

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093526.D
 Acq On : 22 Jul 2017 2:06
 Operator : SJ/JU
 Sample : I4199-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3575-DB

Quant Time: Jul 22 03:46:36 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

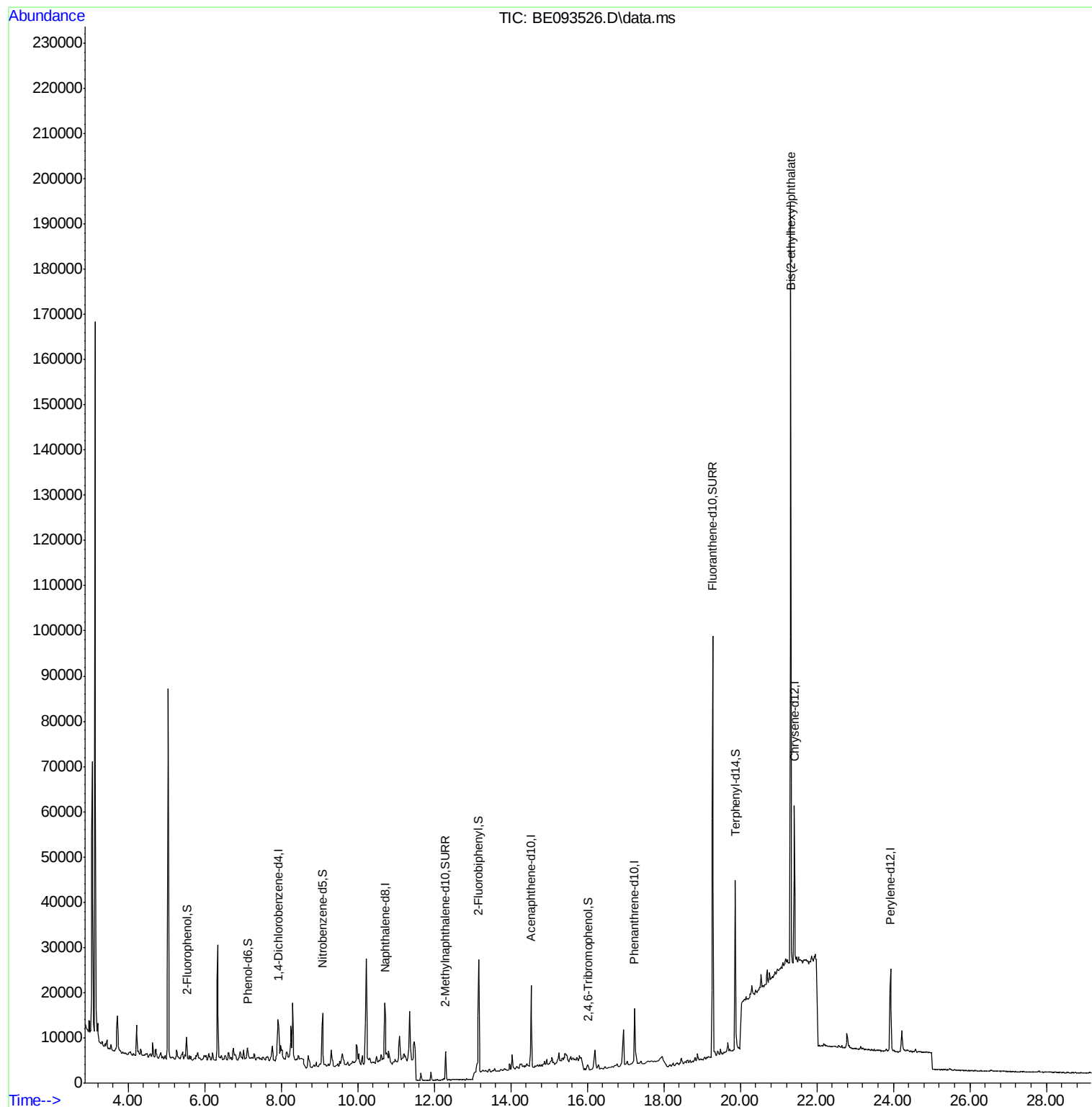
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.933	152	3240	0.40	ng	0.00
7) Naphthalene-d8	10.723	136	16607	0.40	ng	0.02
13) Acenaphthene-d10	14.525	164	10854	0.40	ng	0.00
19) Phenanthrene-d10	17.235	188	20207	0.40	ng	0.00
27) Chrysene-d12	21.415	240	33611	0.40	ng	0.00
34) Perylene-d12	23.925	264	26978	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.529	112	2717	0.24	ng	0.02
5) Phenol-d6	7.115	99	2837	0.18	ng	0.02
8) Nitrobenzene-d5	9.078	82	5233	0.40	ng	0.02
11) 2-Methylnaphthalene-d10	12.295	152	8607	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.029	330	1275	0.32	ng	0.03
15) 2-Fluorobiphenyl	13.161	172	22165	0.52	ng	0.00
25) Fluoranthene-d10	19.275	212	126208	0.39	ng	0.00
29) Terphenyl-d14	19.867	244	31569	0.52	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phtha...	21.315	149	178315	0.82	ng	98

