

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093524.D
 Acq On : 22 Jul 2017 00:51
 Operator : SJ/JU
 Sample : I4199-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3573-PA3

Quant Time: Jul 22 03:25:51 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

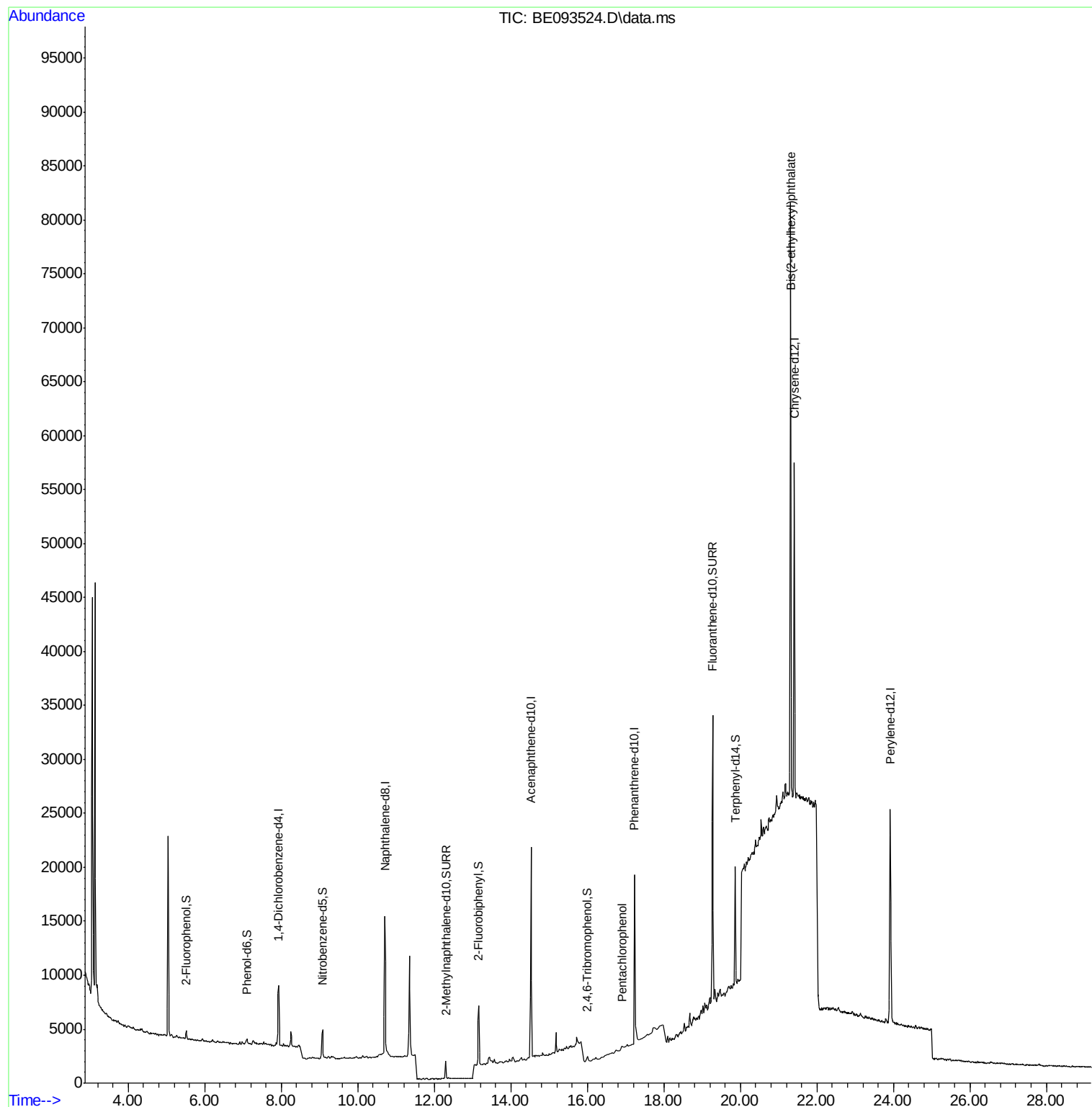
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.931	152	2931	0.40	ng	0.00
7) Naphthalene-d8	10.705	136	16363	0.40	ng	0.00
13) Acenaphthene-d10	14.525	164	11141	0.40	ng	0.00
19) Phenanthrene-d10	17.235	188	24824	0.40	ng	0.00
27) Chrysene-d12	21.415	240	34240	0.40	ng	0.00
34) Perylene-d12	23.920	264	29224	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.514	112	451	0.04	ng	0.00
5) Phenol-d6	7.100	99	499	0.04	ng	0.00
8) Nitrobenzene-d5	9.077	82	1246	0.10	ng	0.02
11) 2-Methylnaphthalene-d10	12.295	152	2289	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.997	330	336	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.162	172	5893	0.13	ng	0.00
25) Fluoranthene-d10	19.274	212	36570	0.09	ng	0.00
29) Terphenyl-d14	19.865	244	9816	0.16	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.909	266	321	0.23	ng	# 84
32) Bis(2-ethylhexyl)phtha...	21.315	149	66021	0.29	ng	# 96

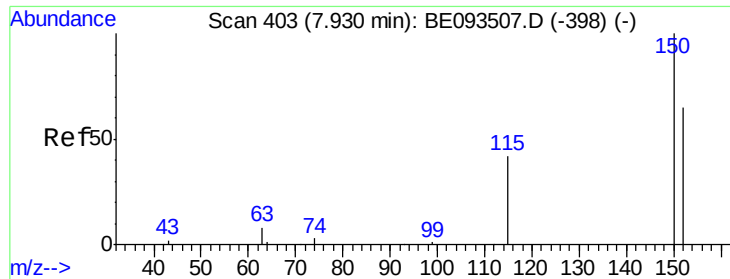
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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3573-PA3

