

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 03:32:49 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

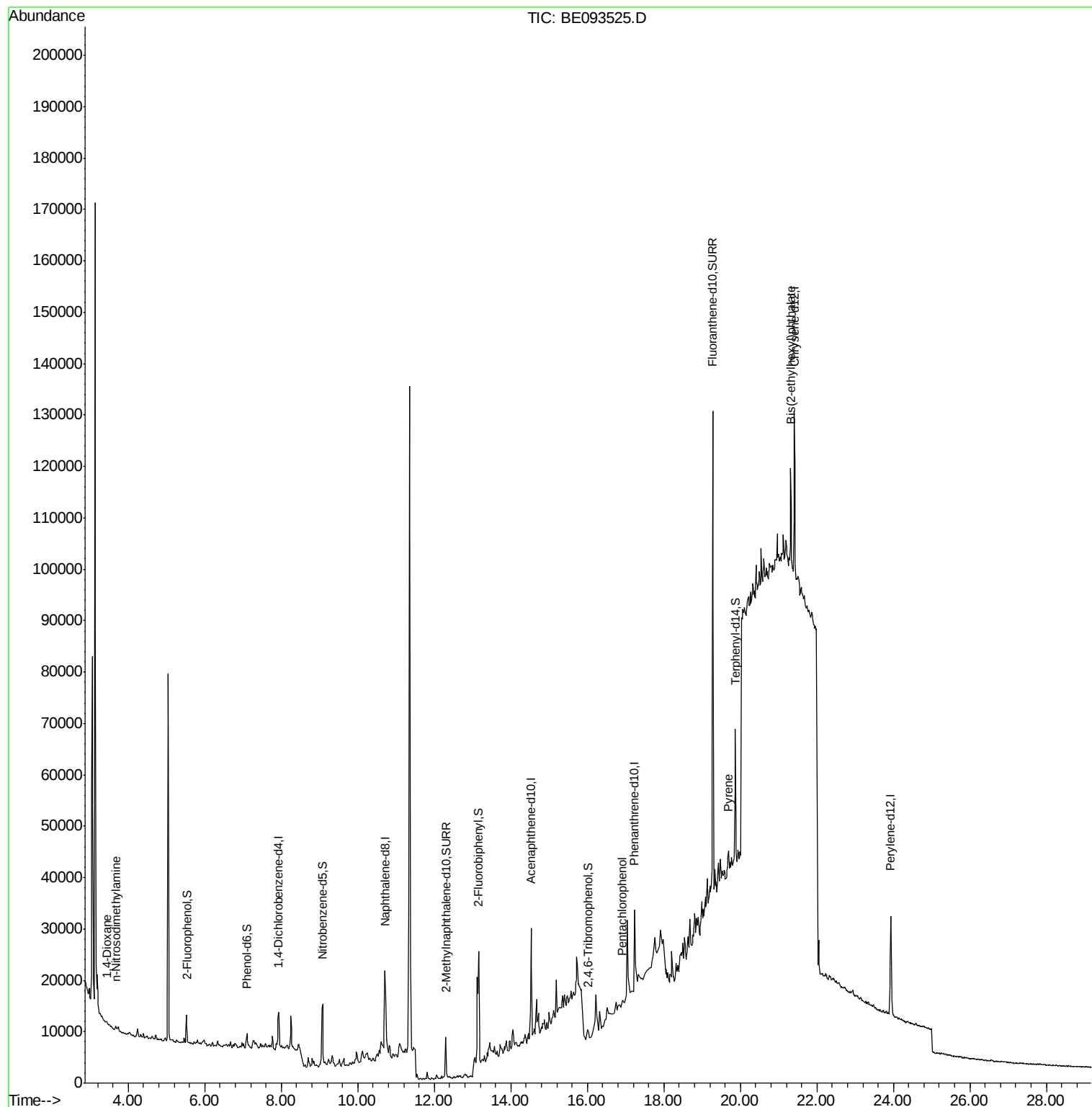
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3485	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	19615	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	14007	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	19243	0.40	ng	0.00
27) Chrysene-d12	21.42	240	34244	0.40	ng	0.00
34) Perylene-d12	23.93	264	28787	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2783	0.23	ng	0.01
5) Phenol-d6	7.10	99	2858	0.17	ng	0.00
8) Nitrobenzene-d5	9.08	82	5824	0.37	ng	0.02
11) 2-Methylnaphthalene-d10	12.30	152	10990	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1400	0.27	ng	0.03
15) 2-Fluorobiphenyl	13.16	172	19218	0.35	ng	0.00
25) Fluoranthene-d10	19.28	212	127576	0.42	ng	0.00
29) Terphenyl-d14	19.87	244	21716	0.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	316	0.055	ng	Qvalue # 20
3) n-Nitrosodimethylamine	3.68	42	422	0.074	ng	# 3
22) Pentachlorophenol	16.91	266	976	0.360	ng	98
28) Pyrene	19.67	202	2540	0.023	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.32	149	27799	0.119	ng	# 99

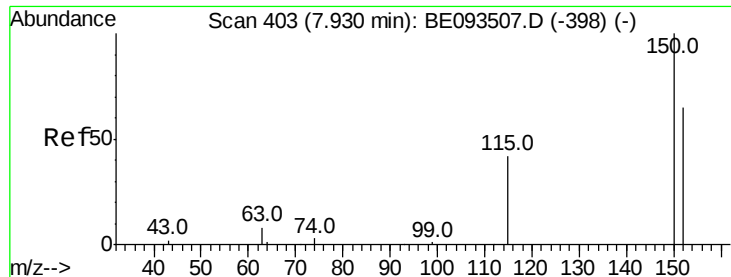
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.93 min Scan# 403

Delta R.T. 0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

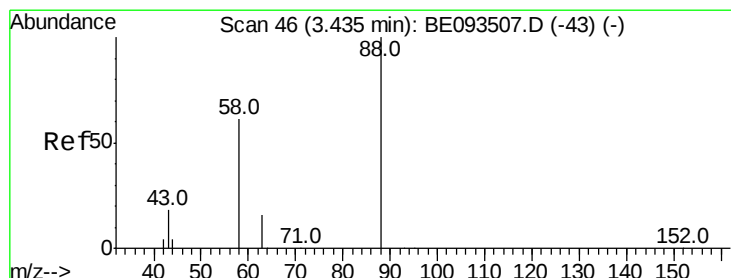
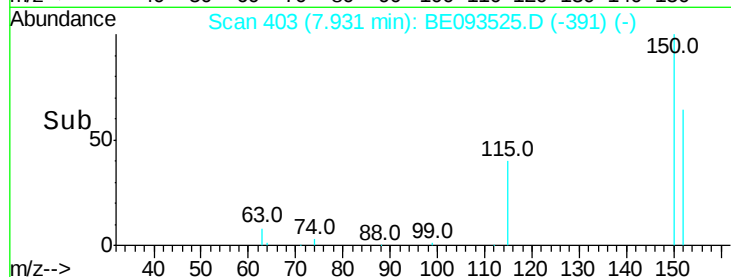
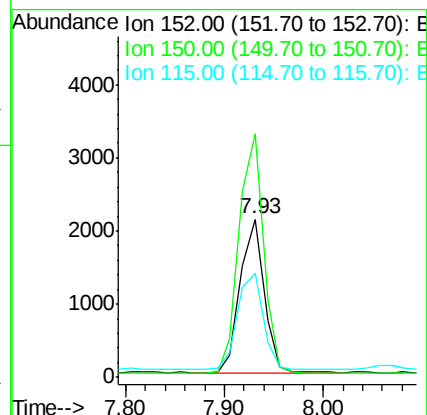
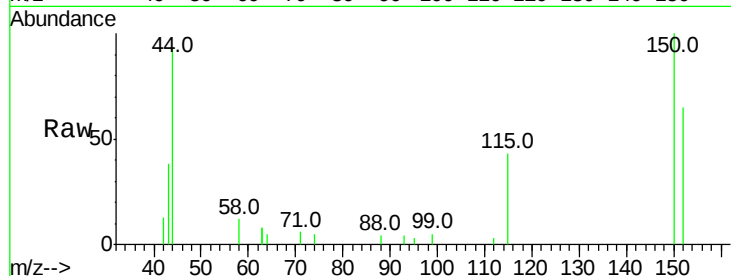
Tot Ion:152 Resp: 3485