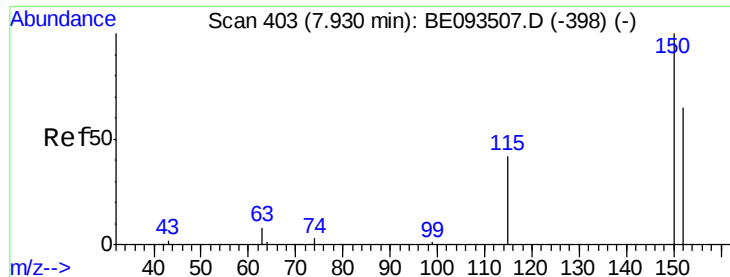
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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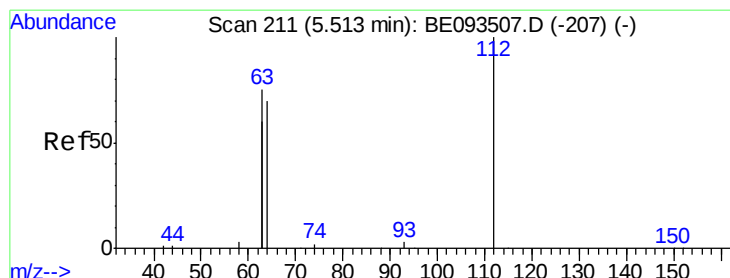
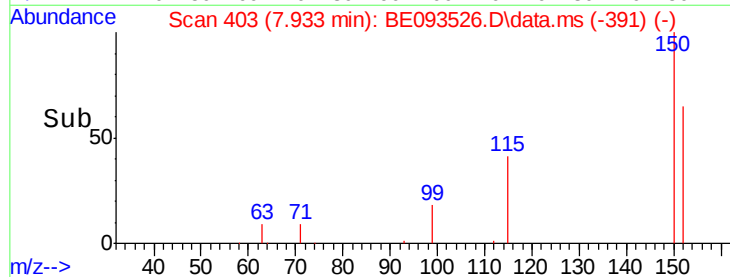
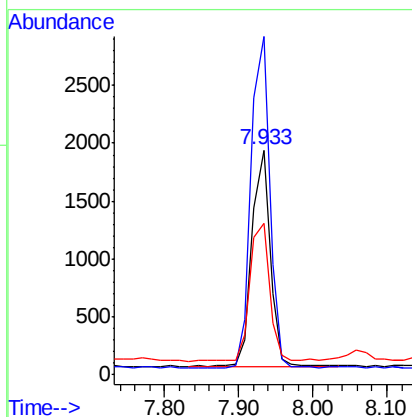
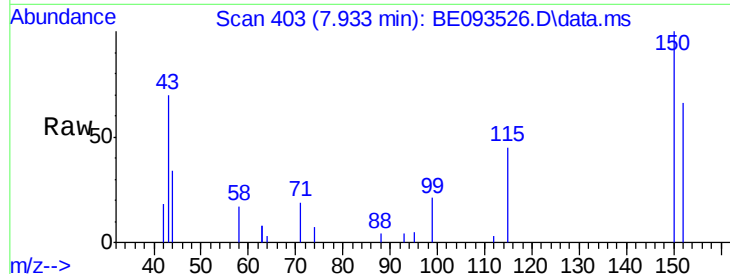




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.933 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: BE093526.D
 Acq: 22 Jul 2017 2:06

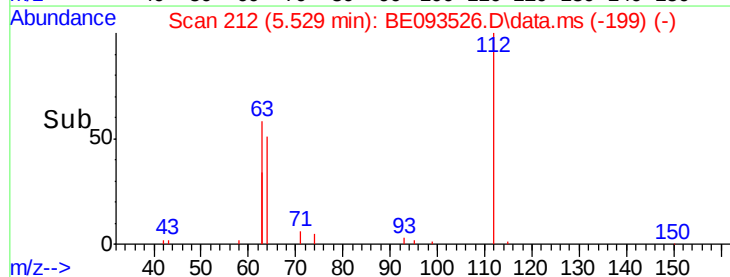
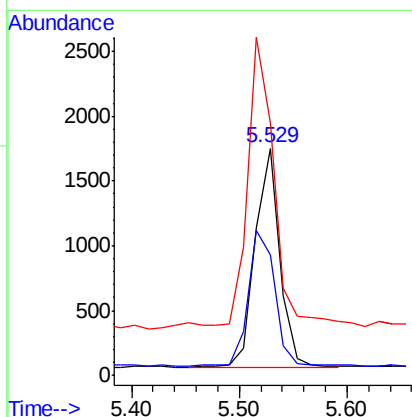
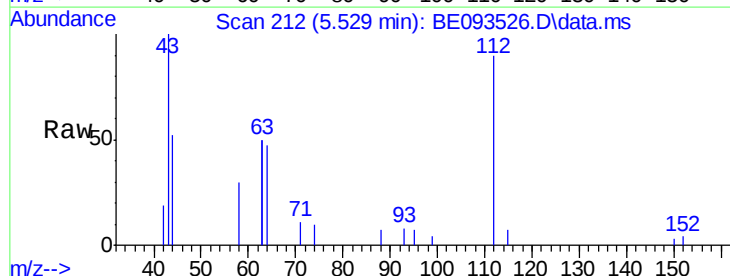
Instrument :
 BNA_E
 ClientSampleId :
 3575-DB

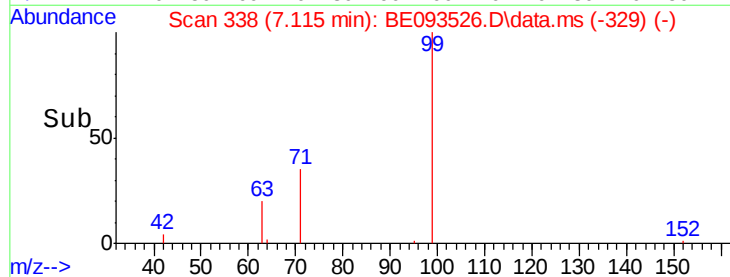
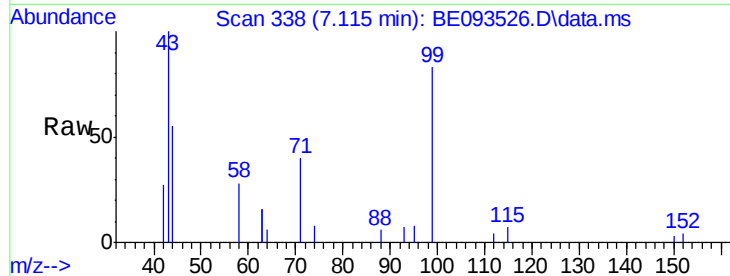
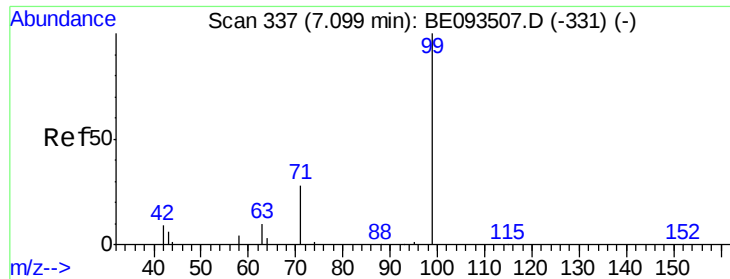
Tot Ion:152 Resp: 3240
 Ion Ratio Lower Upper
 152 100
 150 150.6 125.1 187.7
 115 67.6 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.24 ng
 RT: 5.529 min Scan# 212
 Delta R.T. 0.016 min
 Lab File: BE093526.D
 Acq: 22 Jul 2017 2:06

