

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094449.D
 Acq On : 19 Oct 2017 15:59
 Operator : SJ/JU
 Sample : I5819-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3903-PP1-DUP

Quant Time: Oct 20 13:24:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

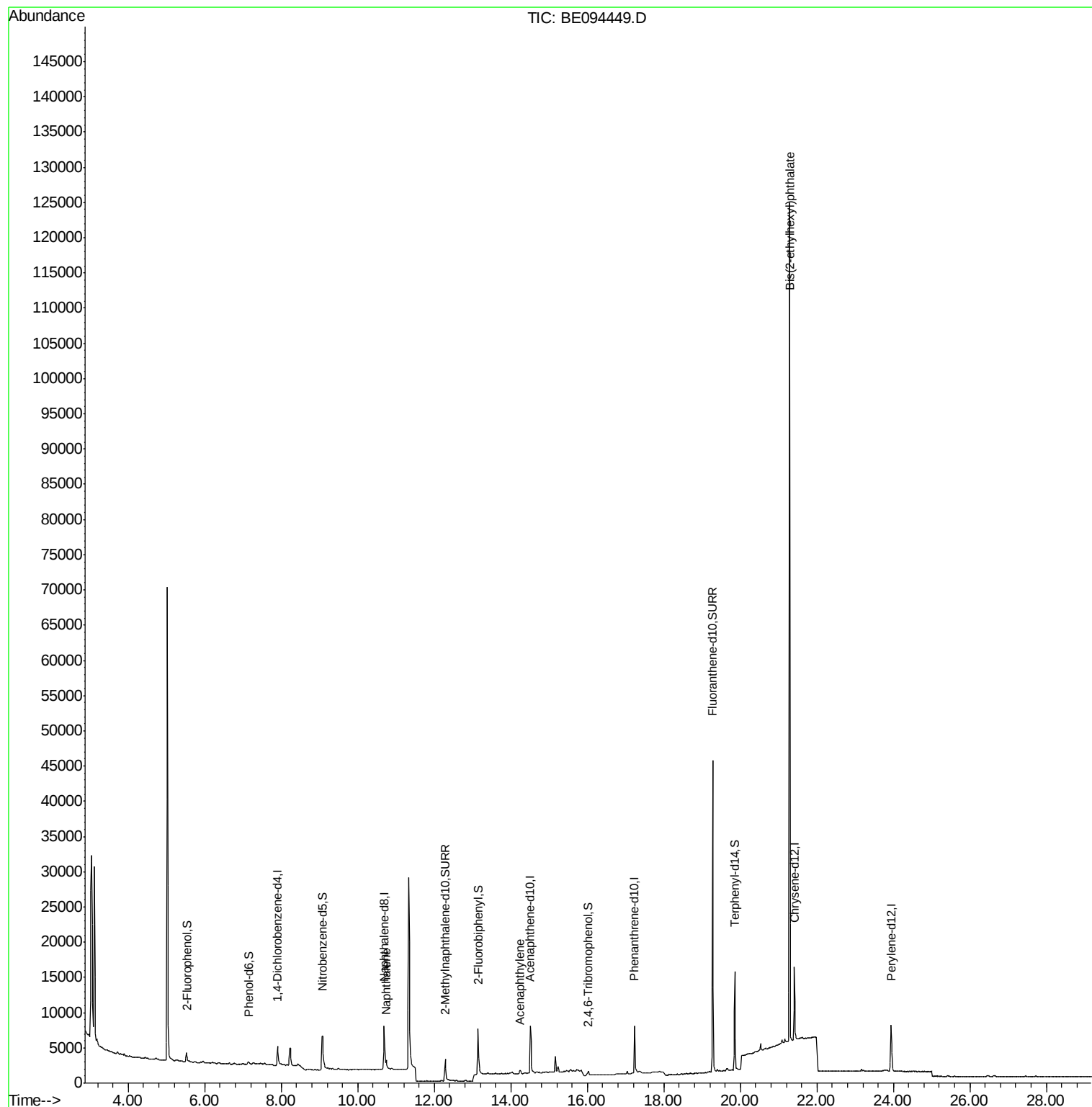
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1502	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	7834	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4630	0.40	ng	-0.01
19) Phenanthrene-d10	17.23	188	12020	0.40	ng	-0.03
27) Chrysene-d12	21.41	240	10458	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9916	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1003	0.20	ng	0.01
5) Phenol-d6	7.14	99	857	0.11	ng	0.01
8) Nitrobenzene-d5	9.08	82	3232	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5799	0.48	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	634	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8710	0.53	ng	0.00
25) Fluoranthene-d10	19.28	212	58221	0.30	ng	-0.01
29) Terphenyl-d14	19.85	244	12625	0.60	ng	-0.01
Target Compounds						
9) Naphthalene	10.74	128	2149	0.025	ng	# 89
16) Acenaphthylene	14.24	152	520	0.021	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.29	149	150580	1.446	ng	100

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

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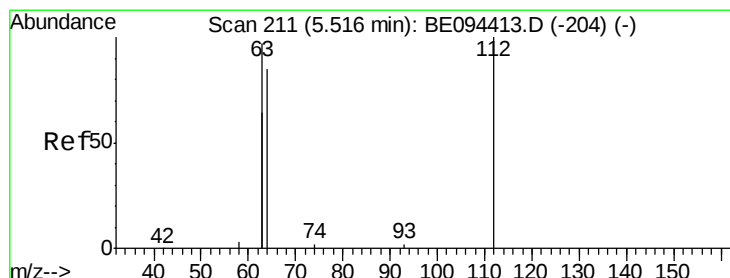
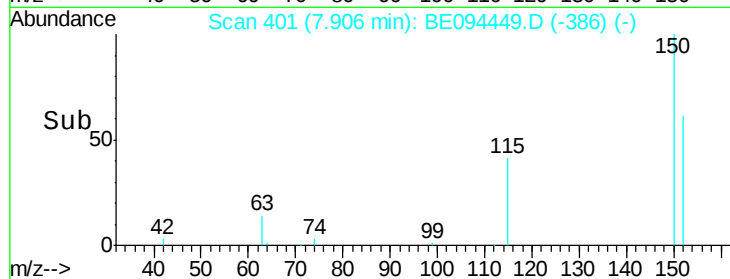
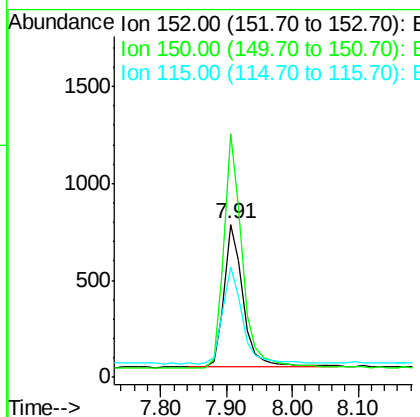
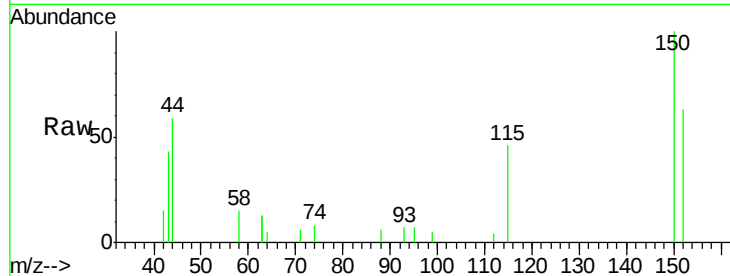