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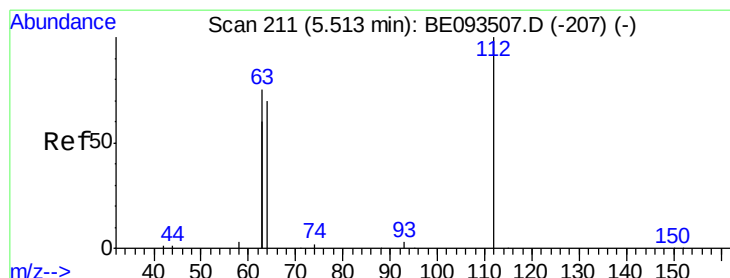
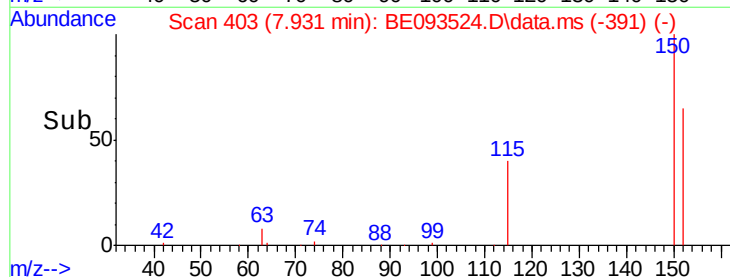
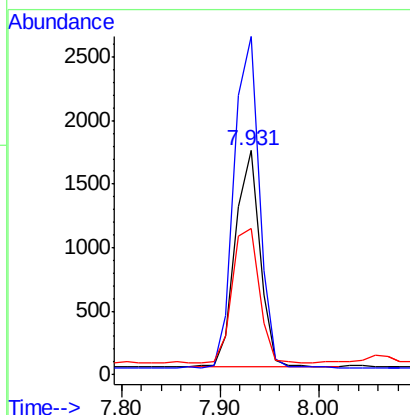
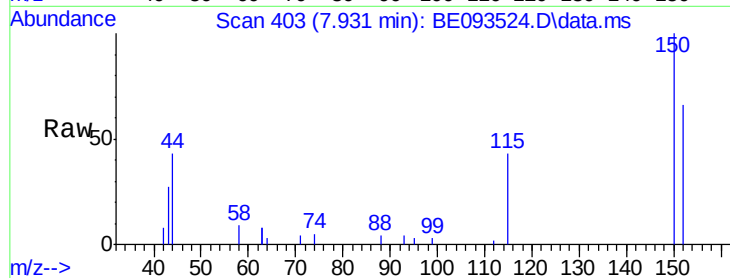




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.931 min Scan# 40
 Delta R.T. 0.001 min
 Lab File: BE093524.D
 Acq: 22 Jul 2017 00:51

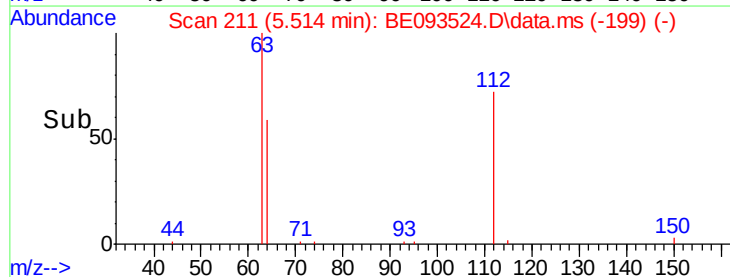
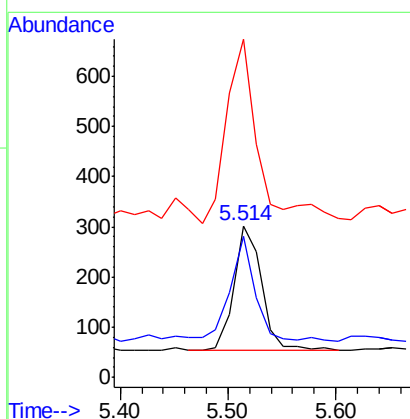
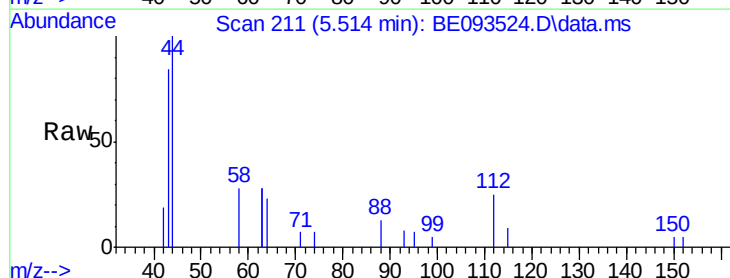
Instrument :
 BNA_E
 ClientSampleId :
 3573-PA3

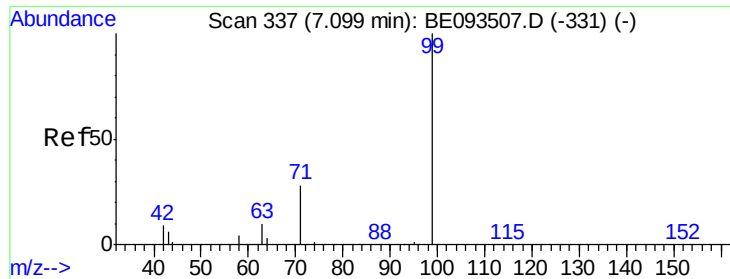
Tot Ion:152 Resp: 2931
 Ion Ratio Lower Upper
 152 100
 150 151.1 125.1 187.7
 115 65.6 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.04 ng
 RT: 5.514 min Scan# 211
 Delta R.T. 0.001 min
 Lab File: BE093524.D
 Acq: 22 Jul 2017 00:51

Tgt Ion:112 Resp: 451
 Ion Ratio Lower Upper
 112 100
 64 72.3 56.4 84.6
 63 152.1 29.3 43.9#