Tgt Ion:112 Resp: 2717
 Ion Ratio Lower Upper
 112 100
 64 66.9 56.4 84.6
 63 142.0 29.3 43.9#





#5

Phenol-d6

Concen: 0.18 ng

RT: 7.115 min Scan# 33

Delta R.T. 0.016 min

Lab File: BE093526.D

Acq: 22 Jul 2017 2:06

Instrument :

BNA_E

ClientSampleId :

3575-DB

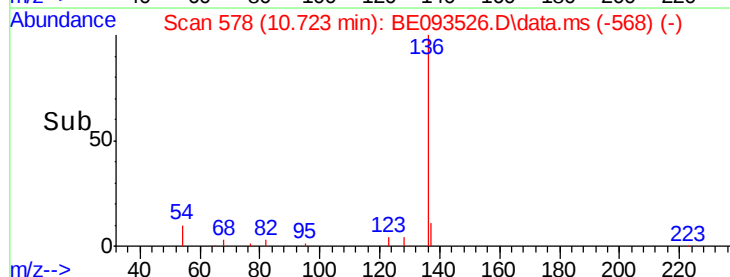
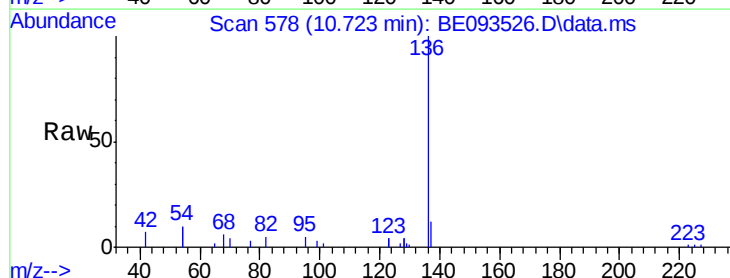
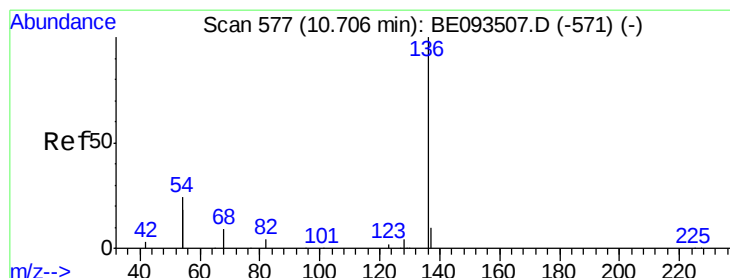
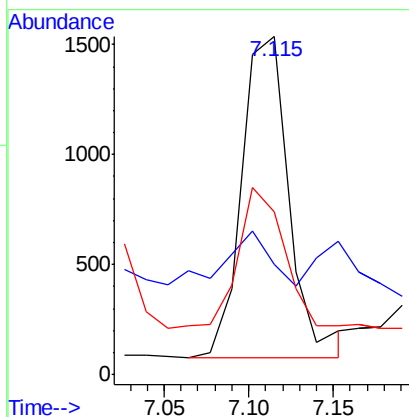
Tot Ion: 99 Resp: 2837