Ion Ratio Lower Upper

152 100

150 154.2 125.1 187.7

115 66.2 55.7 83.5



#2

1,4-Dioxane

Concen: 0.055 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

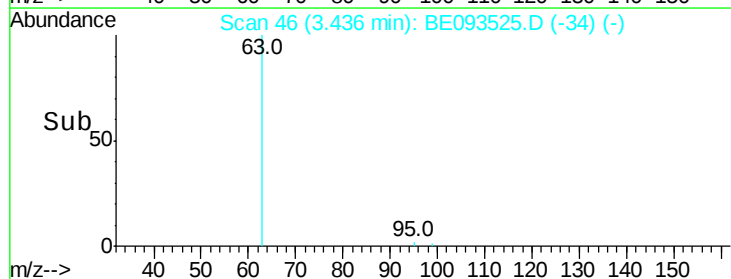
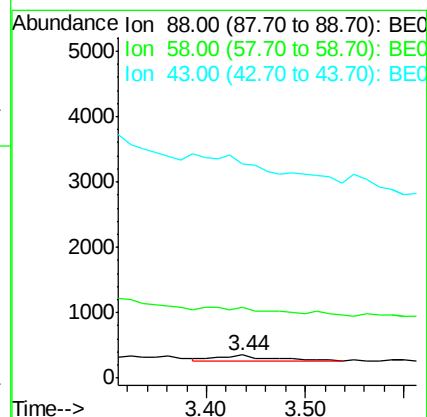
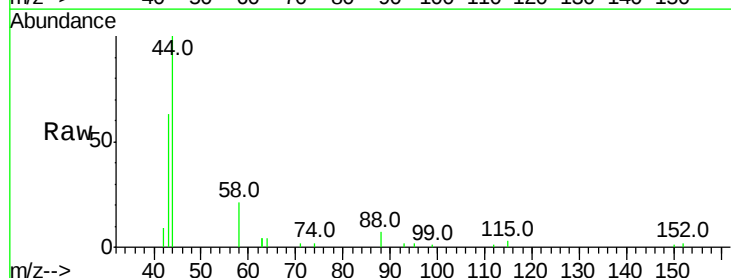
Tgt Ion: 88 Resp: 316

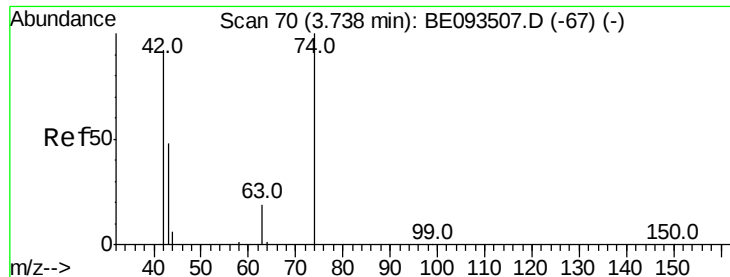
Ion Ratio Lower Upper

88 100

58 0.0 62.2 93.4#

43 0.0 23.2 34.8#





#3

n-Nitrosodimethylamine

Concen: 0.074 ng

RT: 3.68 min Scan# 65

Delta R.T. -0.06 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

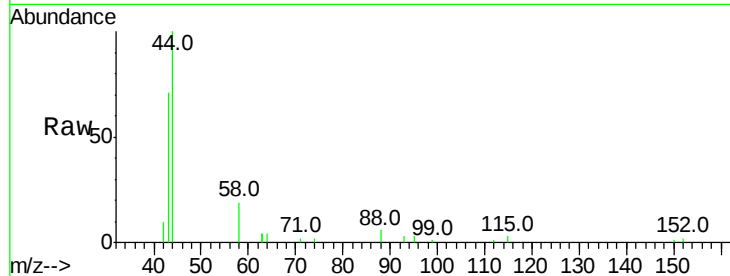
Tot Ion: 42 Resp: 422

Ion Ratio Lower Upper

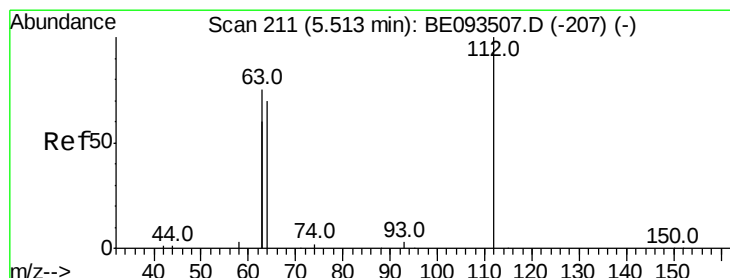
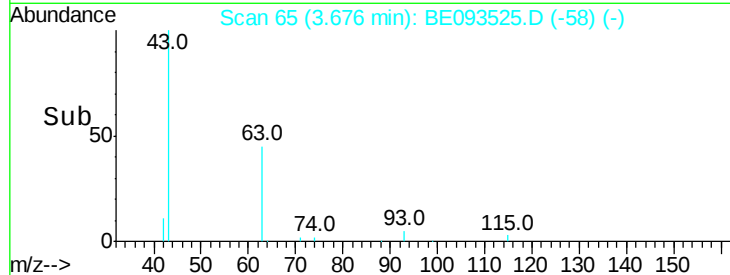
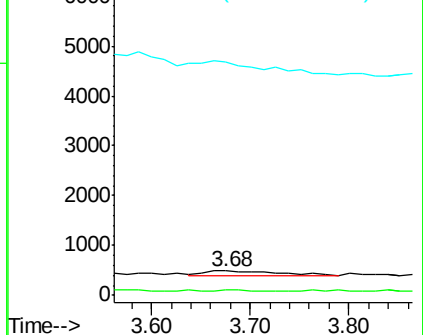
42 100

74 8.3 99.1 148.7#

44 0.0 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.230 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

