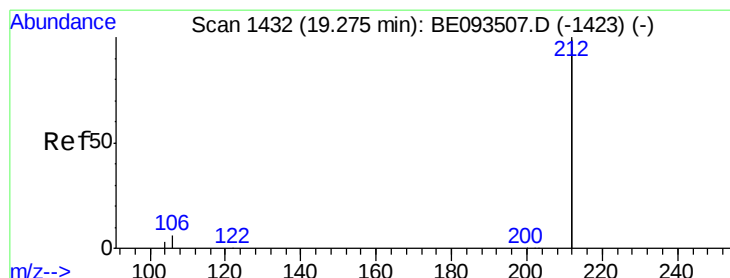
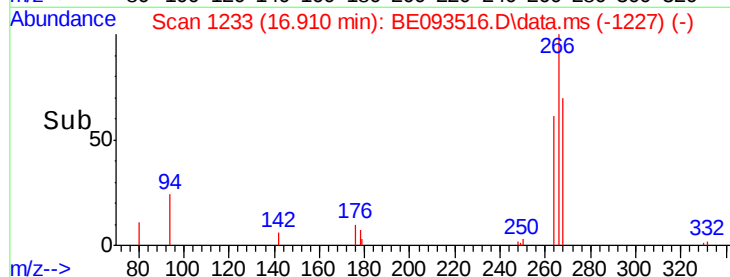
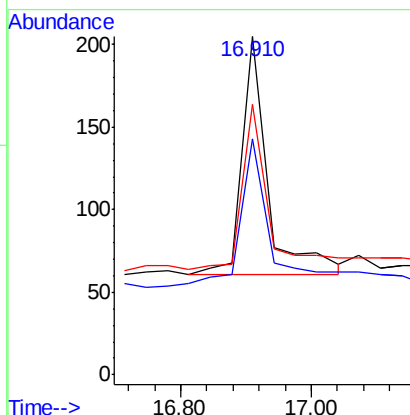
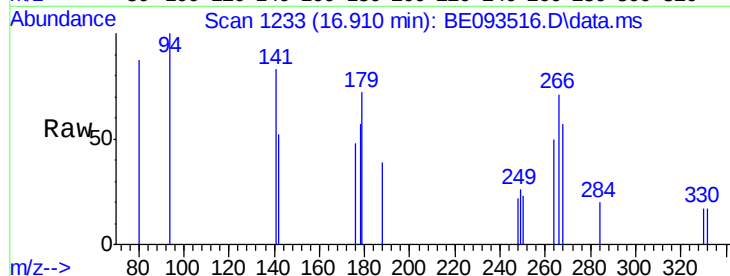
Tot Ion:266 Resp: 395

Ion Ratio Lower Upper

266 100

264 69.8 56.0 84.0

268 80.0 52.0 78.0#



#25

Fluoranthene-d10

Concen: 0.29 ng

RT: 19.275 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

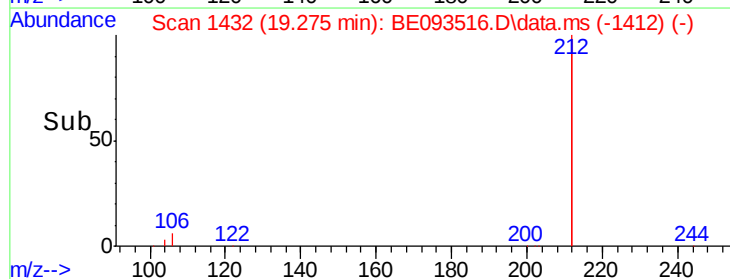
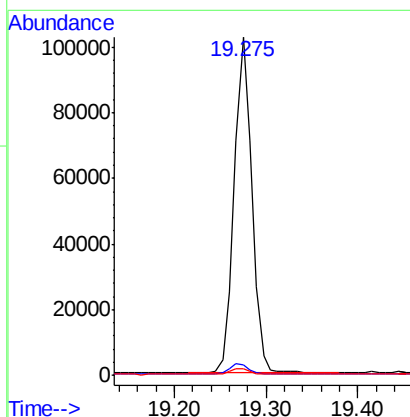
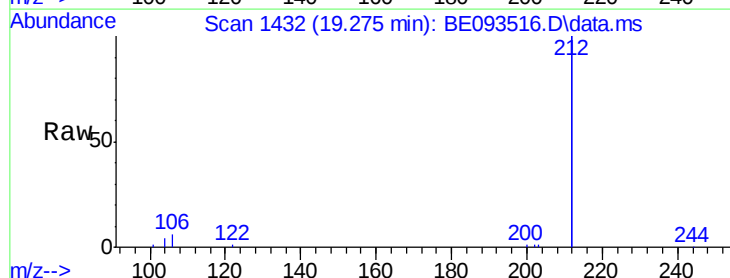
Tgt Ion:212 Resp: 136464