Ion Ratio Lower Upper

99 100

42 16.4 0.0 0.0#

71 43.0 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.723 min Scan# 578

Delta R.T. 0.017 min

Lab File: BE093526.D

Acq: 22 Jul 2017 2:06

Tgt Ion: 136 Resp: 16607

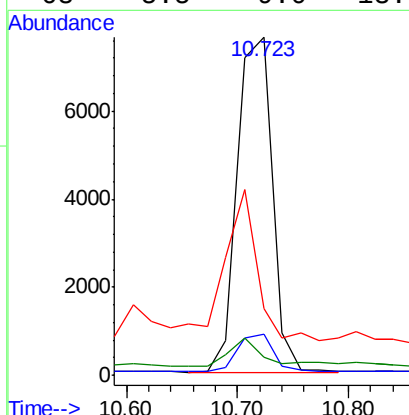
Ion Ratio Lower Upper

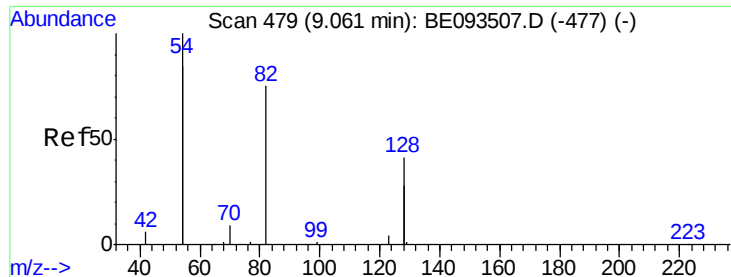
136 100

137 12.0 9.8 14.8

54 19.6 10.3 15.5#

68 5.5 9.0 13.4#

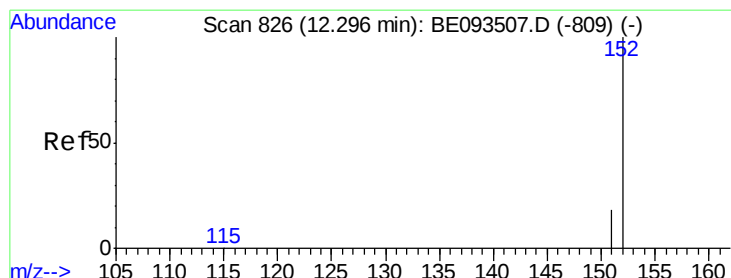
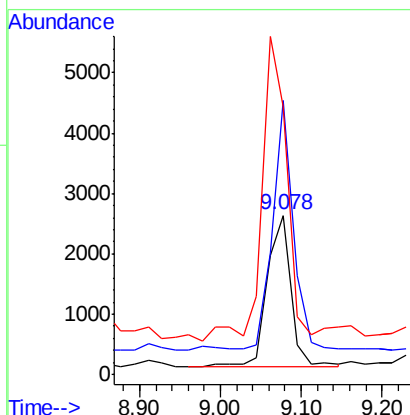
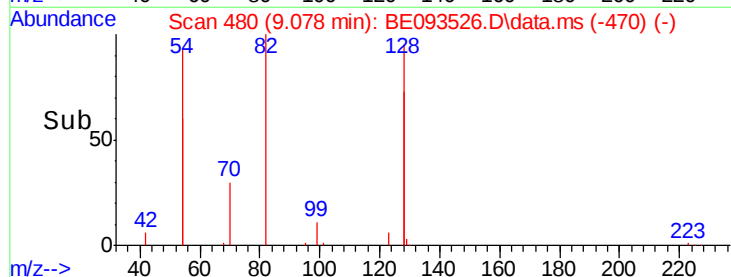
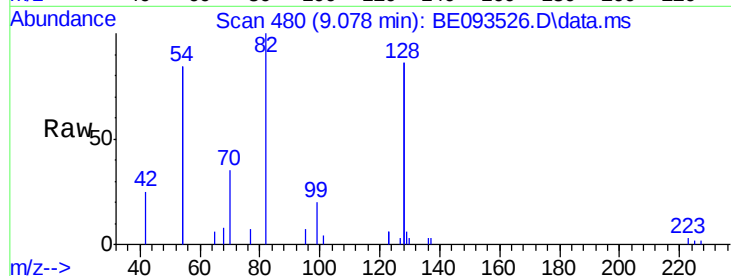




#8
 Nitrobenzene-d5
 Concen: 0.40 ng
 RT: 9.078 min Scan# 48
 Delta R.T. 0.017 min
 Lab File: BE093526.D
 Acq: 22 Jul 2017 2:06

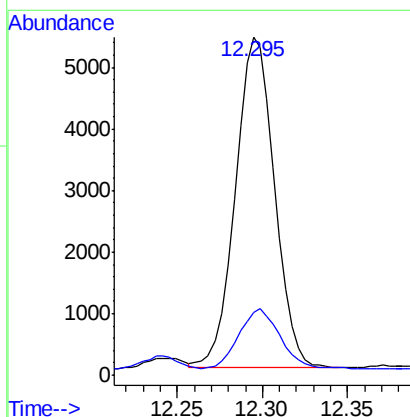
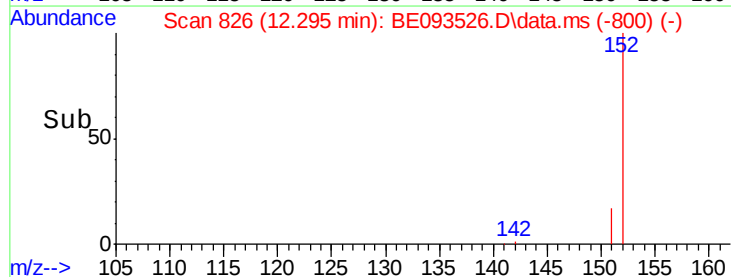
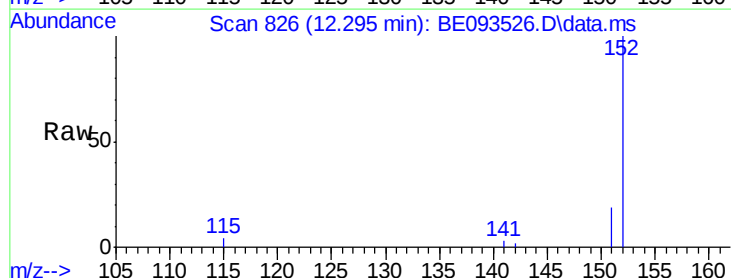
Instrument :
 BNA_E
 ClientSampleId :
 3575-DB

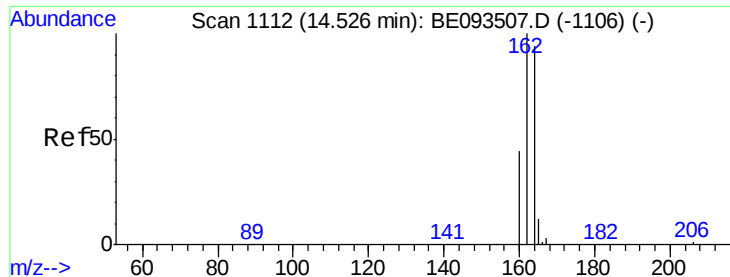
Tot Ion: 82 Resp: 5233
 Ion Ratio Lower Upper
 82 100
 128 171.7 17.0 25.4#
 54 167.9 53.8 80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.32 ng
 RT: 12.295 min Scan# 826
 Delta R.T. -0.001 min
 Lab File: BE093526.D
 Acq: 22 Jul 2017 2:06

Tgt Ion: 152 Resp: 8607
 Ion Ratio Lower Upper
 152 100
 151 19.3 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: BE093526.D

Acq: 22 Jul 2017 2:06

Instrument :

BNA_E

ClientSampled :