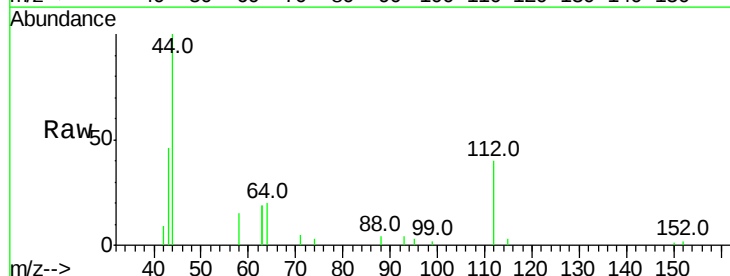
Tgt Ion: 112 Resp: 2783

Ion Ratio Lower Upper

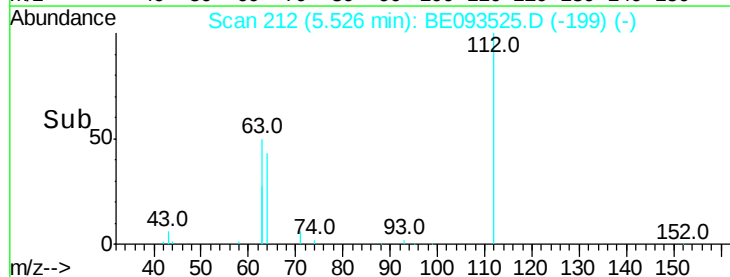
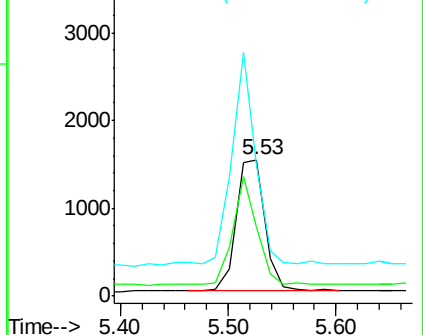
112 100

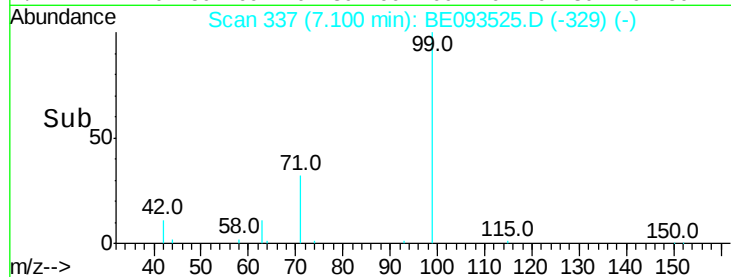
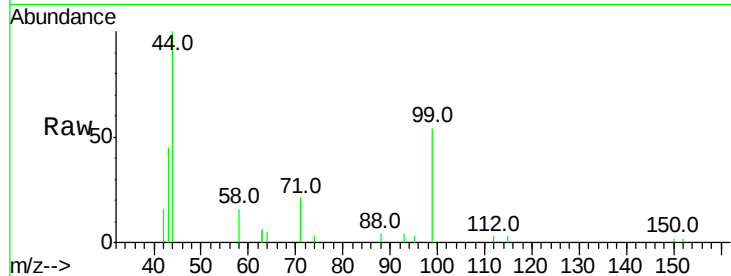
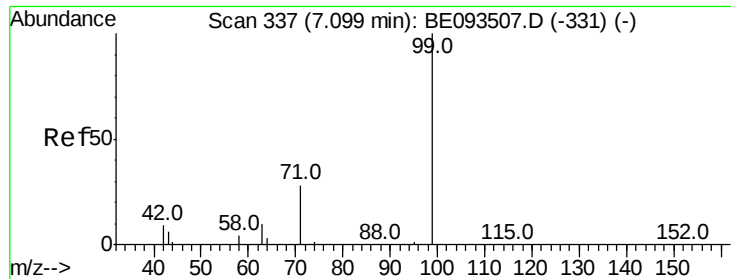
64 71.3 56.4 84.6

63 138.3 29.3 43.9#



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: 0.169 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

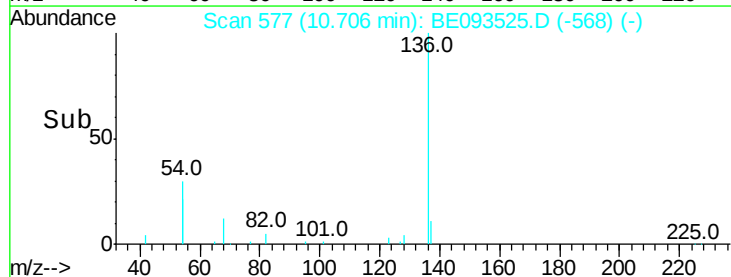
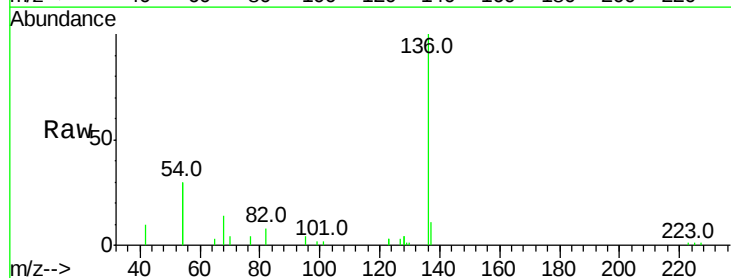
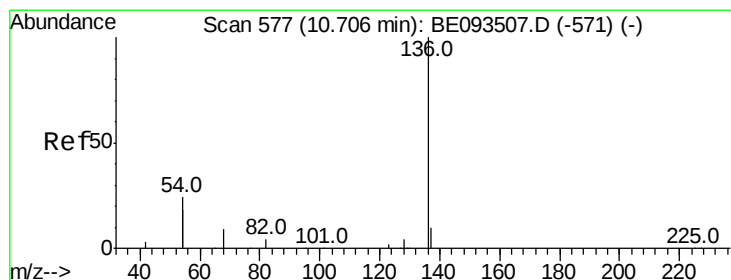
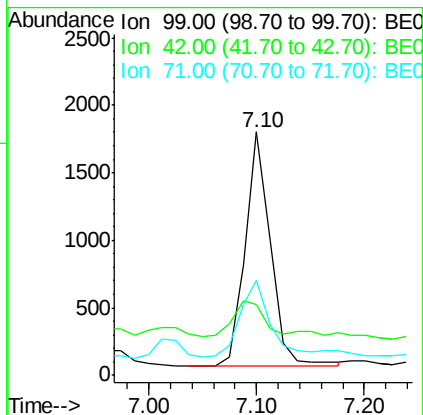
Tot Ion: 99 Resp: 2858

Ion Ratio Lower Upper

99 100

42 27.6 0.0 0.0#

71 42.6 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Tgt Ion: 136 Resp: 19615