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.91 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BE094449.D
 Acq: 19 Oct 2017 15:59

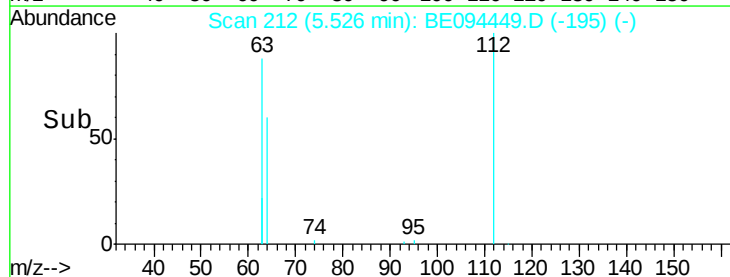
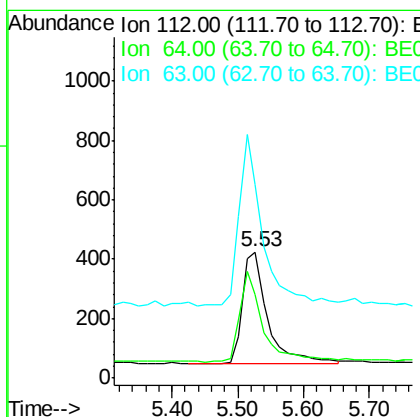
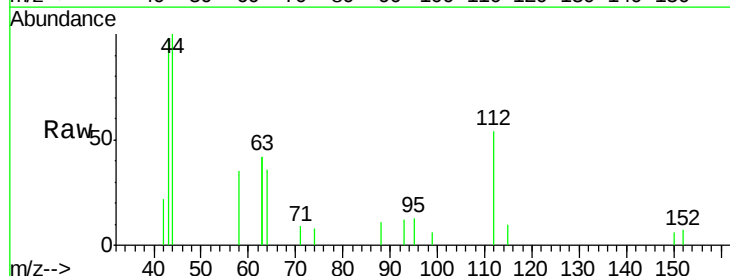
Instrument :
 BNA_E
 ClientSampleId :
 3903-PP1-DUP

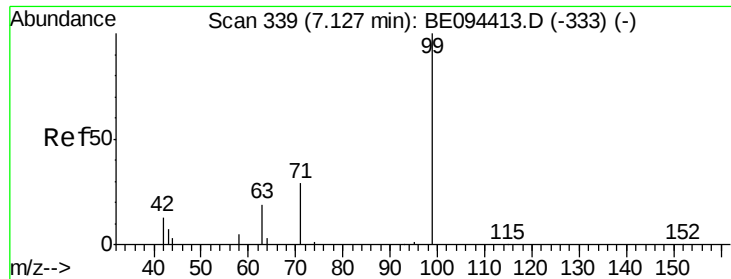
Tgt Ion:152 Resp: 1502
 Ion Ratio Lower Upper
 152 100
 150 159.2 117.2 175.8
 115 72.5 57.0 85.6



#4
 2-Fluorophenol
 Concen: 0.198 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: BE094449.D
 Acq: 19 Oct 2017 15:59

Tgt Ion:112 Resp: 1003
 Ion Ratio Lower Upper
 112 100
 64 74.7 60.1 90.1
 63 139.6 116.8 175.2





#5

Phenol-d6

Concen: 0.108 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

Instrument :

BNA_E

ClientSampleId :

3903-PP1-DUP

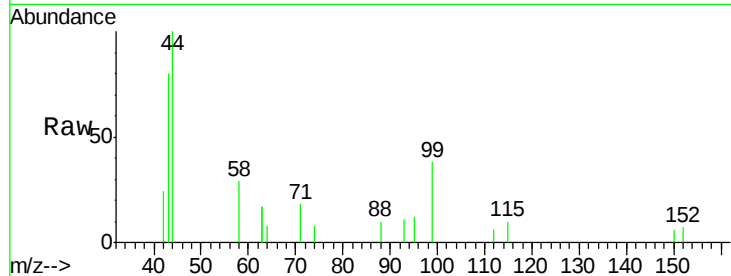
Tgt Ion: 99 Resp: 857

Ion Ratio Lower Upper

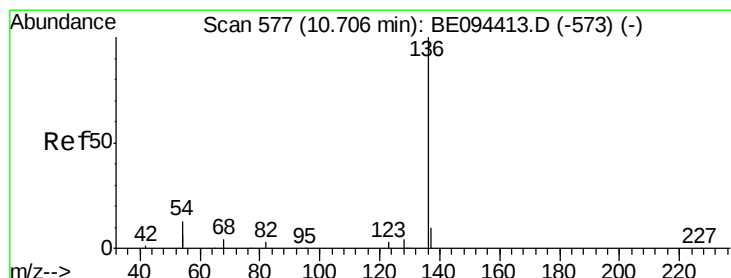
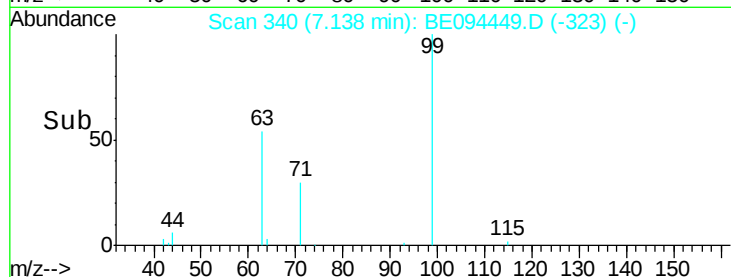
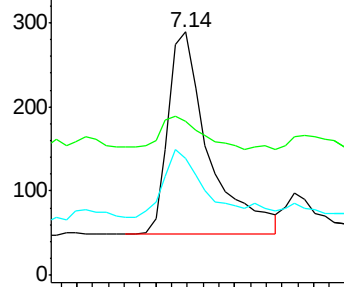
99 100