#5

Phenol-d6

Concen: 0.04 ng

RT: 7.100 min Scan# 33

Delta R.T. 0.001 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

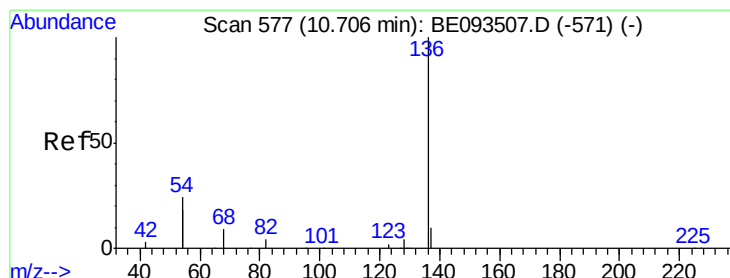
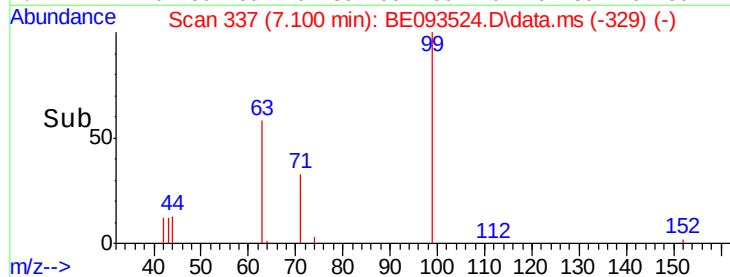
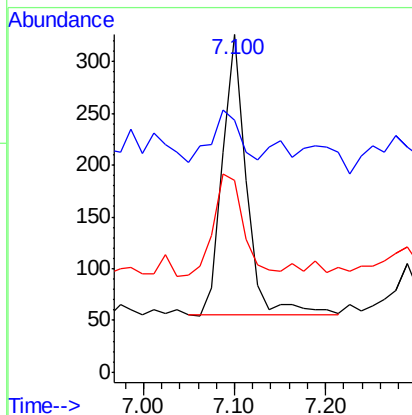
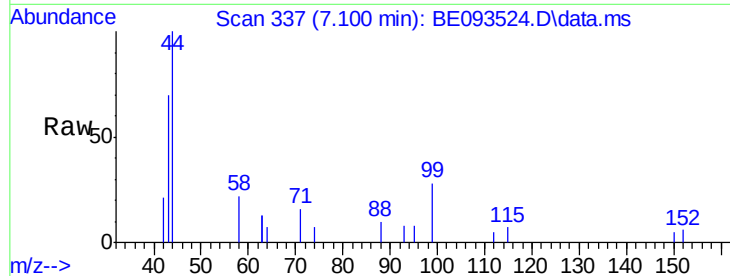
Tot Ion: 99 Resp: 499

Ion Ratio Lower Upper

99 100

42 20.0 0.0 0.0#

71 44.9 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.705 min Scan# 577

Delta R.T. -0.001 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Tgt Ion: 136 Resp: 16363

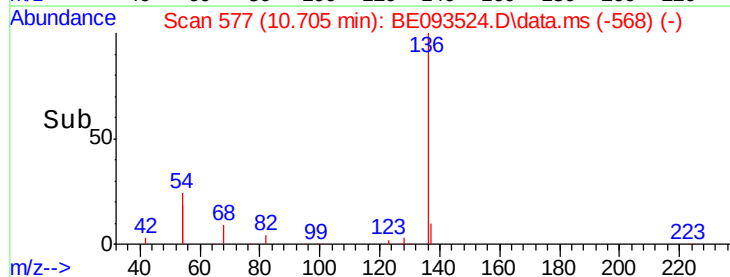
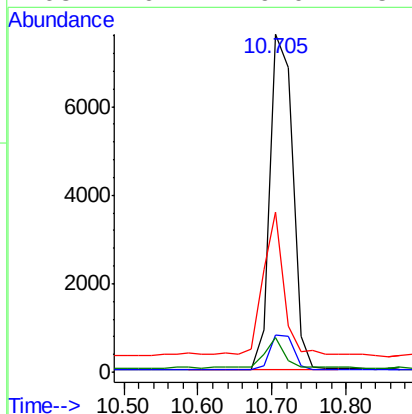
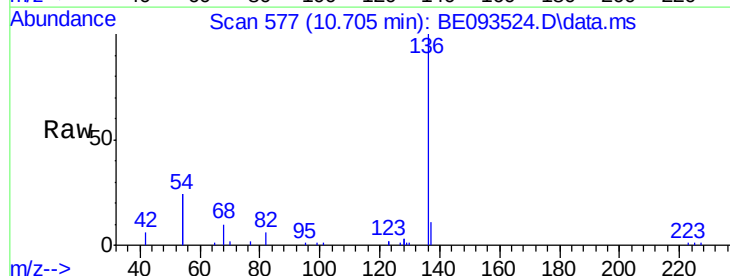
Ion Ratio Lower Upper