3575-DB

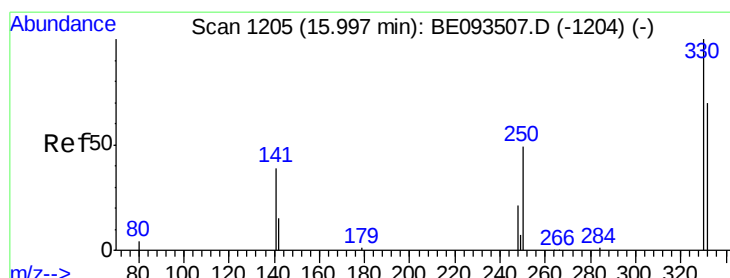
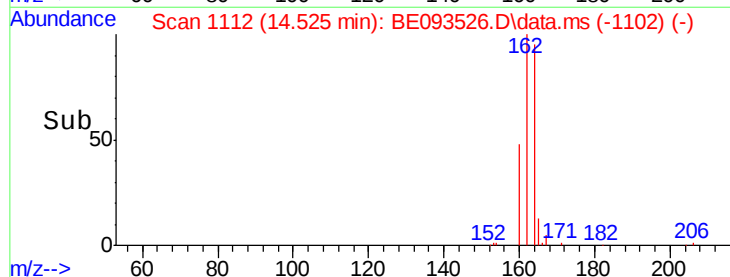
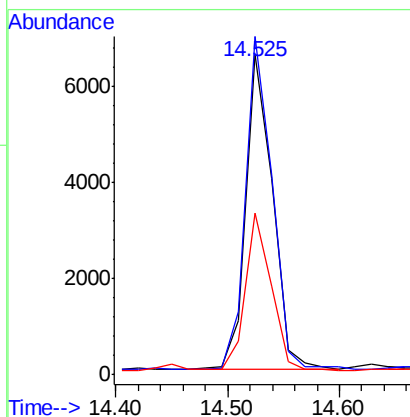
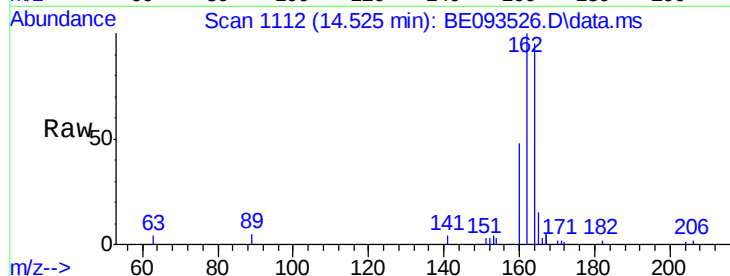
Tot Ion:164 Resp: 10854

Ion Ratio Lower Upper

164 100

162 105.5 84.6 127.0

160 50.3 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.32 ng

RT: 16.029 min Scan# 1206

Delta R.T. 0.032 min

Lab File: BE093526.D

Acq: 22 Jul 2017 2:06

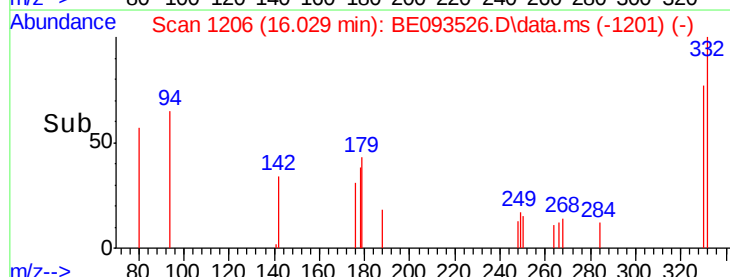
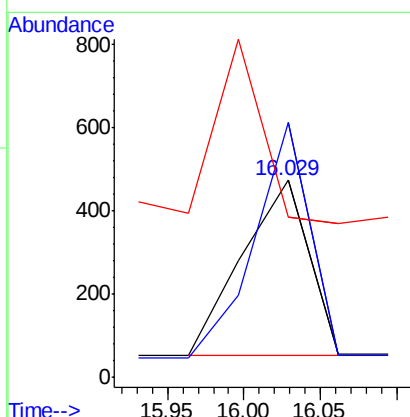
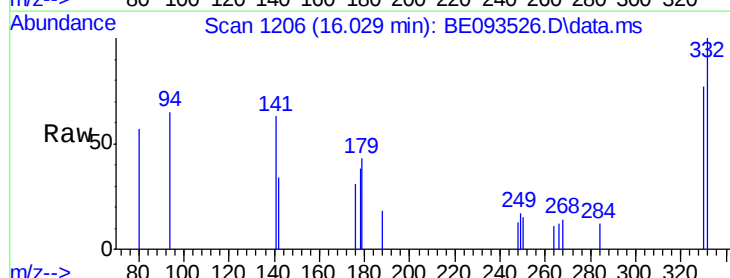
Tgt Ion:330 Resp: 1275

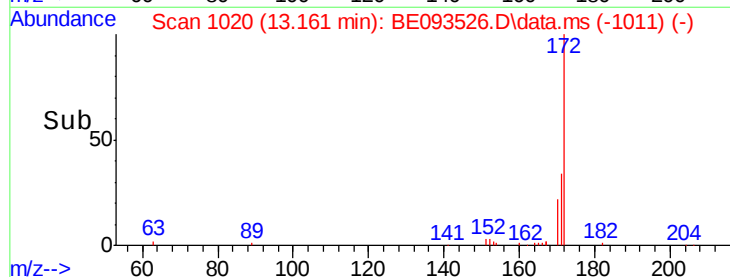
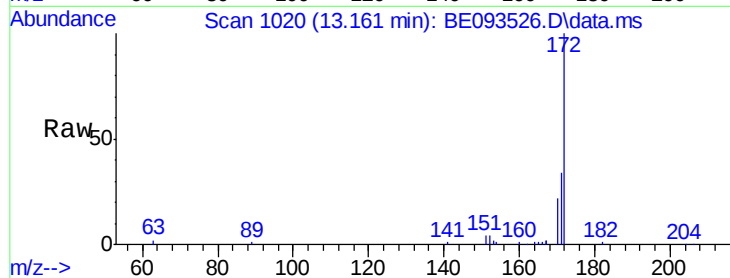
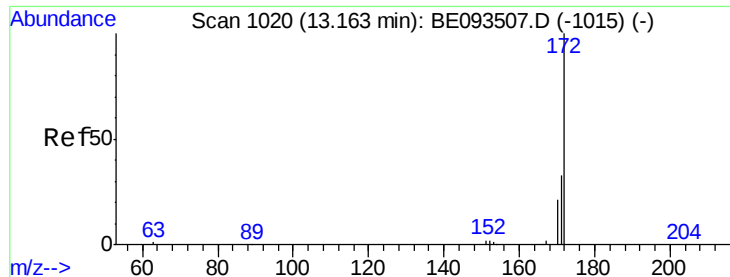
Ion Ratio Lower Upper