42 15.6 20.2 30.2#

71 36.4 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

Tgt Ion: 136 Resp: 7834

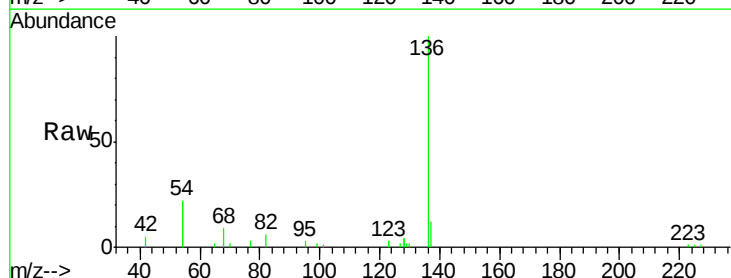
Ion Ratio Lower Upper

136 100

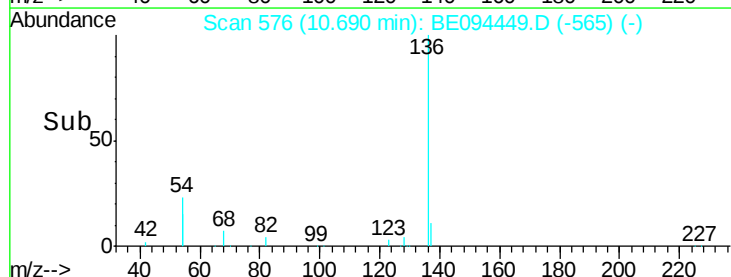
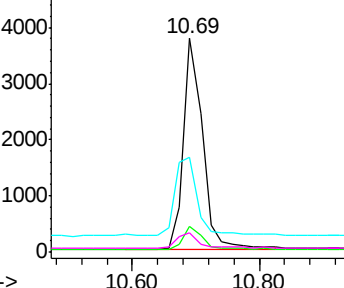
137 12.0 9.5 14.3

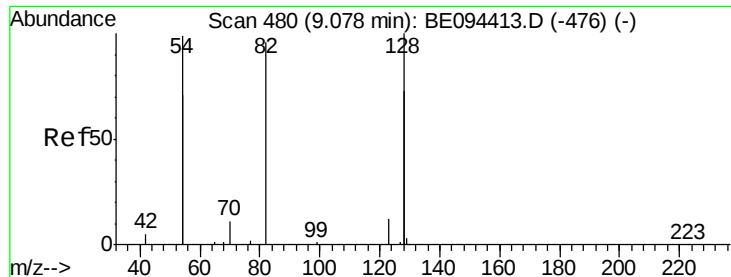
54 44.7 29.1 43.7#

68 9.0 6.2 9.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.475 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

Instrument :

BNA_E

ClientSampleId :

3903-PP1-DUP

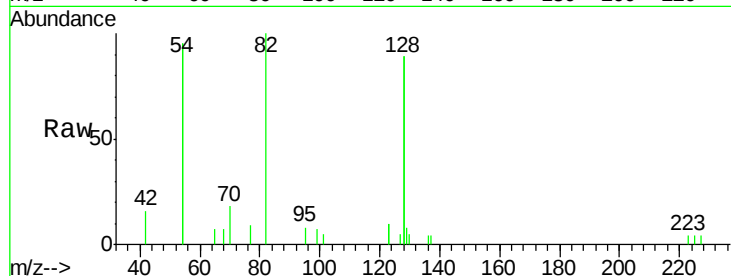
Tgt Ion: 82 Resp: 3232

Ion Ratio Lower Upper

82 100

128 177.8 150.0 225.0

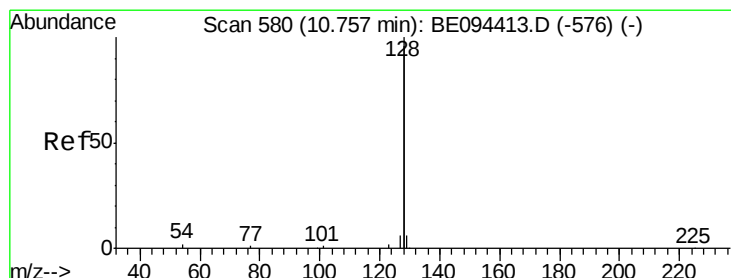
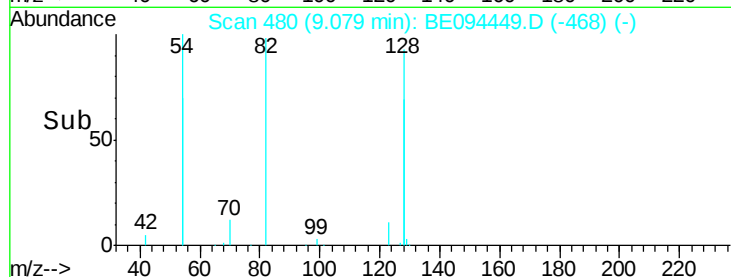
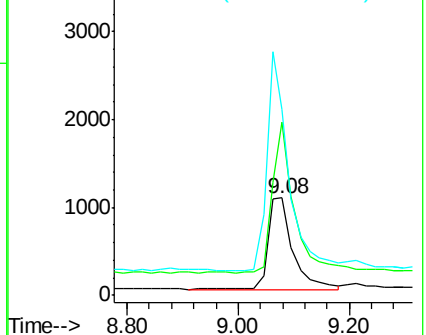
54 190.3 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094413.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE094413.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE094413.D (-476) (-)