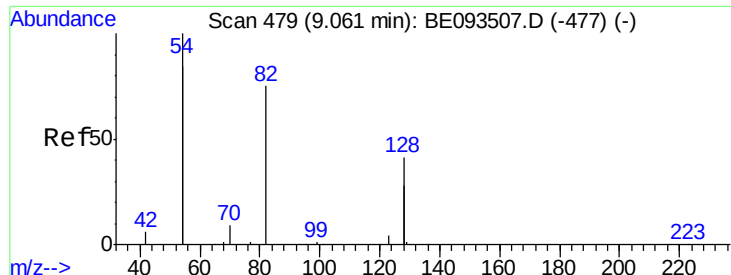
136 100

137 10.9 9.8 14.8

54 47.3 10.3 15.5#

68 10.1 9.0 13.4





#8

Nitrobenzene-d5

Concen: 0.10 ng

RT: 9.077 min Scan# 48

Delta R.T. 0.016 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

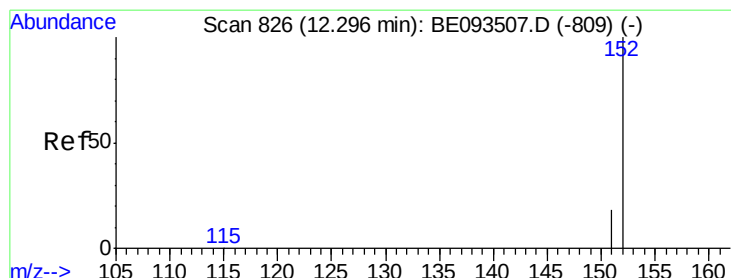
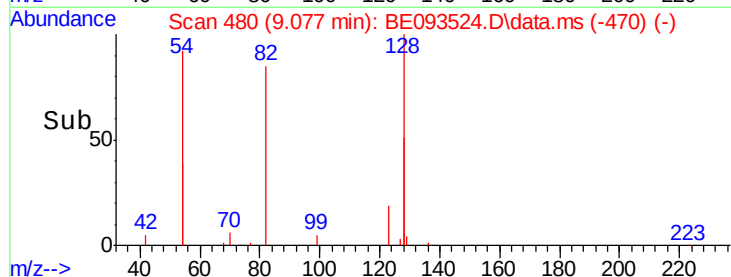
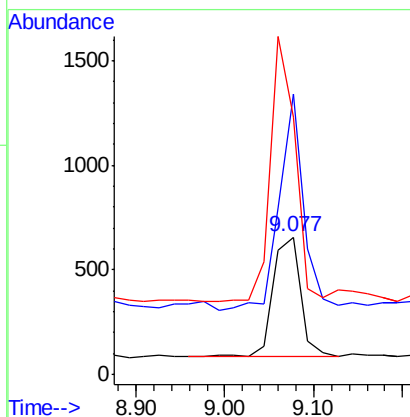
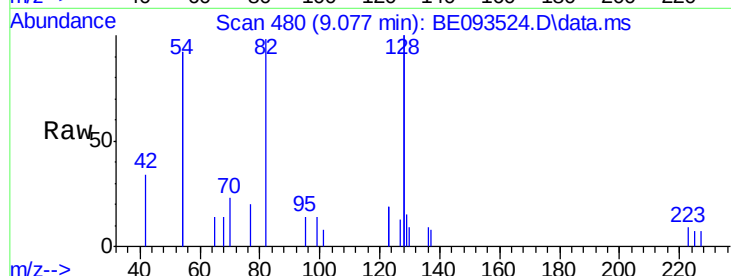
Tot Ion: 82 Resp: 1246

Ion Ratio Lower Upper

82 100

128 204.0 17.0 25.4#

54 187.8 53.8 80.6#



#11

2-Methylnaphthalene-d10

Concen: 0.09 ng

RT: 12.295 min Scan# 826

Delta R.T. -0.001 min

Lab File: BE093524.D

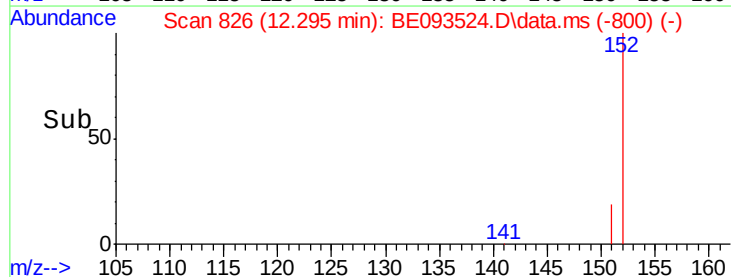
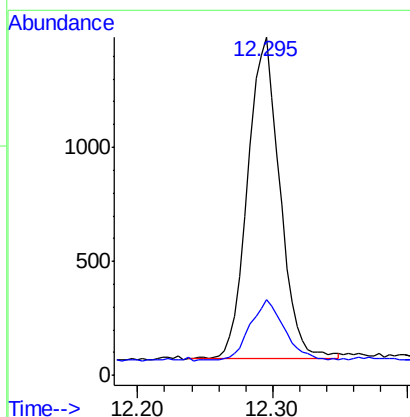
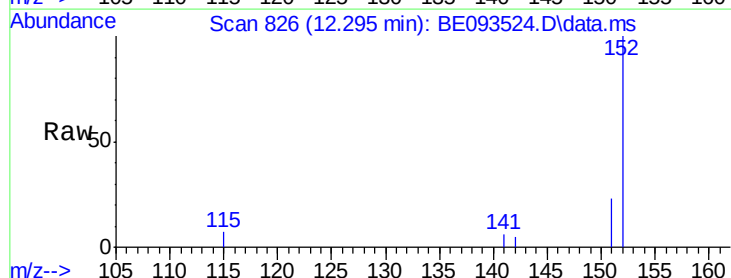
Acq: 22 Jul 2017 00:51

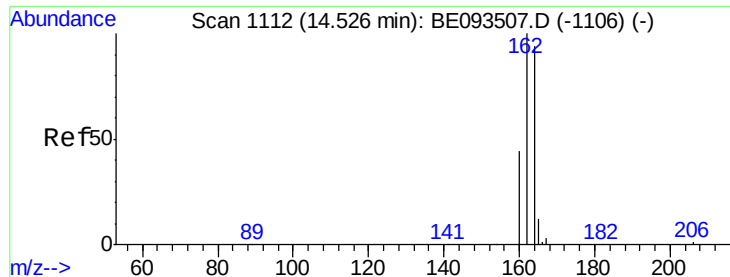
Tgt Ion: 152 Resp: 2289

Ion Ratio Lower Upper

152 100

151 20.3 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: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

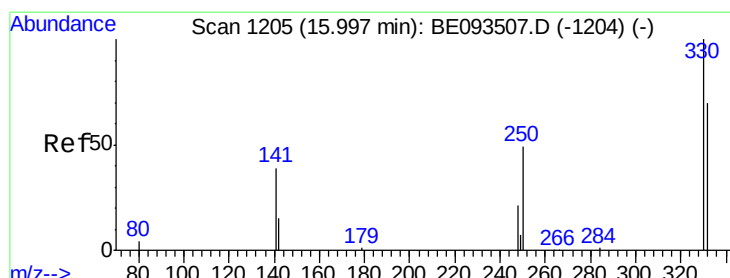
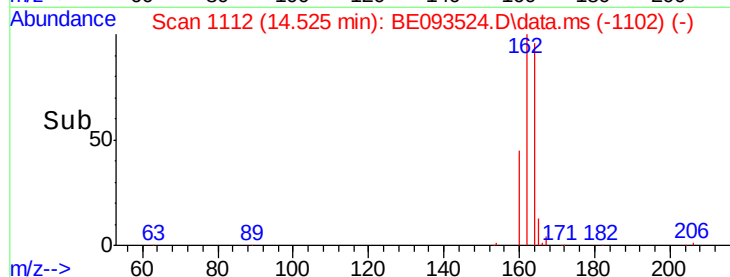
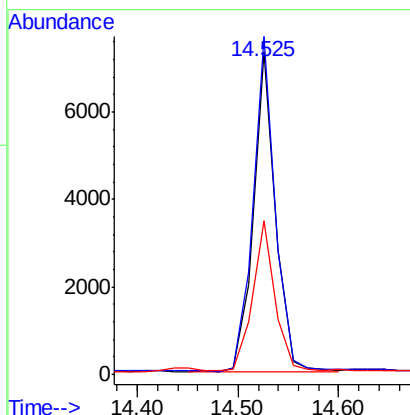
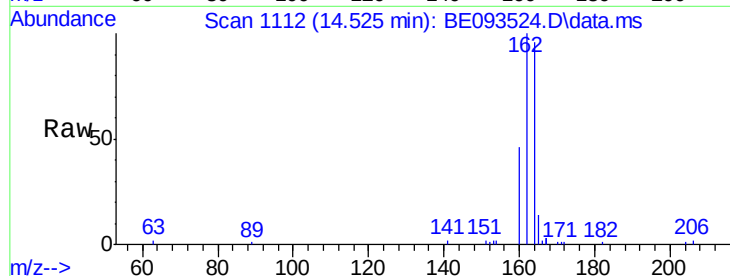
Tot Ion:164 Resp: 11141