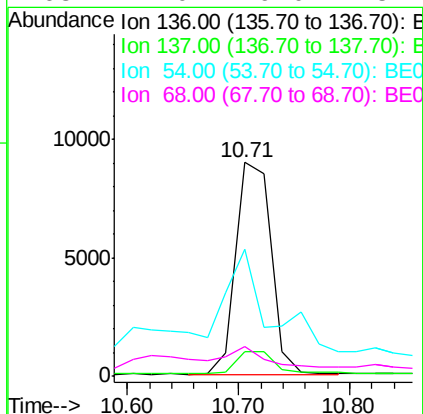
Ion Ratio Lower Upper

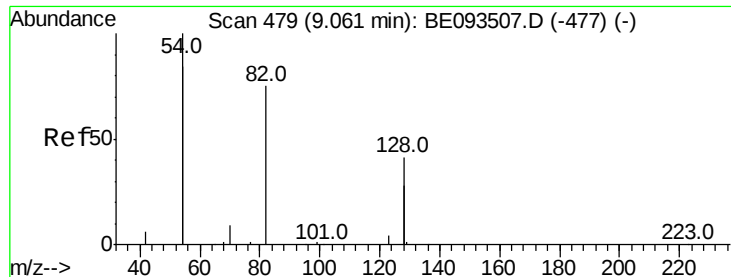
136 100

137 11.4 9.8 14.8

54 59.5 10.3 15.5#

68 14.0 9.0 13.4#

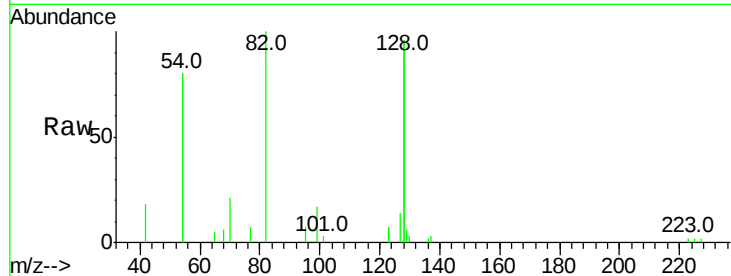




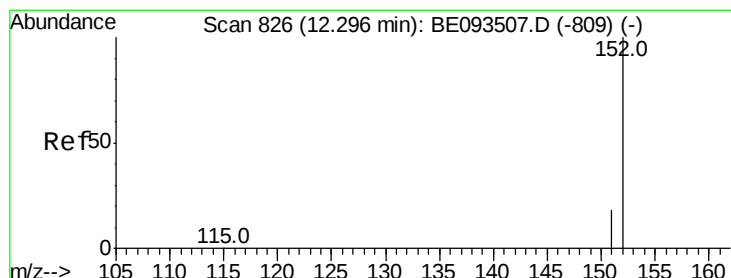
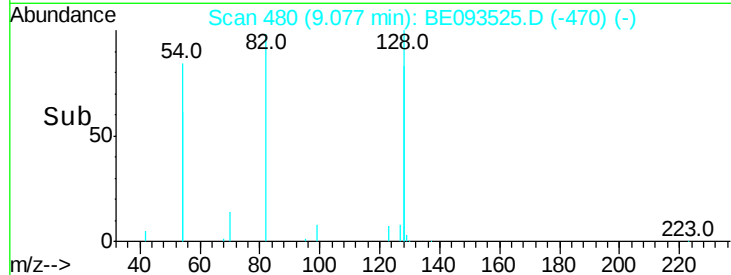
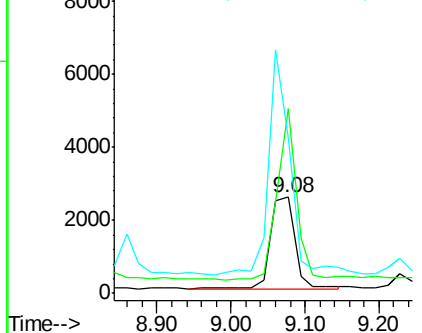
#8
 Nitrobenzene-d5
 Concen: 0.374 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.02 min
 Lab File: BE093525.D
 Acq: 22 Jul 2017 1:30

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#

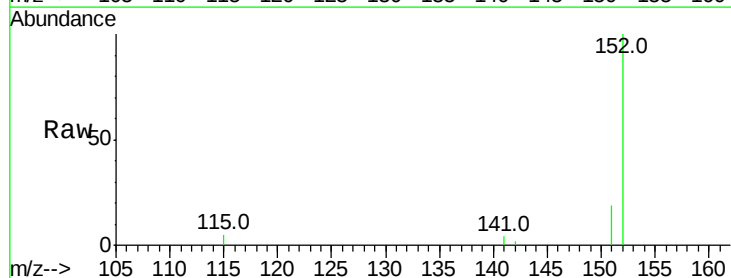


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

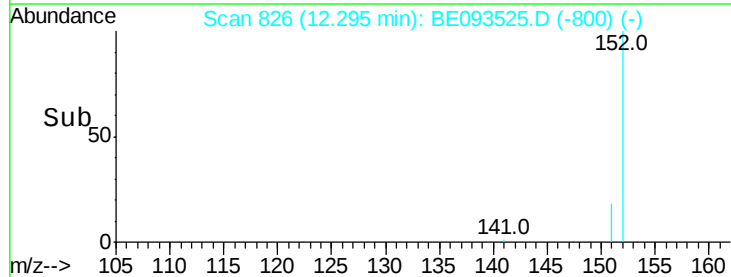
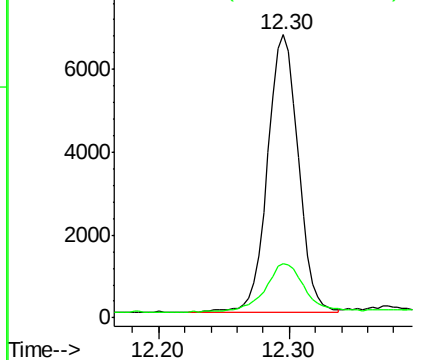


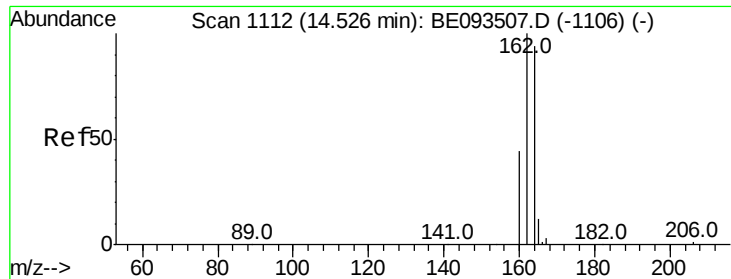
#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.30 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BE093525.D
 Acq: 22 Jul 2017 1:30

Tgt Ion: 152 Resp: 10990
 Ion Ratio Lower Upper
 152 100
 151 23.3 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

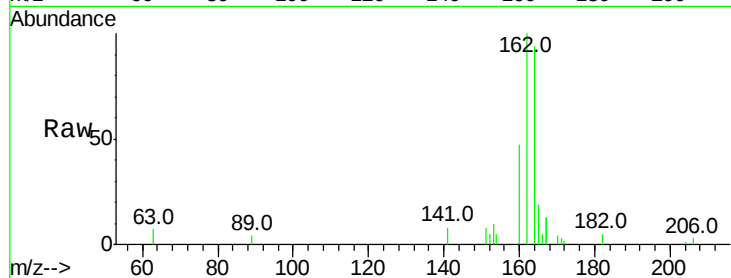
BNA_E

ClientSampleId :