#9

Naphthalene

Concen: 0.025 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

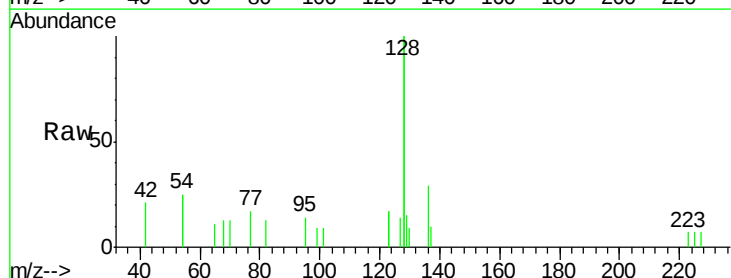
Tgt Ion: 128 Resp: 2149

Ion Ratio Lower Upper

128 100

129 7.4 2.6 3.8#

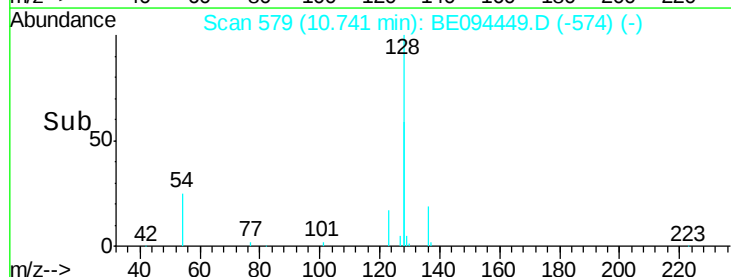
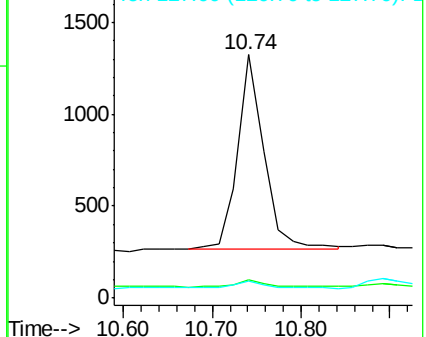
127 6.8 2.8 4.2#

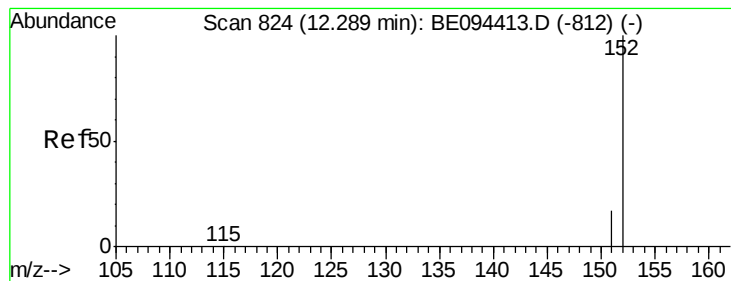


Abundance Ion 128.00 (127.70 to 128.70): BE094413.D (-576) (-)

Ion 129.00 (128.70 to 129.70): BE094413.D (-576) (-)

Ion 127.00 (126.70 to 127.70): BE094413.D (-576) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.480 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.00 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

Instrument :

BNA_E

ClientSampleId :

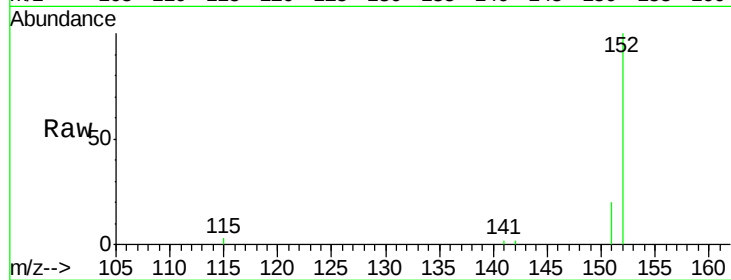
3903-PP1-DUP

Tgt Ion:152 Resp: 5799

Ion Ratio Lower Upper

152 100

151 18.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

2500

2000

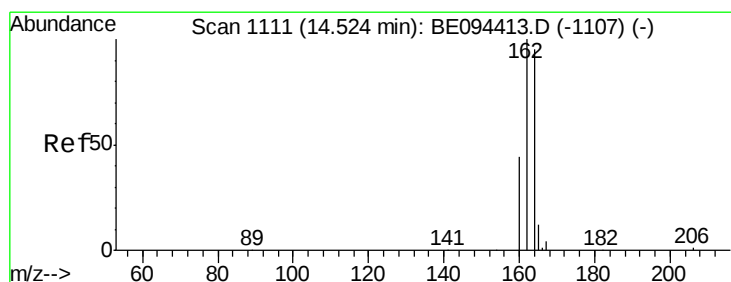
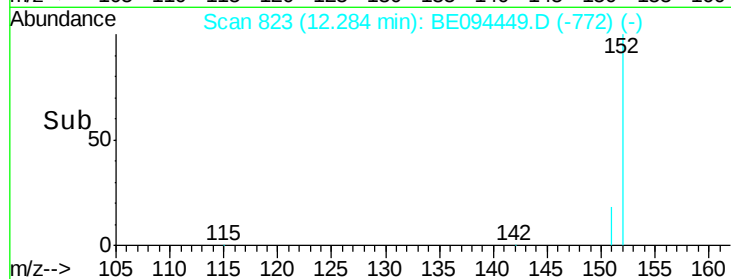
1500