Ion Ratio Lower Upper

164 100

162 104.6 84.6 127.0

160 47.7 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.08 ng

RT: 15.997 min Scan# 1205

Delta R.T. -0.001 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

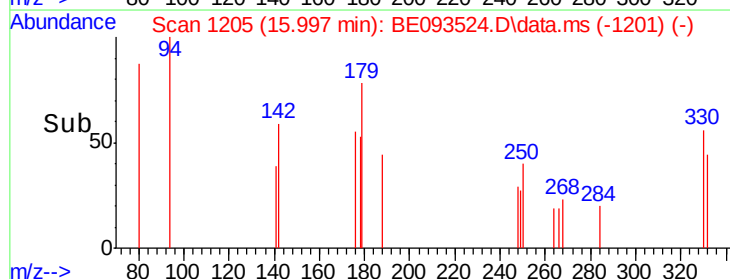
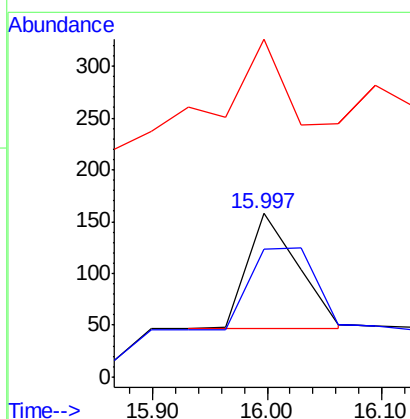
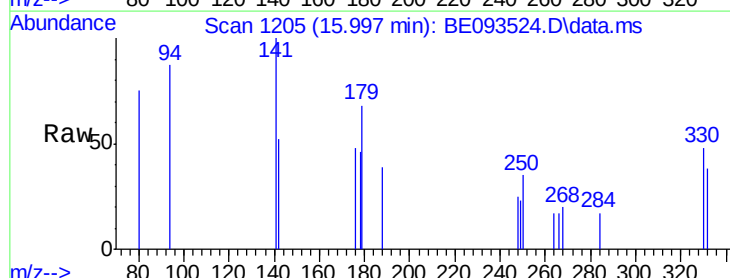
Tgt Ion:330 Resp: 336

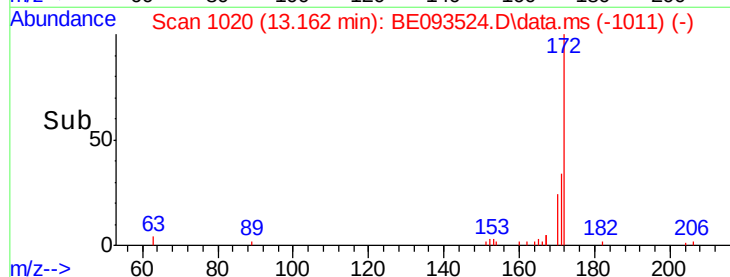
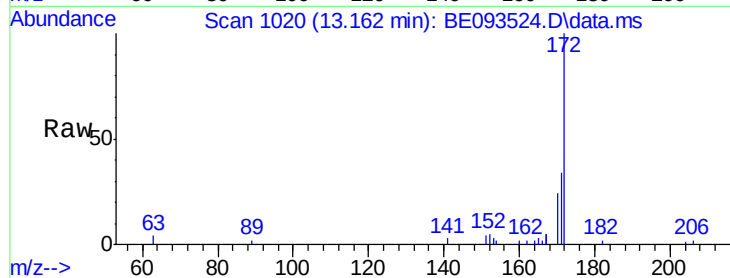
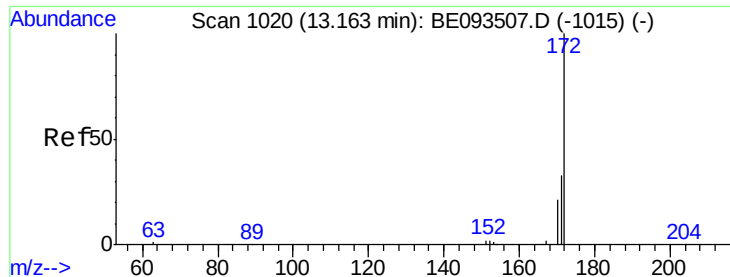
Ion Ratio Lower Upper