330 100

332 110.1 77.7 116.5

141 0.0 56.2 84.4#

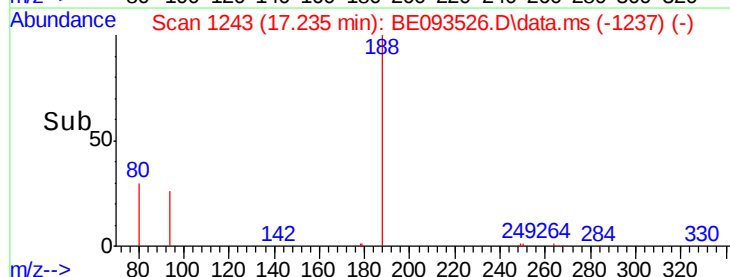
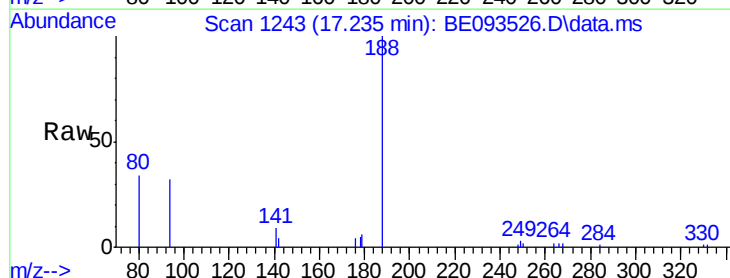
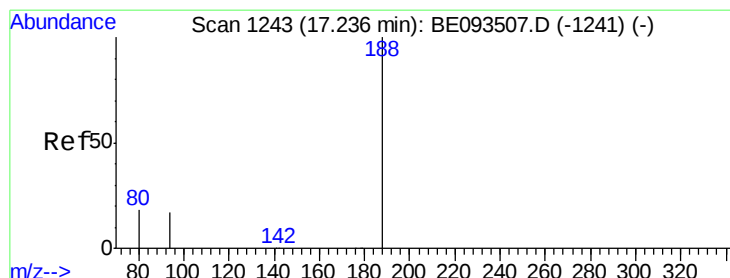
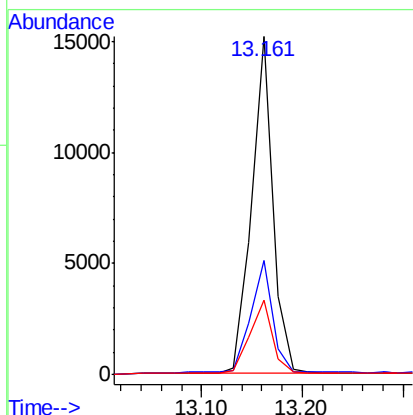




#15
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 13.161 min Scan# 101
Delta R.T. -0.001 min
Lab File: BE093526.D
Acq: 22 Jul 2017 2:06

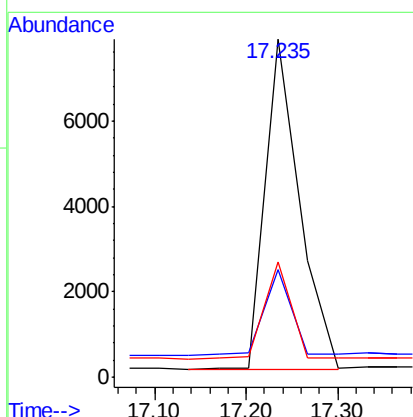
Instrument :
BNA_E
ClientSampleId :
3575-DB

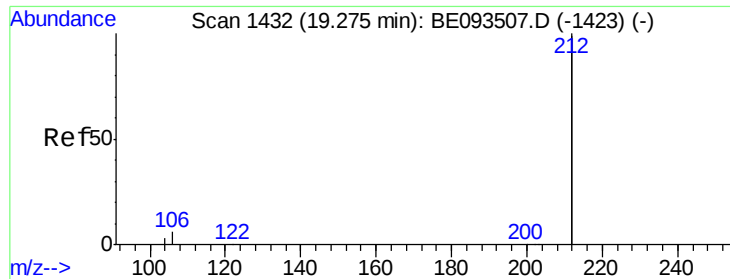
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.8	44.6
170	22.1	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.235 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE093526.D
Acq: 22 Jul 2017 2:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	31.7	11.3	16.9#
80	34.3	11.7	17.5#