1000

500

0

Time--> 12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

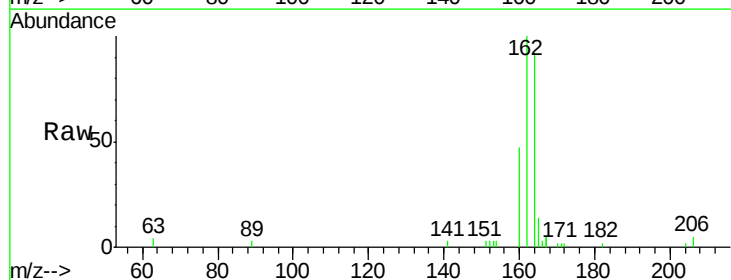
Tgt Ion:164 Resp: 4630

Ion Ratio Lower Upper

164 100

162 108.4 83.1 124.7

160 51.5 37.1 55.7



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

14.51

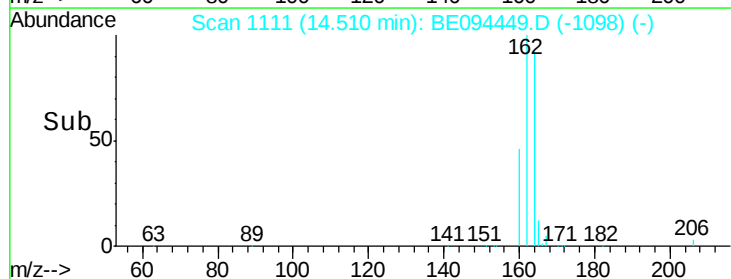
3000

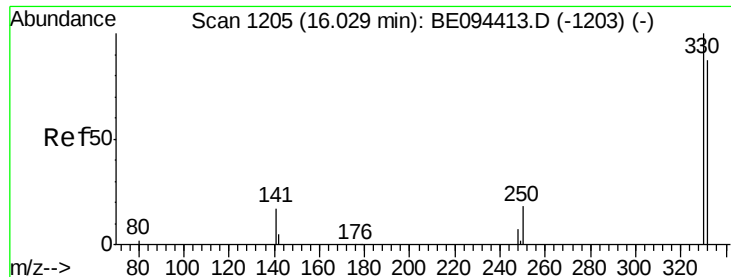
2000

1000

0

Time--> 14.40 14.50 14.60





#14

2,4,6-Tribromophenol

Concen: 0.359 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

Instrument :

BNA_E

ClientSampleId :

3903-PP1-DUP

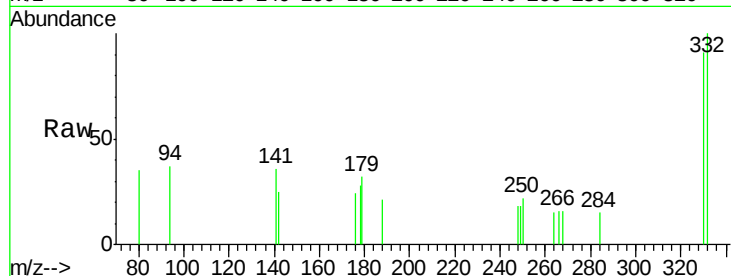
Tgt Ion:330 Resp: 634

Ion Ratio Lower Upper

330 100

332 101.7 152.7 229.1#

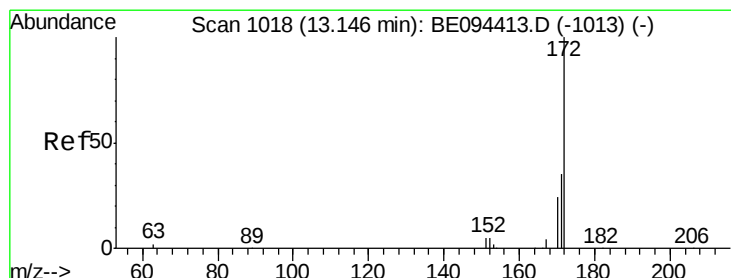
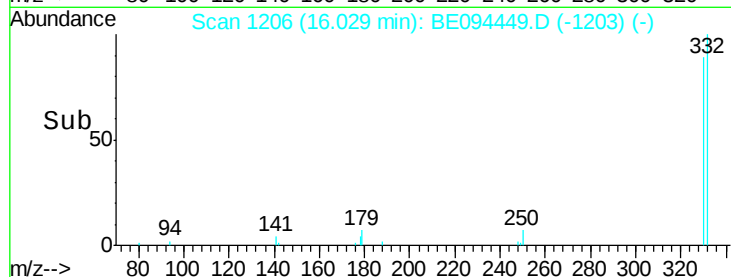
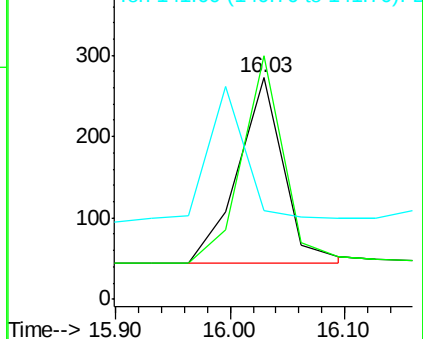
141 0.0 33.7 50.5#



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: 0.527 ng

RT: 13.15 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

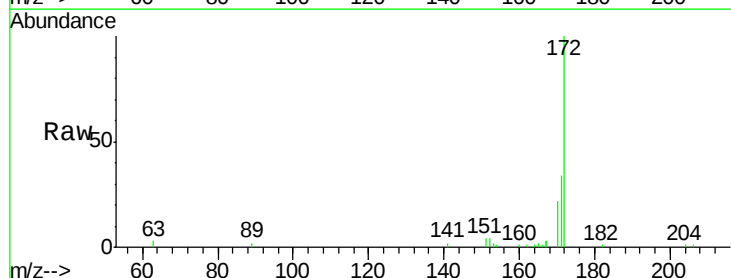
Tgt Ion:172 Resp: 8710

Ion Ratio Lower Upper

172 100

171 33.9 29.9 44.9

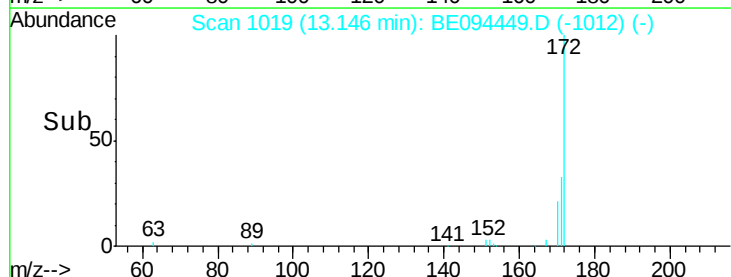
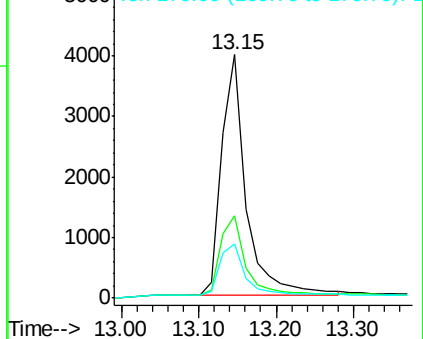
170 22.3 21.8 32.8