330 100

332 0.0 77.7 116.5#

141 48.2 56.2 84.4#

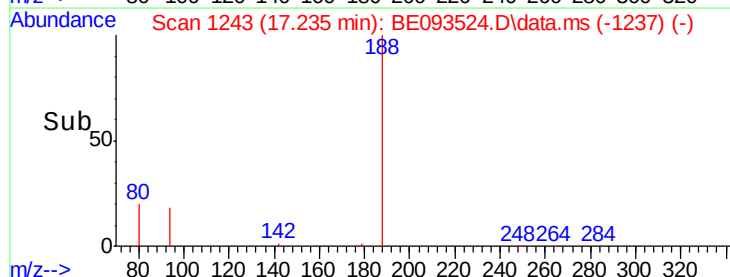
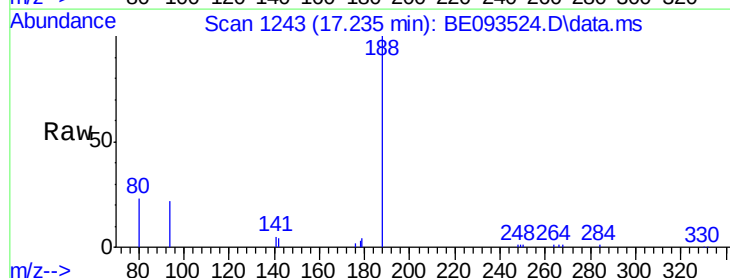
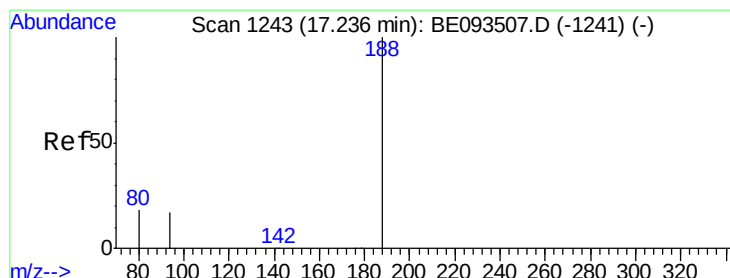
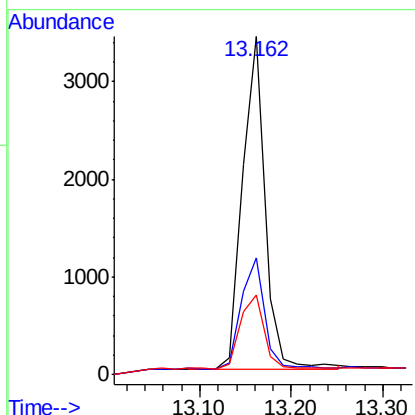




#15
2-Fluorobiphenyl
Concen: 0.13 ng
RT: 13.162 min Scan# 101
Delta R.T. -0.001 min
Lab File: BE093524.D
Acq: 22 Jul 2017 00:51

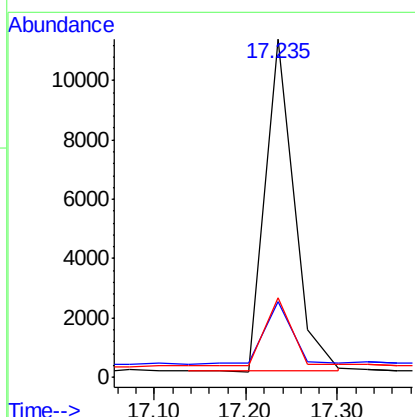
Instrument :
BNA_E
ClientSampleId :
3573-PA3

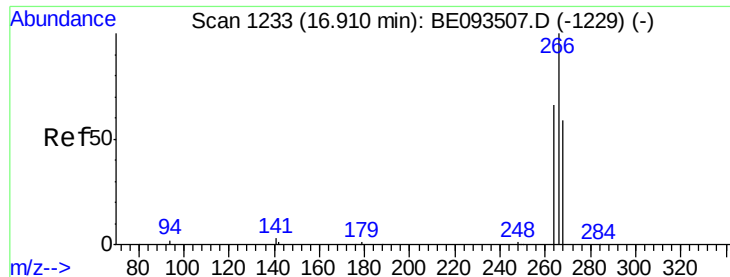
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.8	44.6
170	23.5	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.235 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE093524.D
Acq: 22 Jul 2017 00:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	22.2	11.3	16.9#
80	23.4	11.7	17.5#

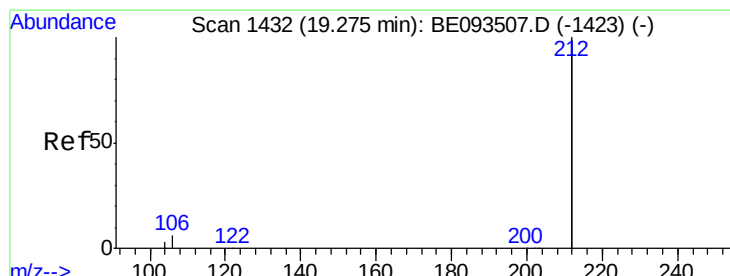
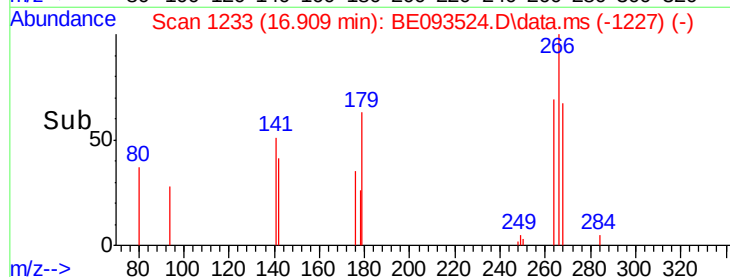
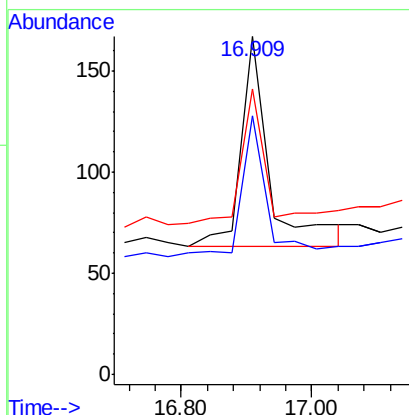
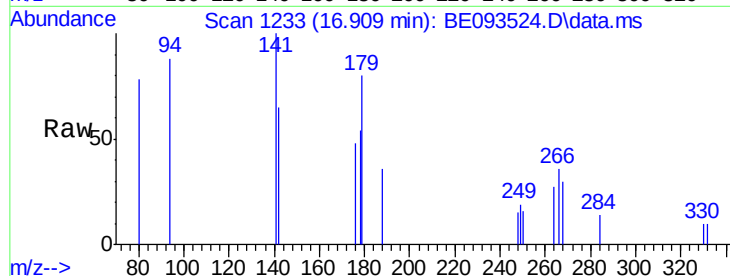