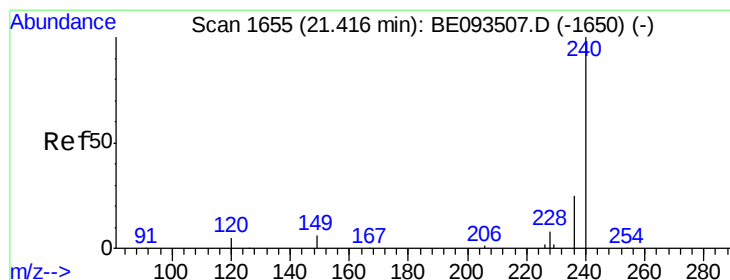
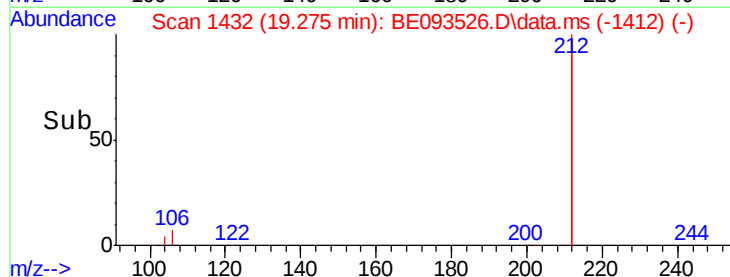
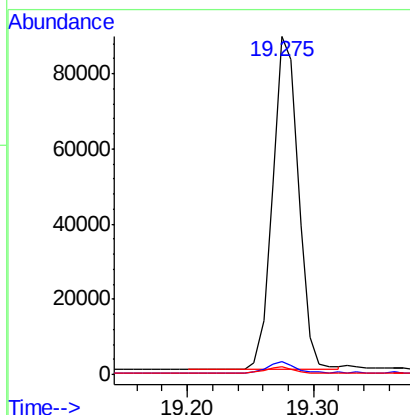
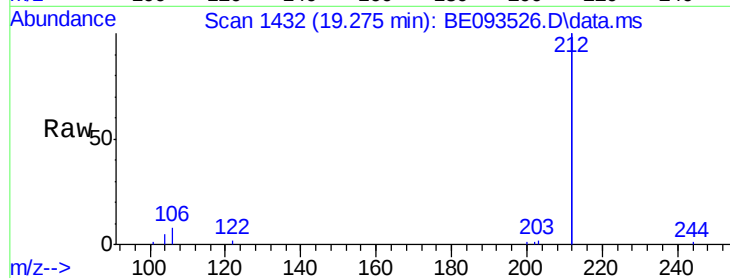




#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.275 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BE093526.D
Acq: 22 Jul 2017 2:06

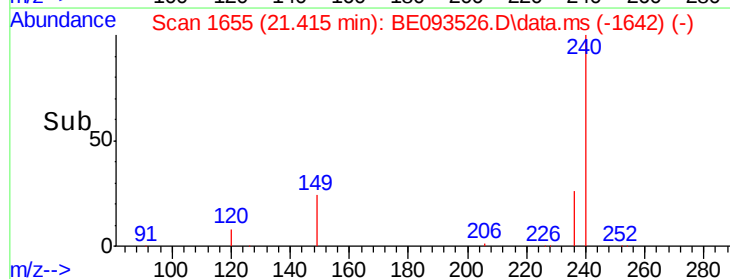
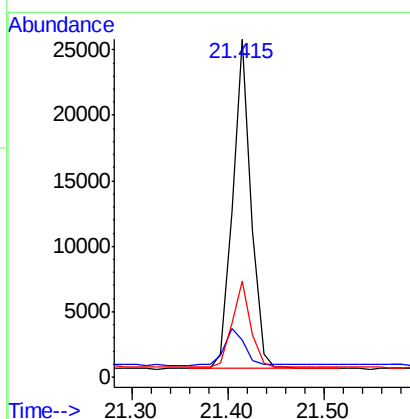
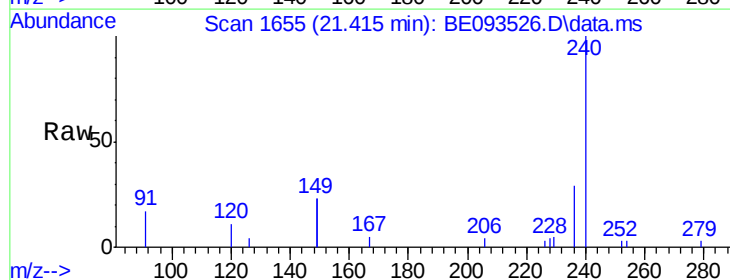
Instrument :
BNA_E
ClientSampleId :
3575-DB

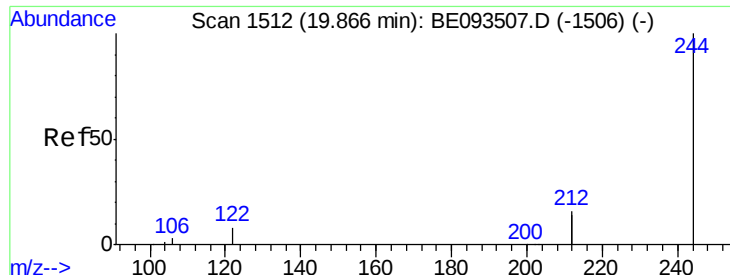
Tot Ion:212 Resp: 126208
Ion Ratio Lower Upper
212 100
106 3.3 2.4 3.6
104 1.9 1.6 2.4



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1655
Delta R.T. -0.001 min
Lab File: BE093526.D
Acq: 22 Jul 2017 2:06

Tgt Ion:240 Resp: 33611
Ion Ratio Lower Upper
240 100
120 11.0 4.6 7.0#
236 28.6 20.8 31.2





#29

Terphenyl-d14

Concen: 0.52 ng

RT: 19.867 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BE093526.D

Acq: 22 Jul 2017 2:06

Instrument :

BNA_E

ClientSampleId :