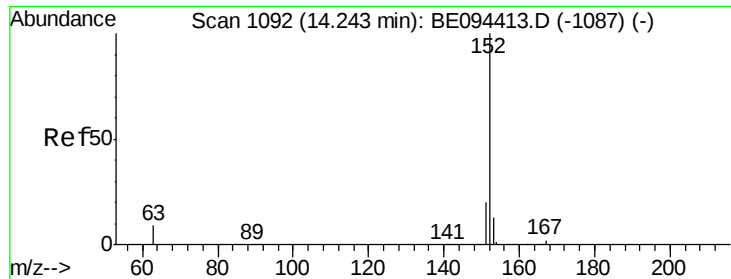


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.021 ng

RT: 14.24 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

Instrument :

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ClientSampleId :

3903-PP1-DUP

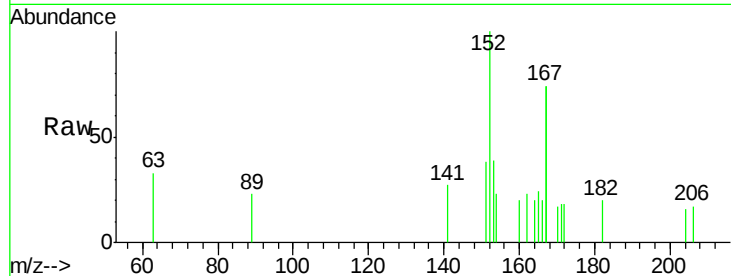
Tgt Ion:152 Resp: 520

Ion Ratio Lower Upper

152 100

151 17.1 15.7 23.5

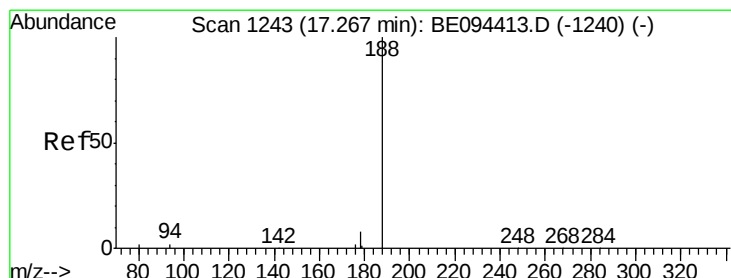
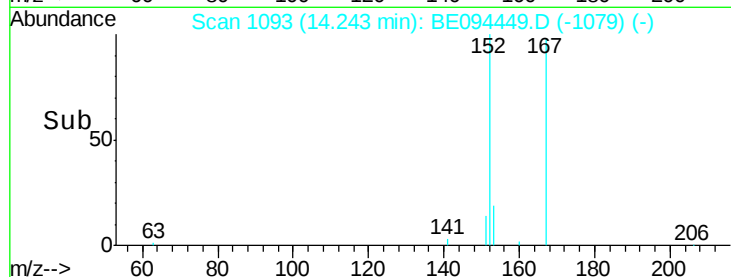
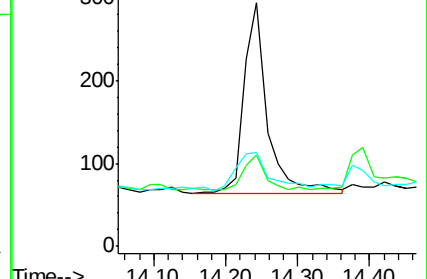
153 30.0 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

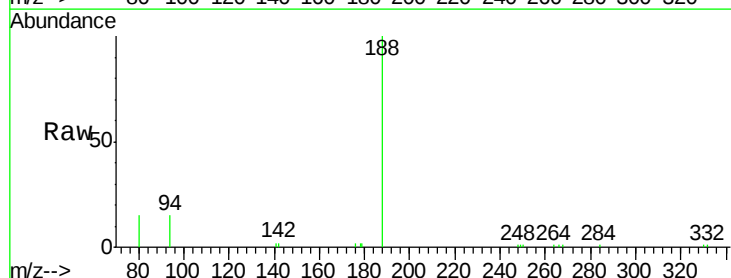
Tgt Ion:188 Resp: 12020

Ion Ratio Lower Upper

188 100

94 14.5 3.9 5.9#

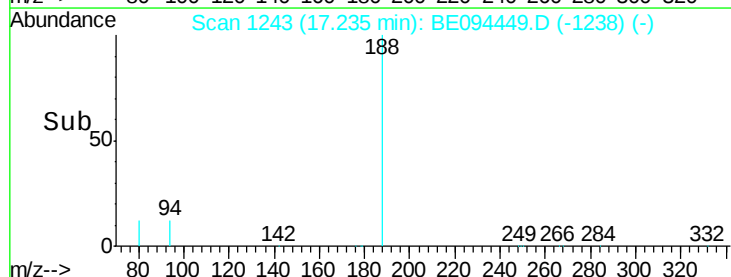
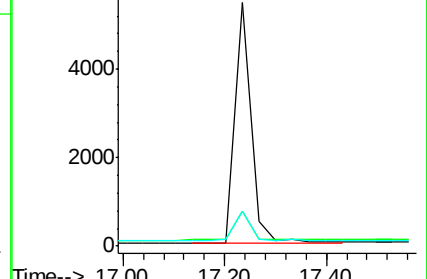
80 14.6 3.6 5.4#