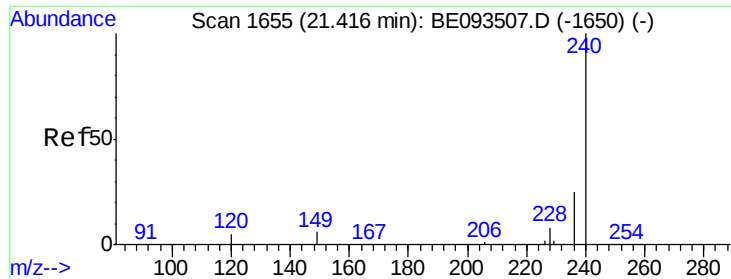
Ion Ratio Lower Upper

212 100

106 3.3 2.4 3.6

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.416 min Scan# 1655

Delta R.T. -0.000 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

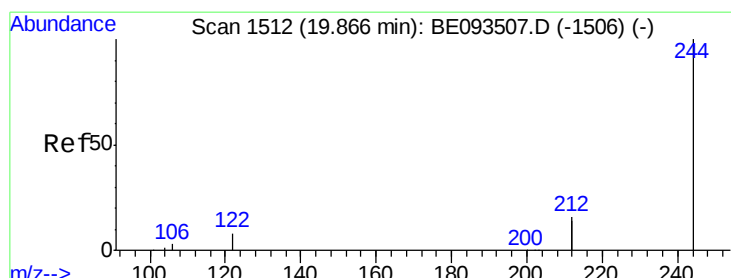
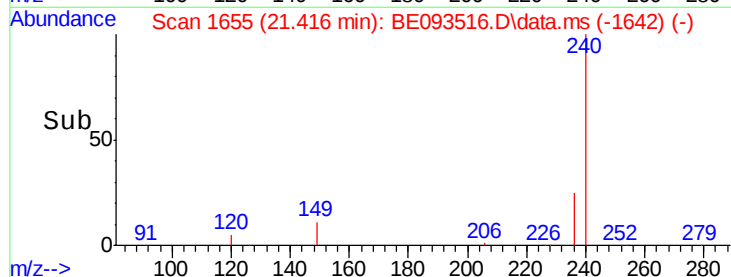
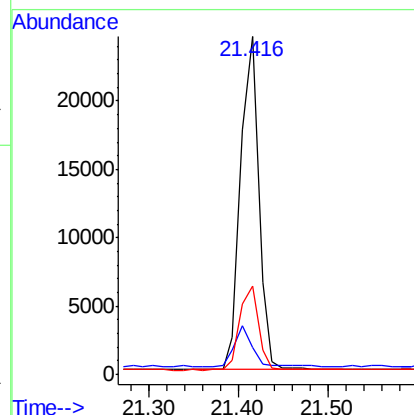
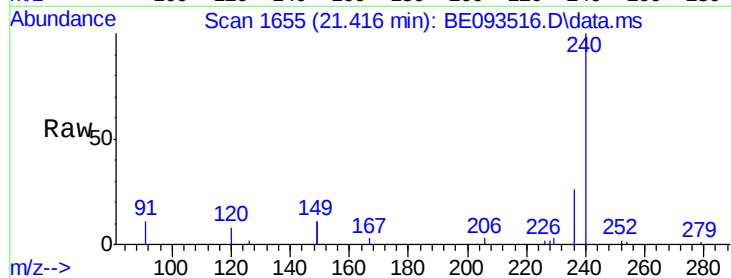
Tot Ion:240 Resp: 34685

Ion Ratio Lower Upper

240 100

120 7.8 4.6 7.0#

236 26.2 20.8 31.2



#29

Terphenyl-d14

Concen: 0.74 ng

RT: 19.866 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

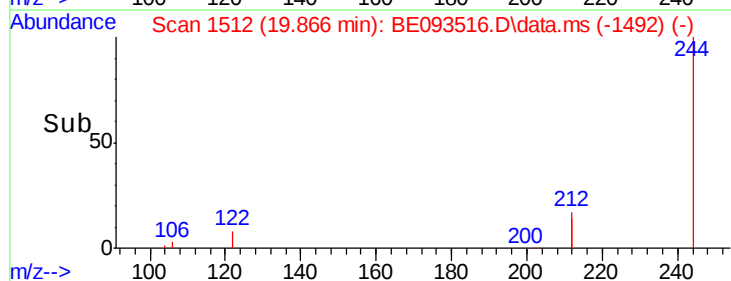
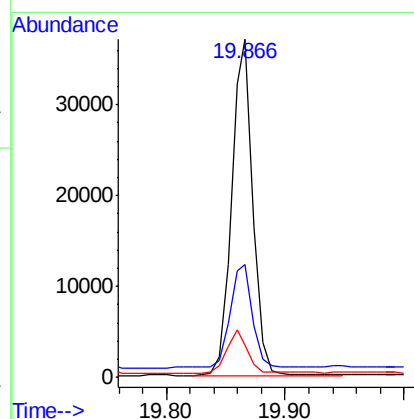
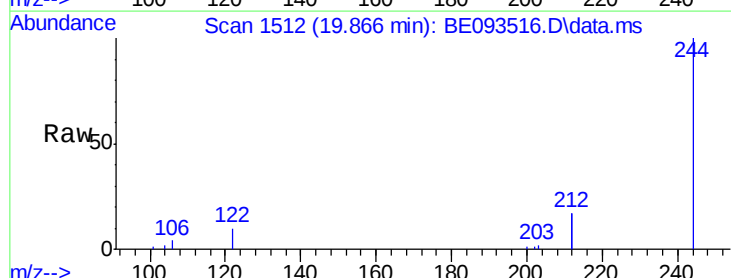
Tgt Ion:244 Resp: 46474