3574-PA4

Tot Ion:164 Resp: 14007

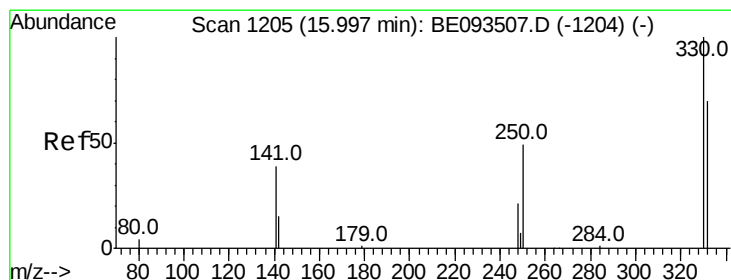
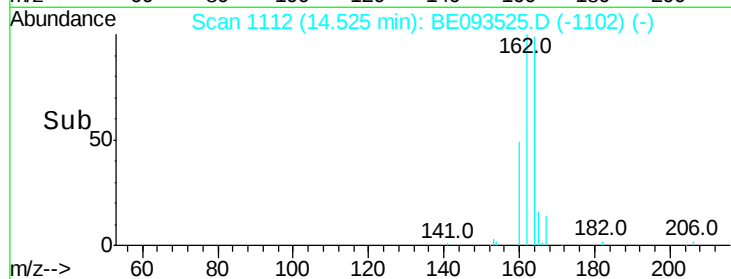
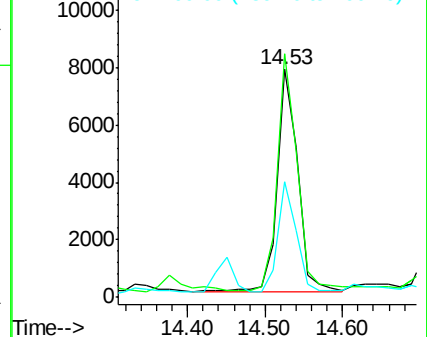
Ion	Ratio	Lower	Upper
164	100		
162	106.7	84.6	127.0
160	50.7	41.8	62.6



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: 0.275 ng

RT: 16.03 min Scan# 1206

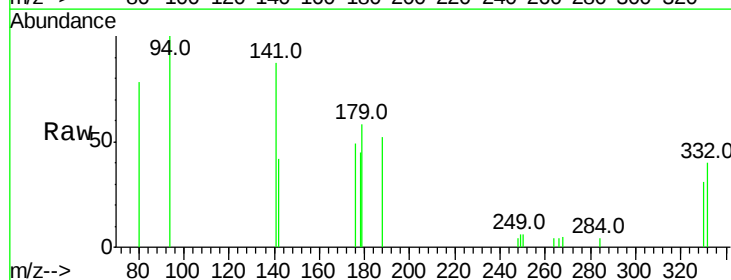
Delta R.T. 0.03 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Tgt Ion:330 Resp: 1400

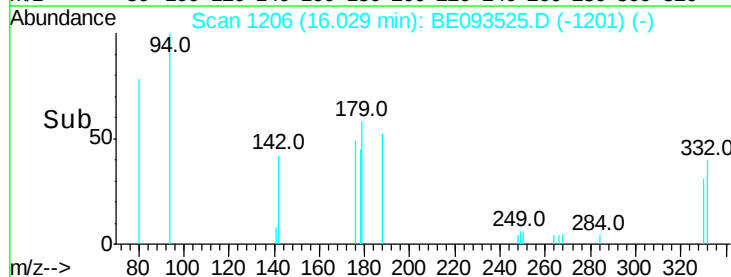
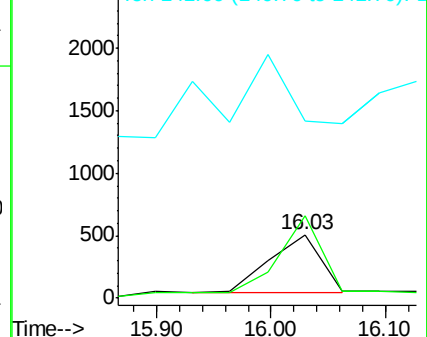
Ion	Ratio	Lower	Upper
330	100		
332	109.4	77.7	116.5
141	0.0	56.2	84.4#

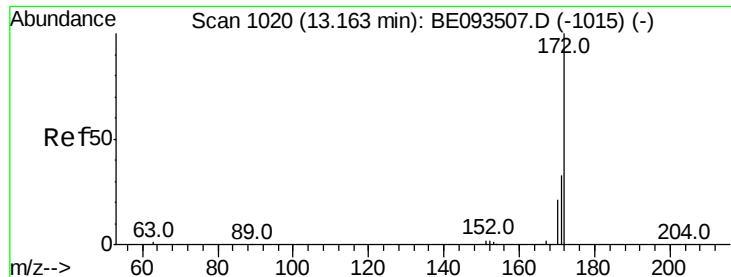


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

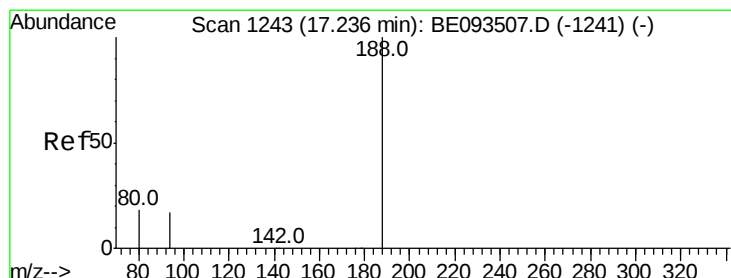
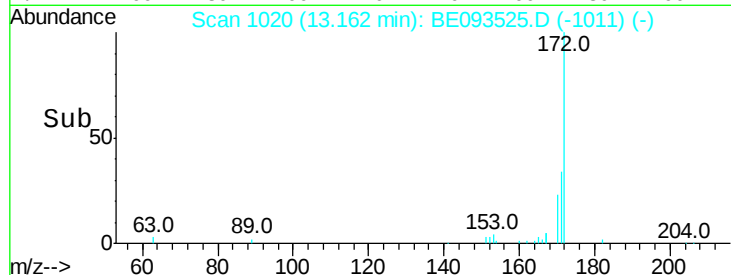
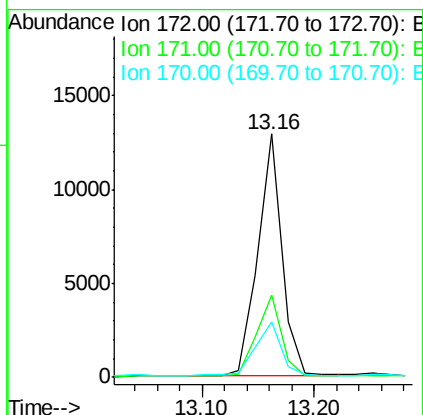
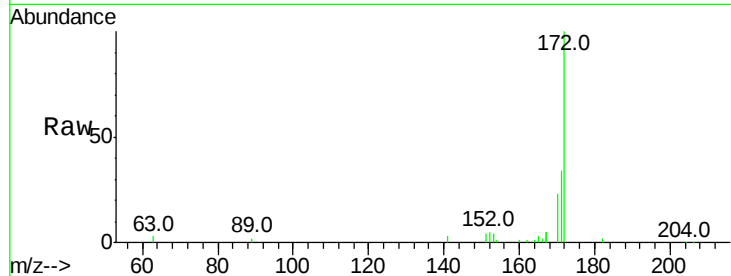