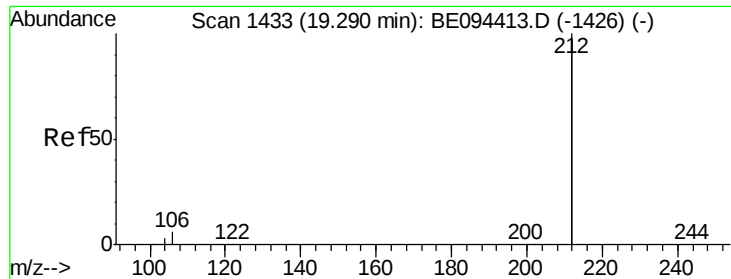


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

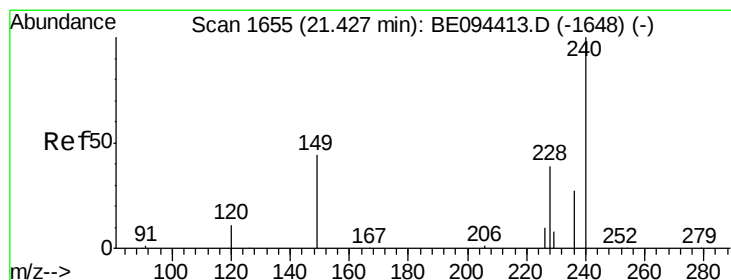
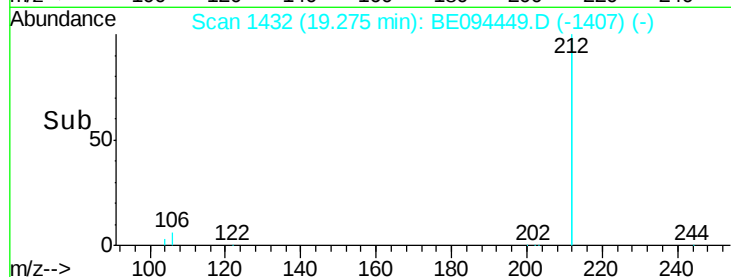
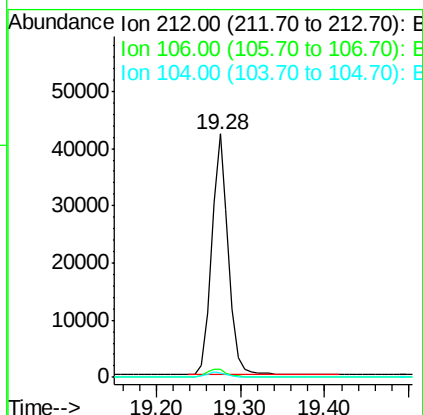
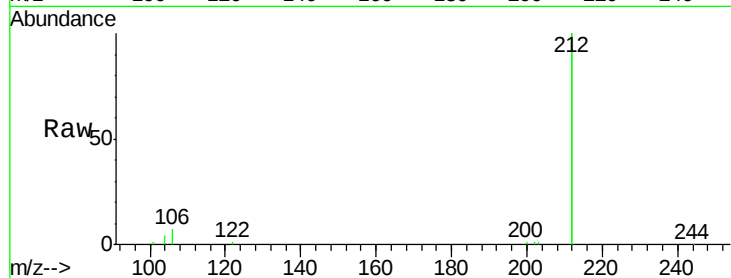




#25
 Fluoranthene-d10
 Concen: 0.301 ng
 RT: 19.28 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE094449.D
 Acq: 19 Oct 2017 15:59

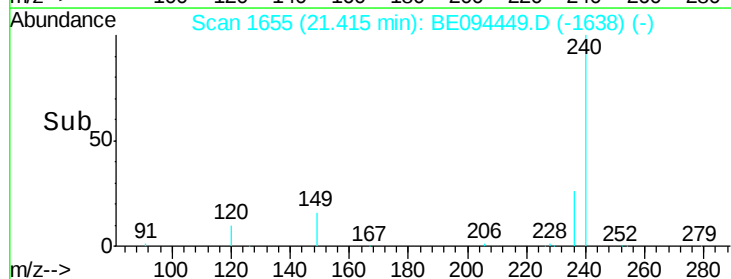
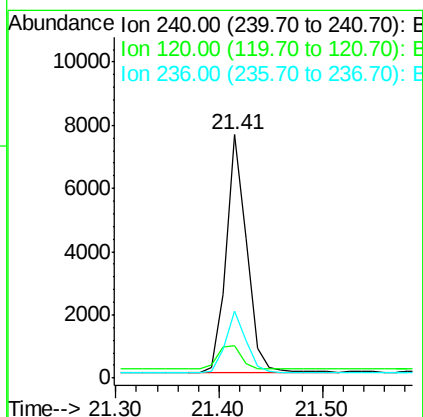
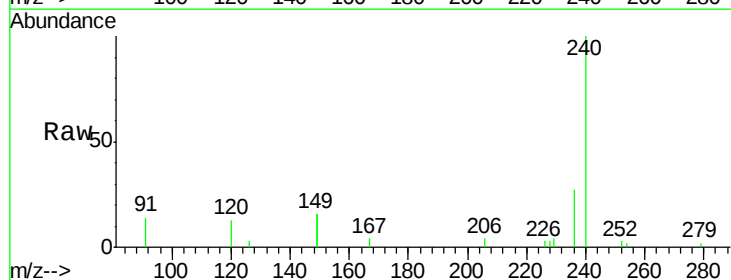
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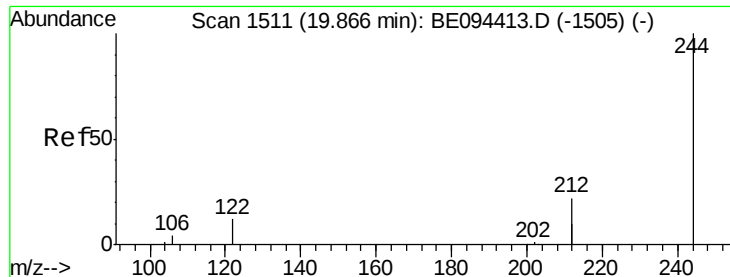
Tgt Ion: 212 Resp: 58221
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094449.D
 Acq: 19 Oct 2017 15:59

Tgt Ion: 240 Resp: 10458
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.5 8.3#
 236 27.3 20.7 31.1