3575-DB

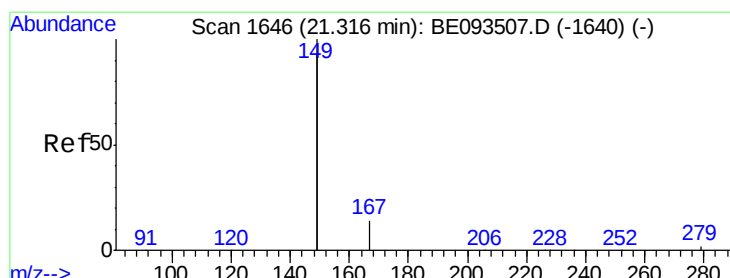
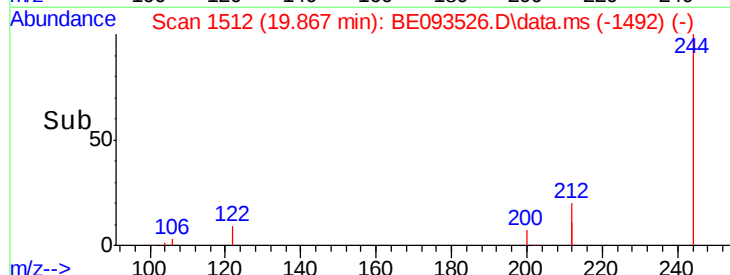
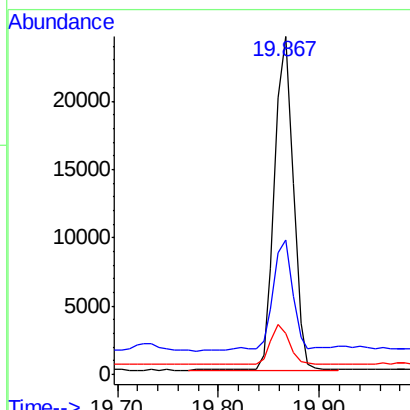
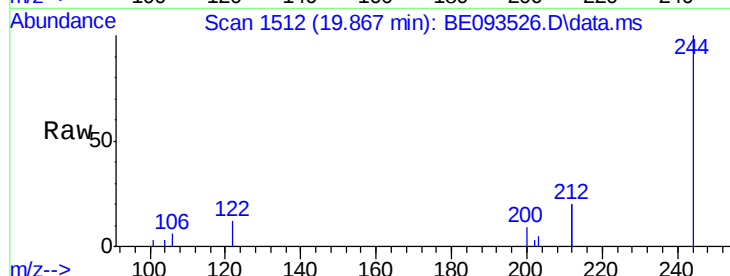
Tot Ion:244 Resp: 31569

Ion Ratio Lower Upper

244 100

212 39.7 10.6 16.0#

122 12.2 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.82 ng

RT: 21.315 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BE093526.D

Acq: 22 Jul 2017 2:06

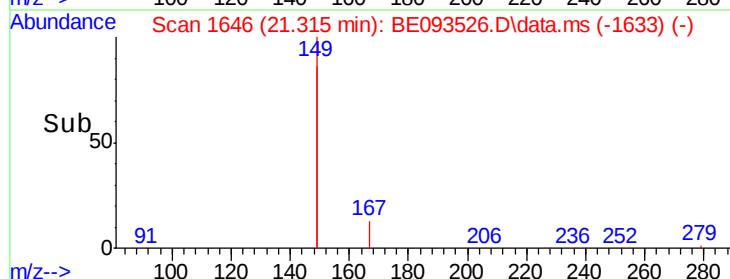
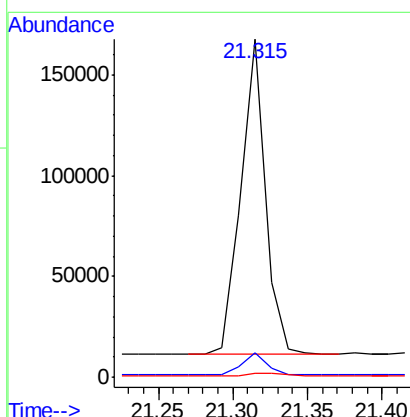
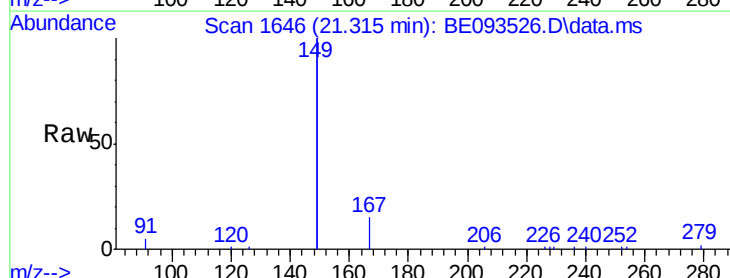
Tgt Ion:149 Resp: 178315

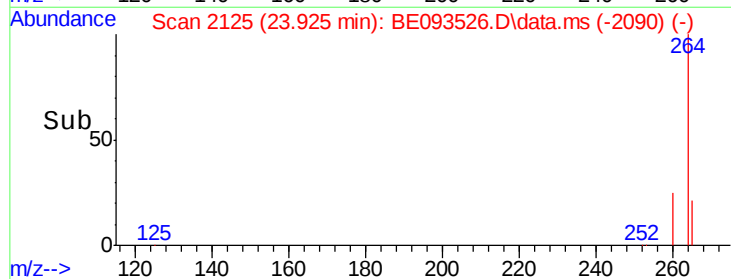
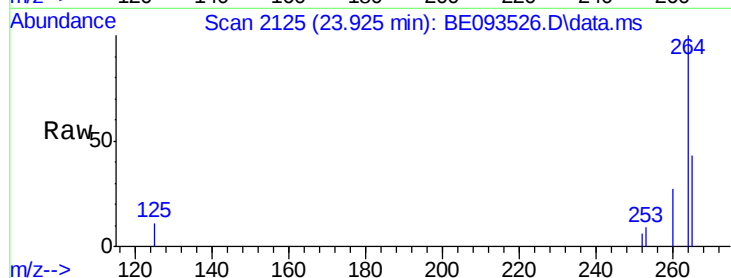
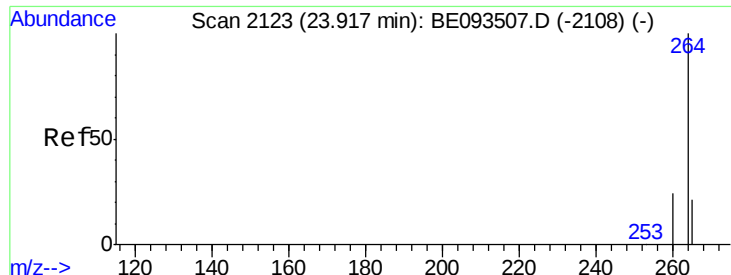
Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

279 1.0 0.8 1.2





#34

Pervlene-d12

Concen: 0.40 ng

RT: 23.925 min Scan# 21

Delta R.T. 0.008 min

Lab File: BE093526.D

Acq: 22 Jul 2017 2:06

Instrument :

BNA_E

ClientSampleId :

3575-DB

Tot Ion:264 Resp: 26978

Ion Ratio Lower Upper

264 100

260 26.7 21.0 31.4

265 42.6 24.6 36.8#