#22
 Pentachlorophenol
 Concen: 0.23 ng
 RT: 16.909 min Scan# 1233
 Delta R.T. -0.001 min
 Lab File: BE093524.D
 Acq: 22 Jul 2017 00:51

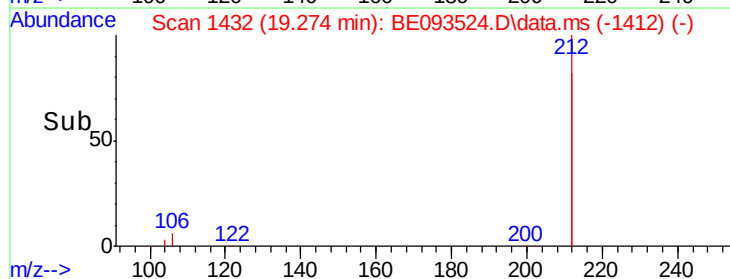
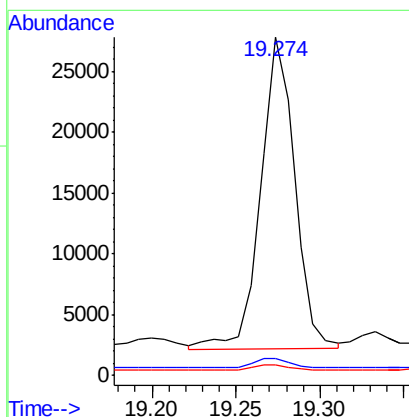
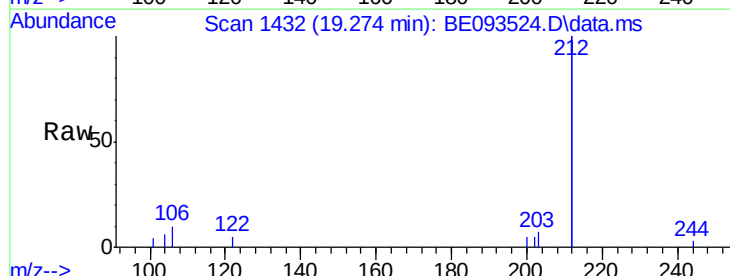
Instrument :
 BNA_E
 ClientSampleId :
 3573-PA3

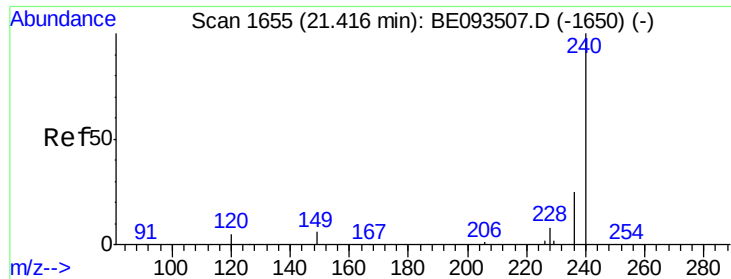
Tot Ion:	266	Resp:	321
Ion Ratio	Lower	Upper	
266	100		
264	76.6	56.0	84.0
268	84.4	52.0	78.0



#25
 Fluoranthene-d10
 Concen: 0.09 ng
 RT: 19.274 min Scan# 1432
 Delta R.T. -0.001 min
 Lab File: BE093524.D
 Acq: 22 Jul 2017 00:51

Tgt Ion:	212	Resp:	36570
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.4	3.6
104	1.7	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: BE093524.D

Acq: 22 Jul 2017 00:51

Instrument :

BNA_E

ClientSampleId :

3573-PA3

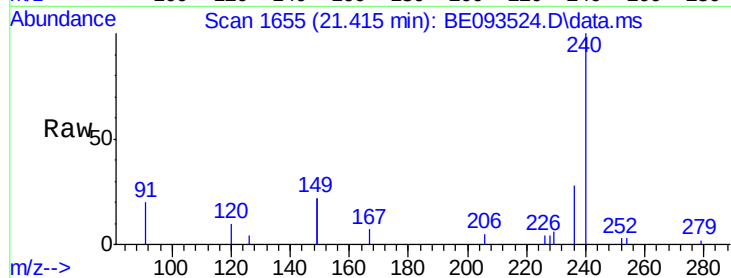
Tot Ion:240 Resp: 34240

Ion Ratio Lower Upper

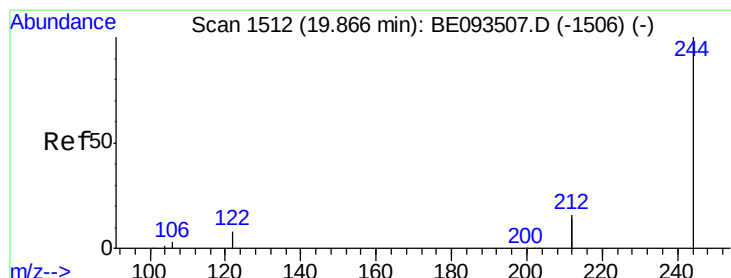
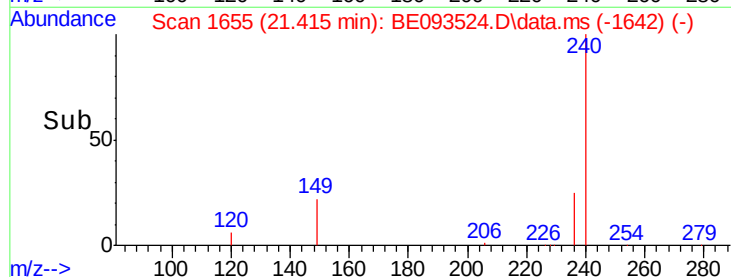
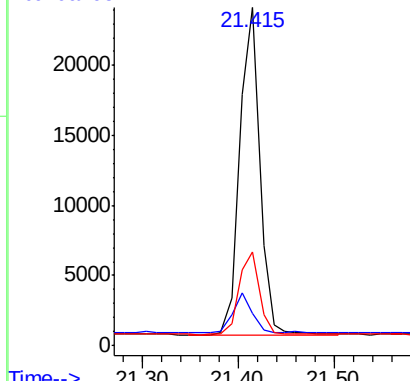
240 100