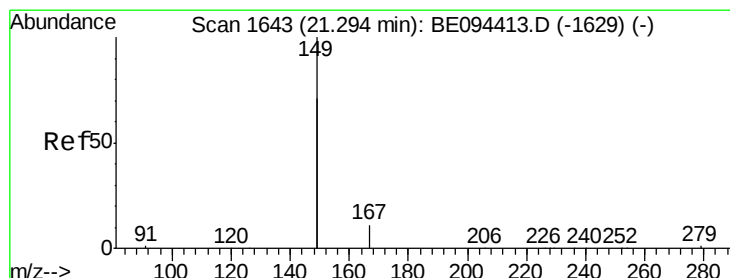
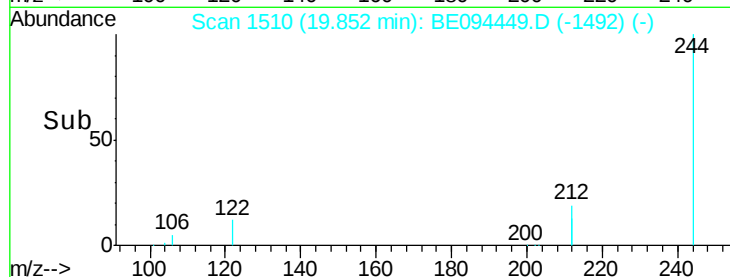
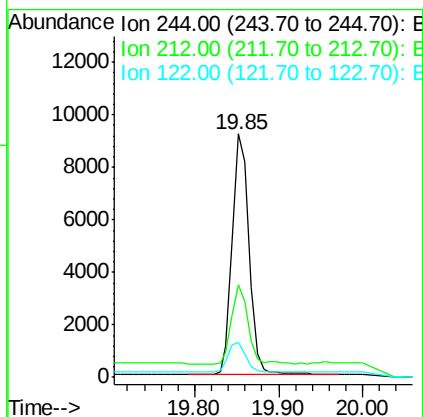
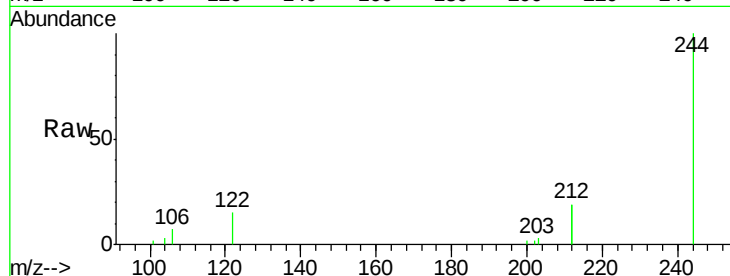




#29
 Terphenyl-d14
 Concen: 0.598 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BE094449.D
 Acq: 19 Oct 2017 15:59

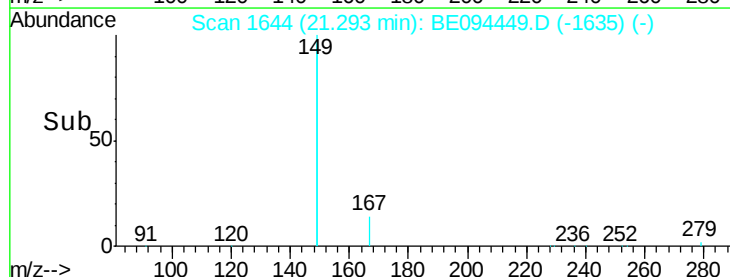
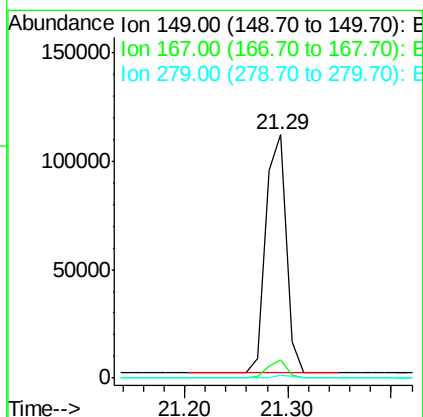
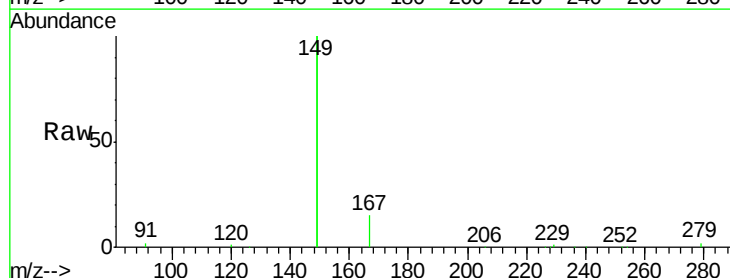
Instrument :
 BNA_E
 ClientSampleId :
 3903-PP1-DUP

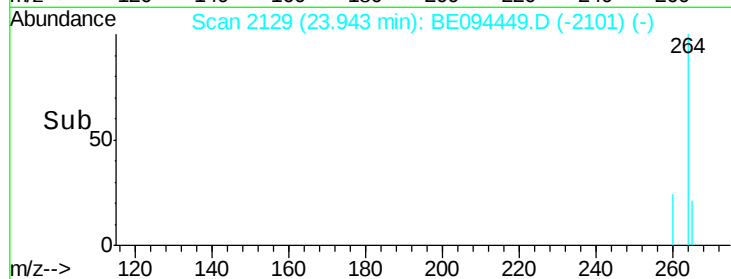
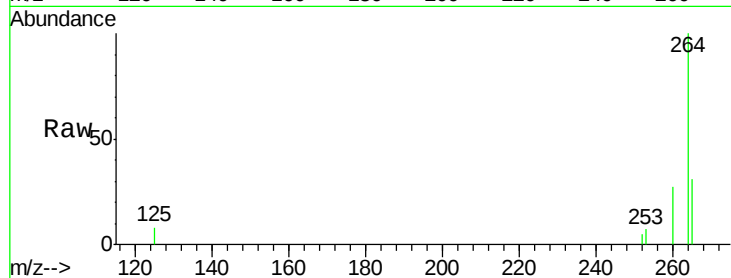
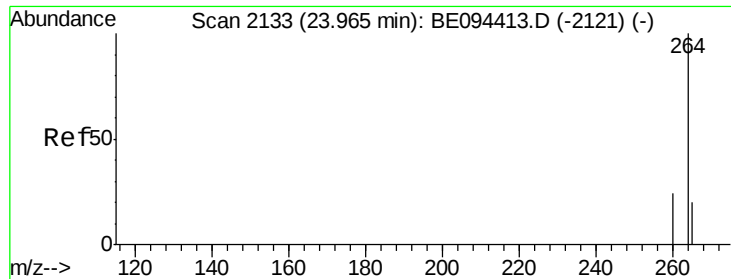
Tgt Ion: 244 Resp: 12625
 Ion Ratio Lower Upper
 244 100
 212 38.1 25.4 38.0#
 122 14.6 8.1 12.1#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.446 ng
 RT: 21.29 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BE094449.D
 Acq: 19 Oct 2017 15:59

Tgt Ion: 149 Resp: 150580
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 0.9 0.7 1.1





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BE094449.D

Acq: 19 Oct 2017 15:59

Instrument :

BNA_E

ClientSampleId :

3903-PP1-DUP

Tgt Ion: 264 Resp: 9916

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 31.2 22.8 34.2