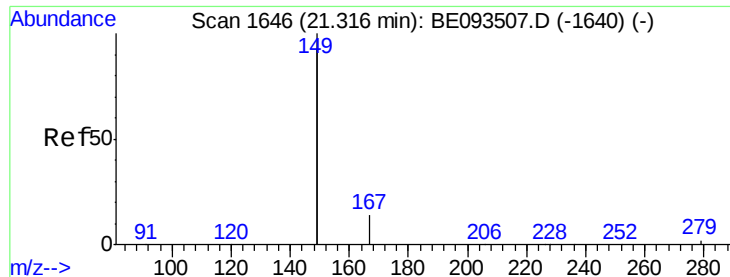
Ion Ratio Lower Upper

244 100

212 33.3 10.6 16.0#

122 9.6 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 21.316 min Scan# 1646

Delta R.T. 0.001 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Instrument :

BNA_E

ClientSampleId :

3563-PP3

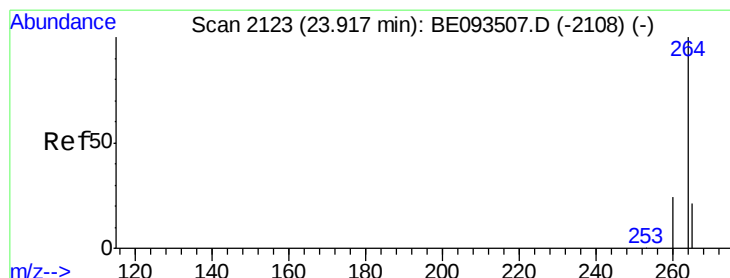
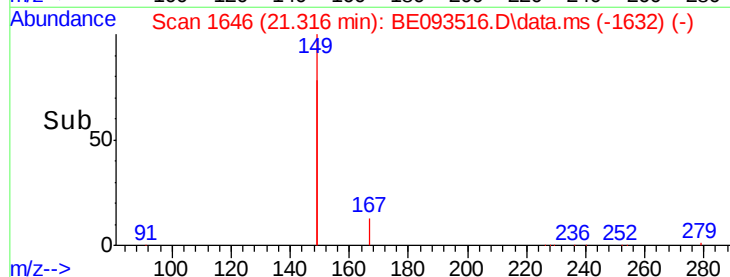
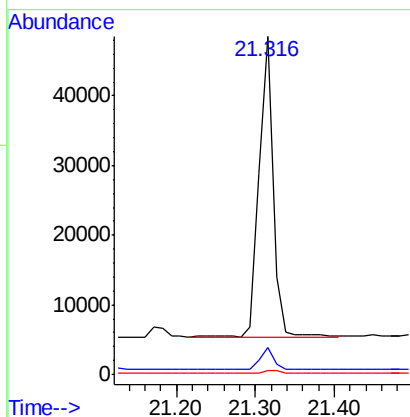
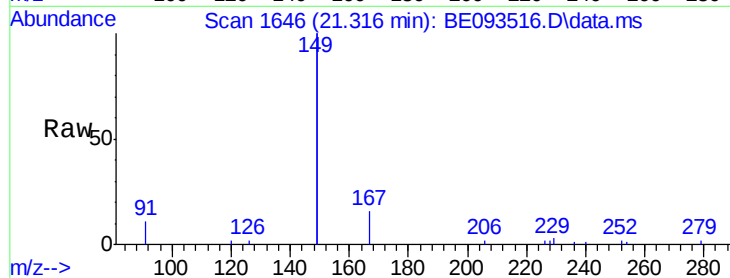
Tot Ion:149 Resp: 52808

Ion Ratio Lower Upper

149 100

167 6.6 4.8 7.2

279 1.1 0.8 1.2



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.917 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BE093516.D

Acq: 21 Jul 2017 19:56

Tgt Ion:264 Resp: 29241

Ion Ratio Lower Upper

264 100

260 26.0 21.0 31.4

265 33.0 24.6 36.8