120 9.7 4.6 7.0#

236 27.7 20.8 31.2



Abundance



#29

Terphenyl-d14

Concen: 0.16 ng

RT: 19.865 min Scan# 1512

Delta R.T. -0.001 min

Lab File: BE093524.D

Acq: 22 Jul 2017 00:51

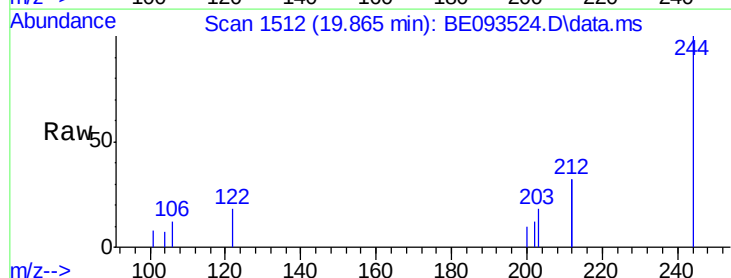
Tgt Ion:244 Resp: 9816

Ion Ratio Lower Upper

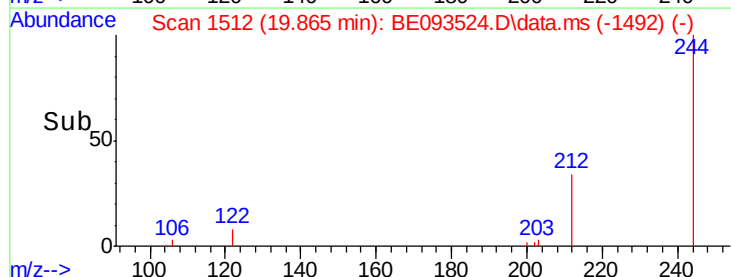
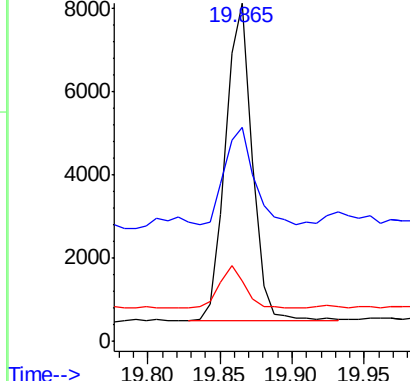
244 100

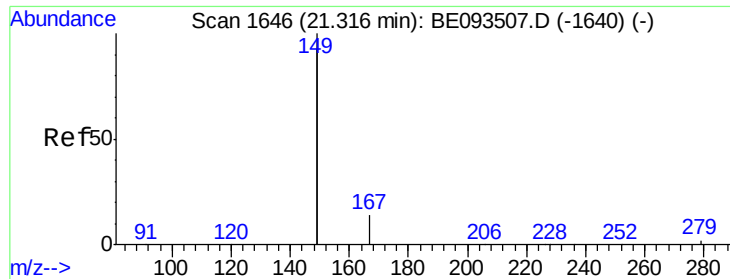
212 63.3 10.6 16.0#

122 17.8 15.4 23.0



Abundance

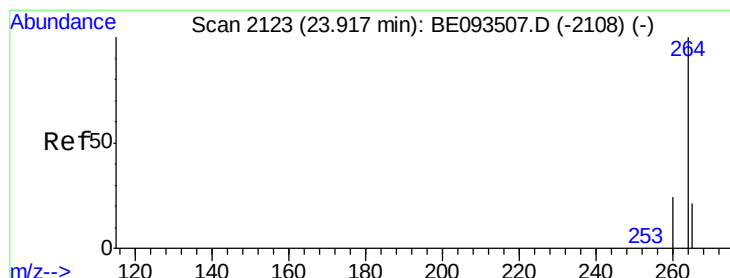
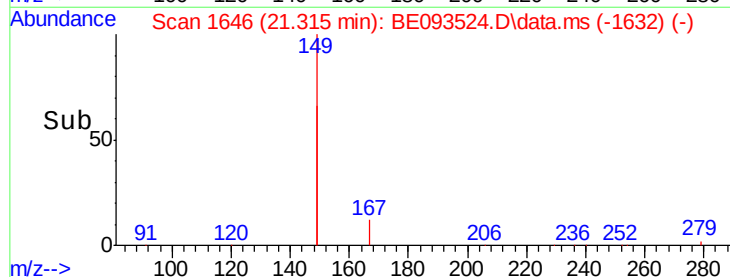
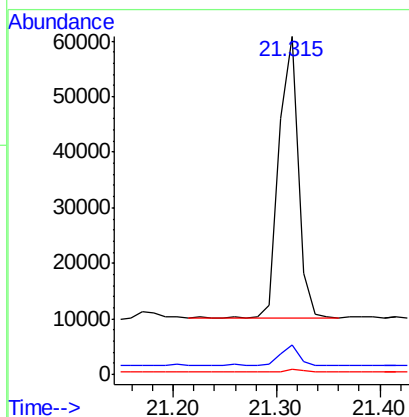
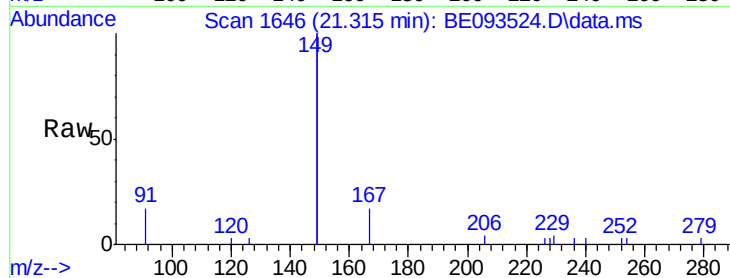




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.29 ng
 RT: 21.315 min Scan# 1646
 Delta R.T. 0.000 min
 Lab File: BE093524.D
 Acq: 22 Jul 2017 00:51

Instrument :
 BNA_E
 ClientSampleId :
 3573-PA3

Tot Ion:149 Resp: 66021
 Ion Ratio Lower Upper
 149 100
 167 7.4 4.8 7.2#
 279 0.9 0.8 1.2



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.920 min Scan# 2124
 Delta R.T. 0.004 min
 Lab File: BE093524.D
 Acq: 22 Jul 2017 00:51

Tgt Ion:264 Resp: 29224
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.0 31.4
 265 35.8 24.6 36.8