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093525.D
Acq: 22 Jul 2017 1:30

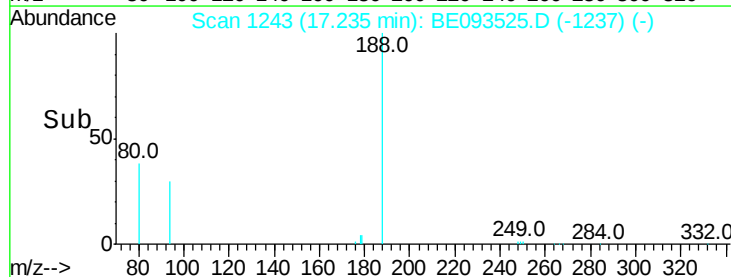
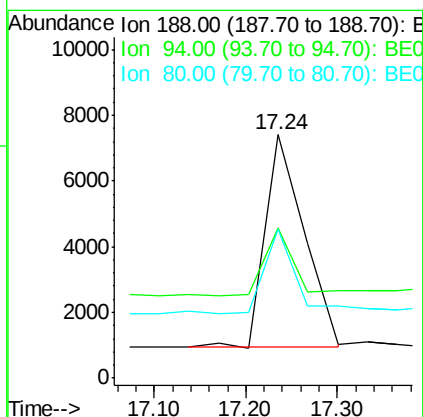
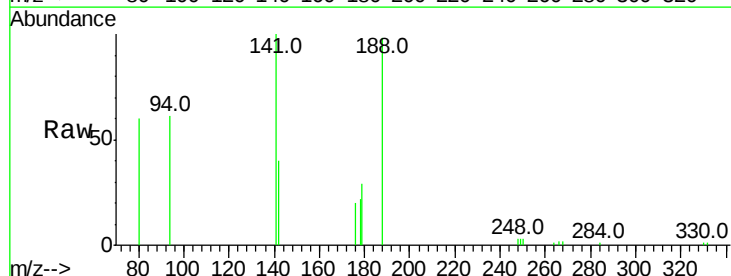
Instrument :
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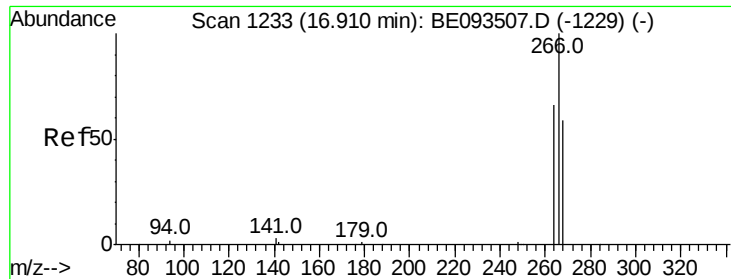
Tot Ion:172 Resp: 19218
Ion Ratio Lower Upper
172 100
171 34.0 29.8 44.6
170 22.8 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093525.D
Acq: 22 Jul 2017 1:30

Tgt Ion:188 Resp: 19243
Ion Ratio Lower Upper
188 100
94 61.9 11.3 16.9#
80 60.9 11.7 17.5#





#22

Pentachlorophenol

Concen: 0.360 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

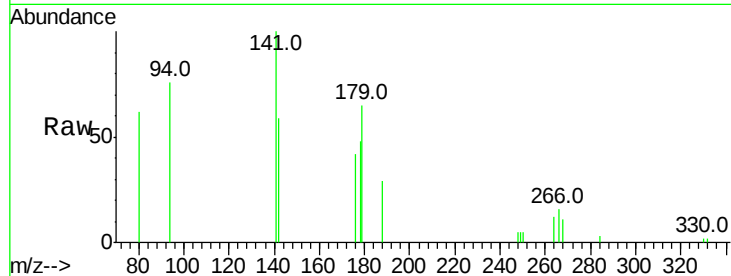
Tot Ion:266 Resp: 976

Ion Ratio Lower Upper

266 100

264 72.2 56.0 84.0

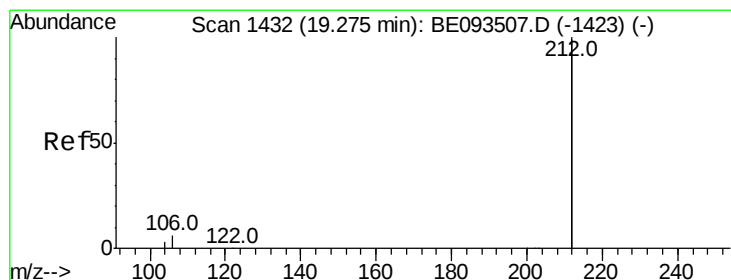
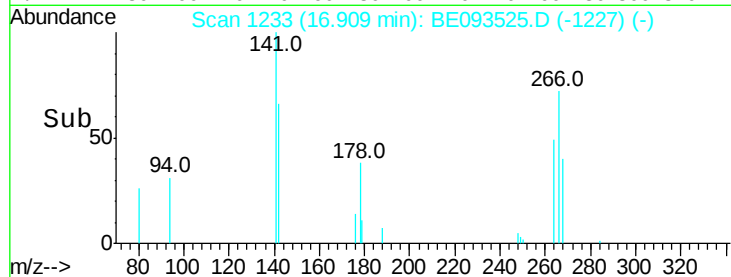
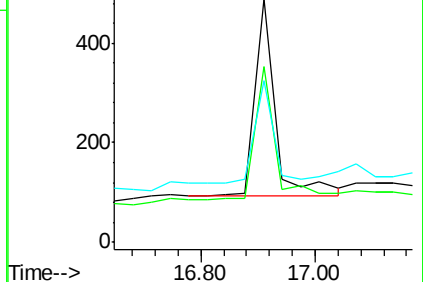
268 66.7 52.0 78.0



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.416 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

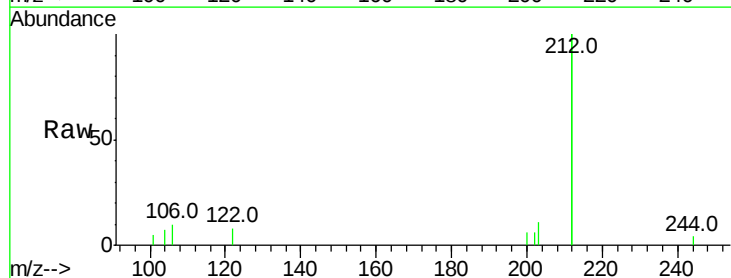
Tgt Ion:212 Resp: 127576

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6#

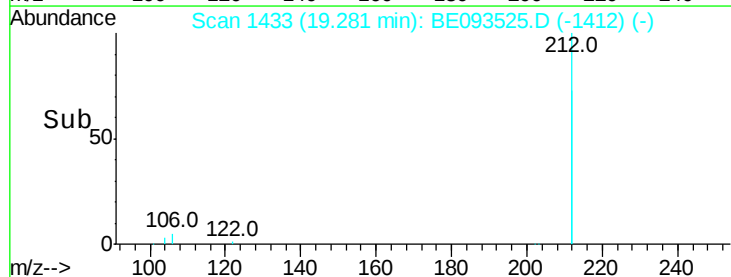
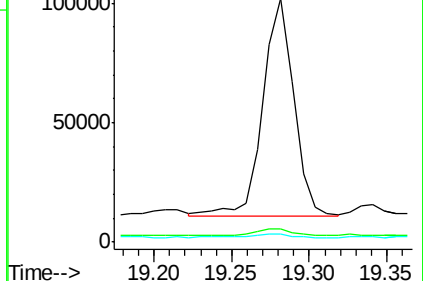
104 1.8 1.6 2.4

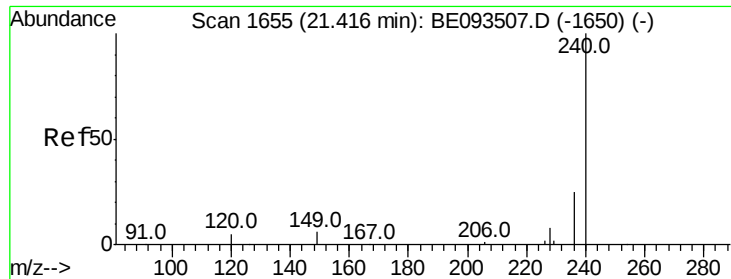


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

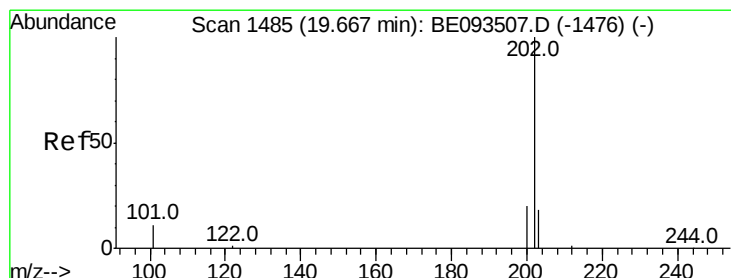
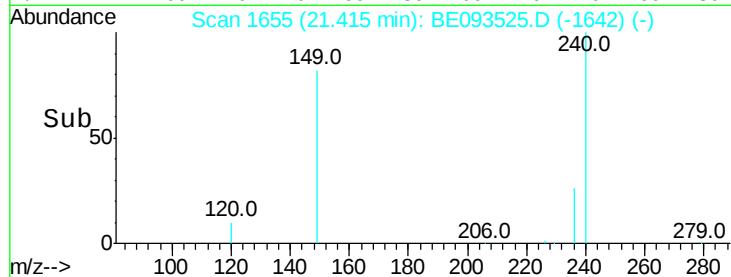
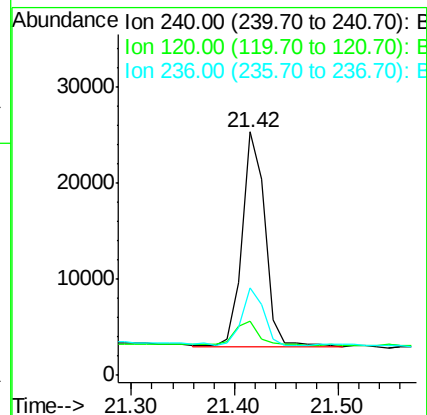
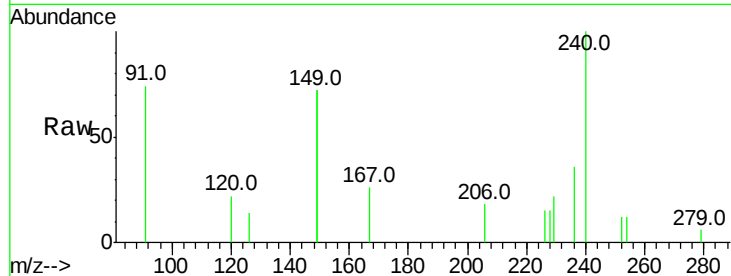
Tot Ion:240 Resp: 34244

Ion Ratio Lower Upper

240 100

120 22.5 4.6 7.0#

236 35.9 20.8 31.2#



#28

Pyrene

Concen: 0.023 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

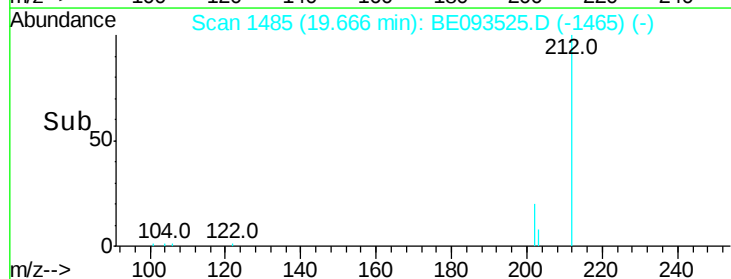
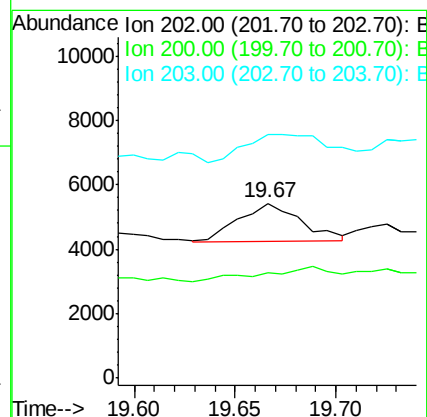
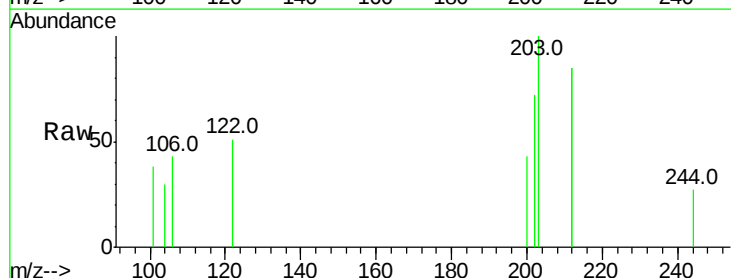
Tgt Ion:202 Resp: 2540

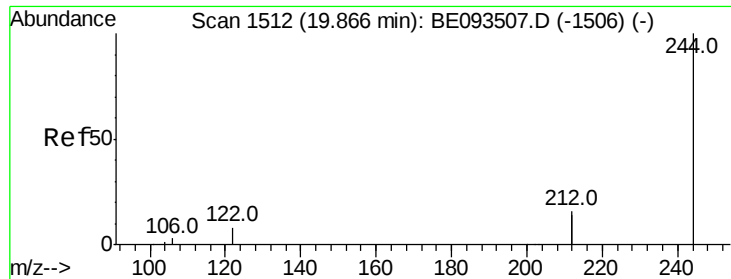
Ion Ratio Lower Upper

202 100

200 0.0 0.0 0.0

203 104.4 13.7 20.5#





#29

Terphenyl-d14

Concen: 0.348 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

Instrument :

BNA_E

ClientSampleId :

3574-PA4

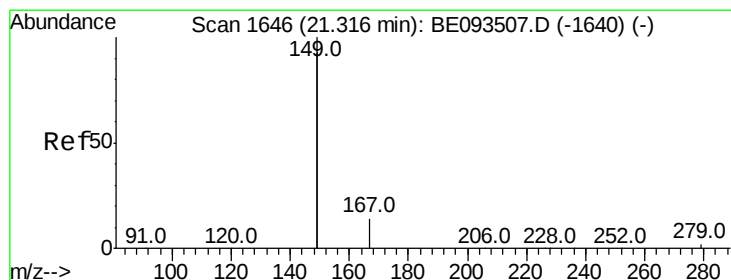
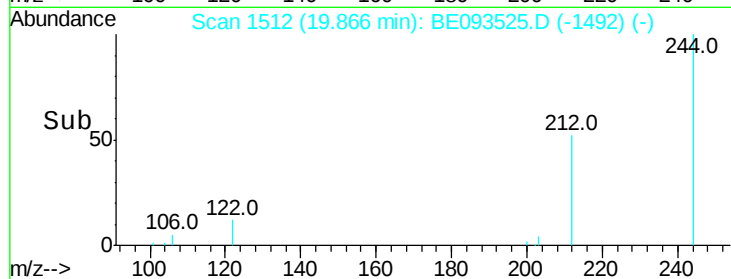
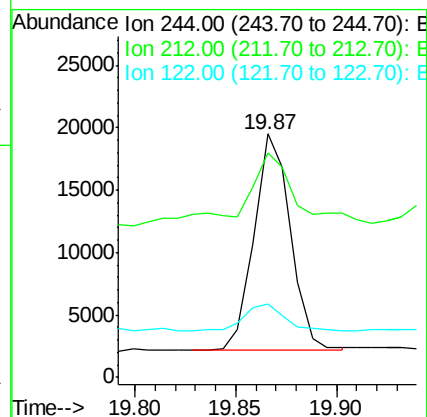
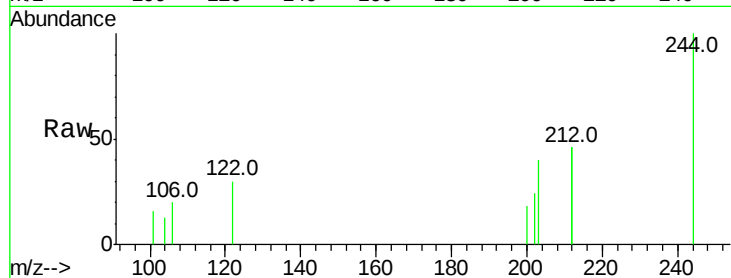
Tot Ion:244 Resp: 21716

Ion Ratio Lower Upper

244 100

212 92.0 10.6 16.0#

122 30.0 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.119 ng

RT: 21.32 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BE093525.D

Acq: 22 Jul 2017 1:30

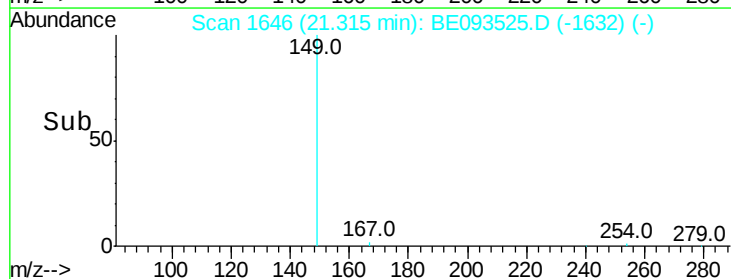
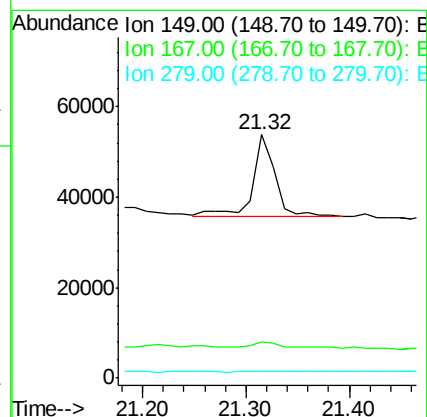
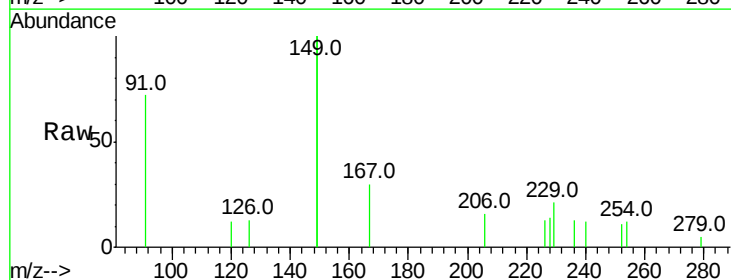
Tgt Ion:149 Resp: 27799

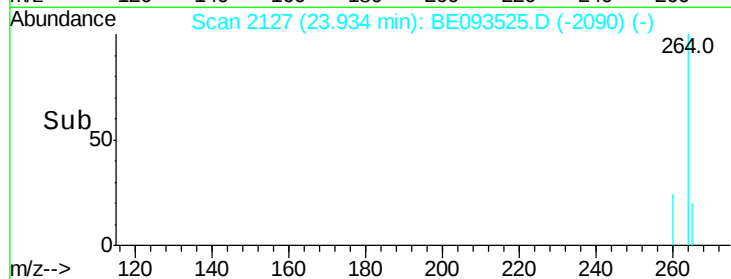
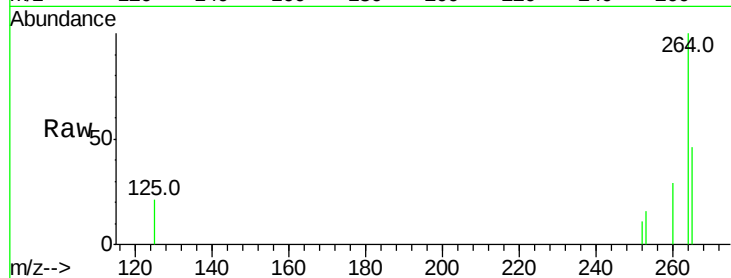
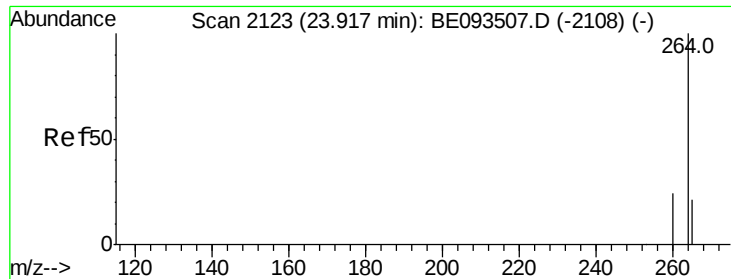
Ion Ratio Lower Upper

149 100

167 5.9 4.8 7.2

279 2.4 0.8 1.2#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. 0.02 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#

