

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101217\
 Data File : BE094316.D
 Acq On : 12 Oct 2017 17:08
 Operator : SJ/JU
 Sample : PB103176BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 22:40:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	82998	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	423044	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	224471	0.40	ng	0.02
19) Phenanthrene-d10	17.24	188	326362	0.40	ng	0.00
27) Chrysene-d12	21.43	240	476524	0.40	ng	0.02
34) Perylene-d12	23.96	264	469436	0.40	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	726739	2.63	ng	0.01
5) Phenol-d6	7.11	99	1072537	2.67	ng	0.02
8) Nitrobenzene-d5	9.06	82	678614	1.93	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	30	0.00	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	202233	2.07	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	1327570	1.73	ng	0.02
25) Fluoranthene-d10	19.30	212	88	0.00	ng	0.03
29) Terphenyl-d14	19.87	244	1450593	1.61	ng	0.01

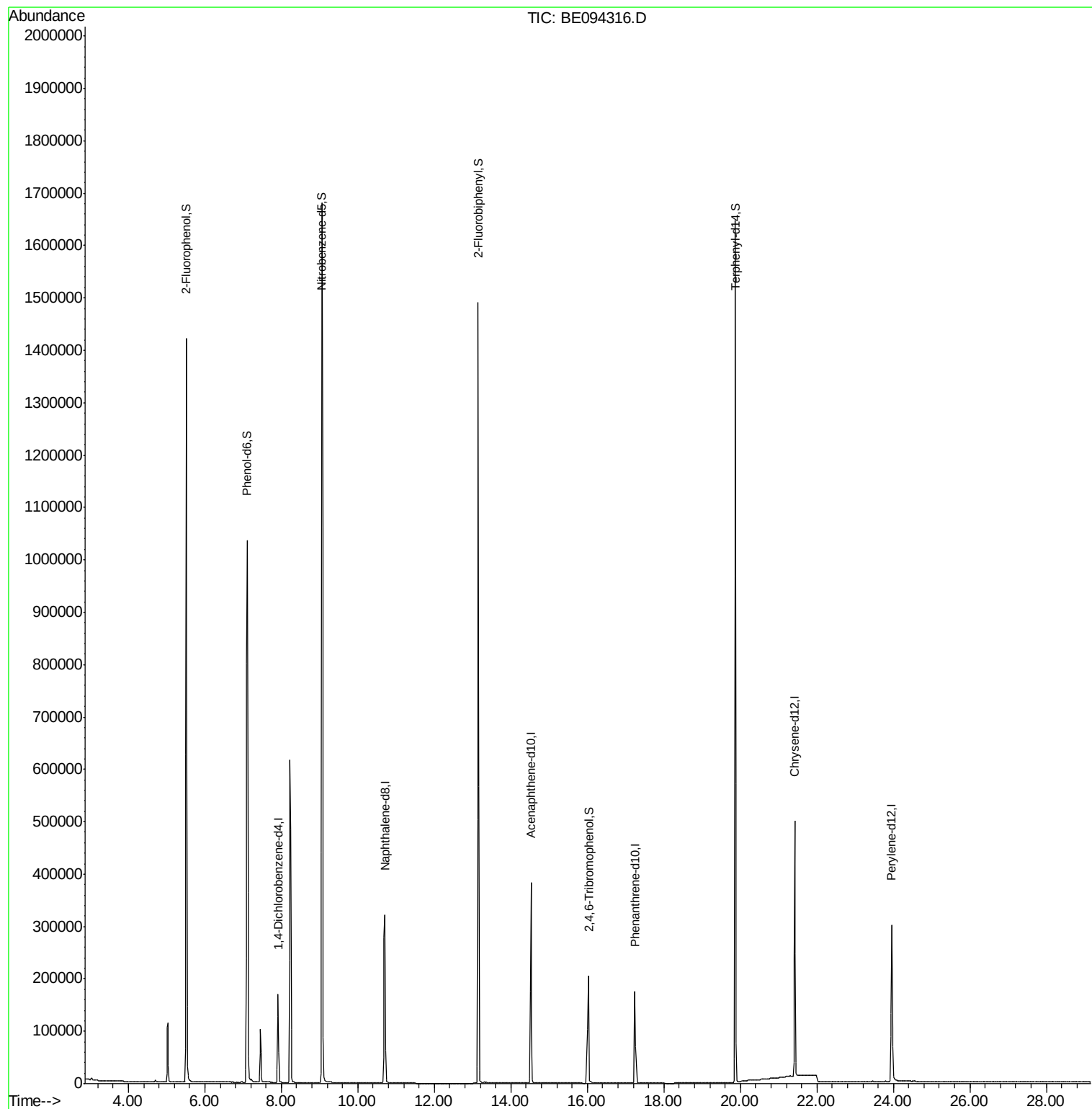
Target Compounds Qvalue

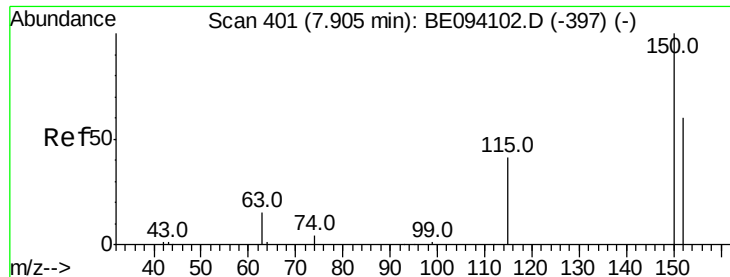
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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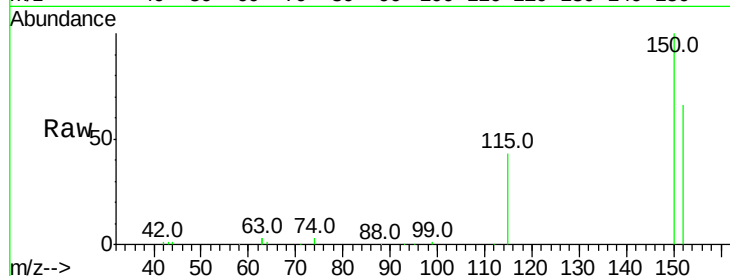


#1

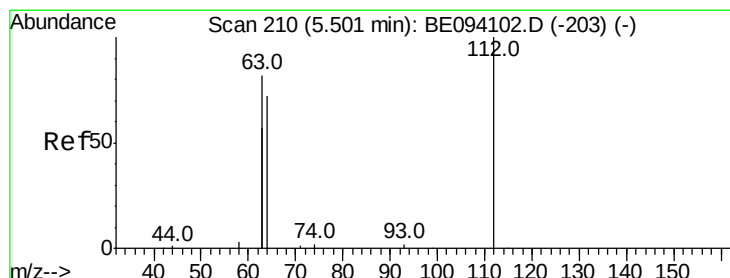
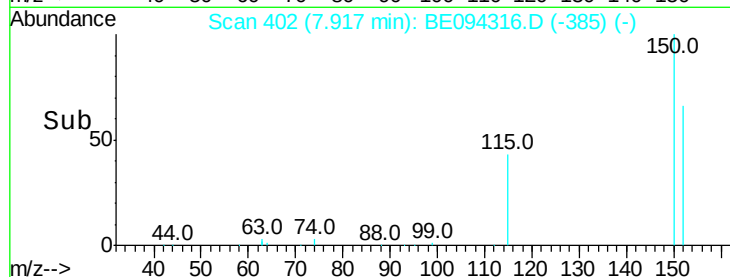
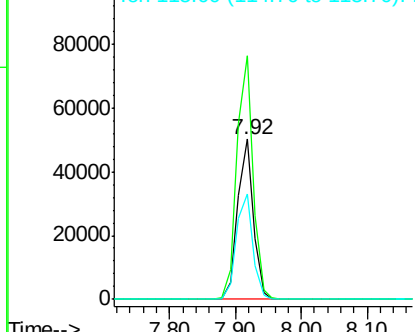
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.01 min
Lab File: BE094316.D
Acq: 12 Oct 2017 17:08

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 82998
Ion Ratio Lower Upper
152 100
150 152.0 117.2 175.8
115 65.7 57.0 85.6



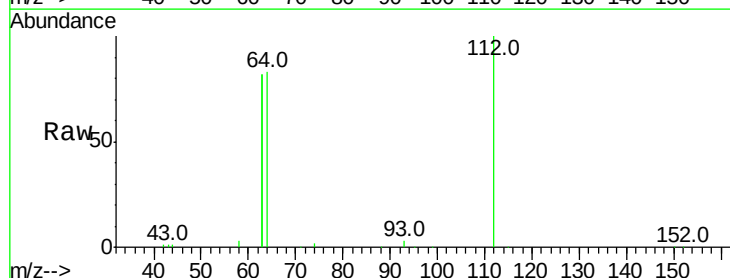
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



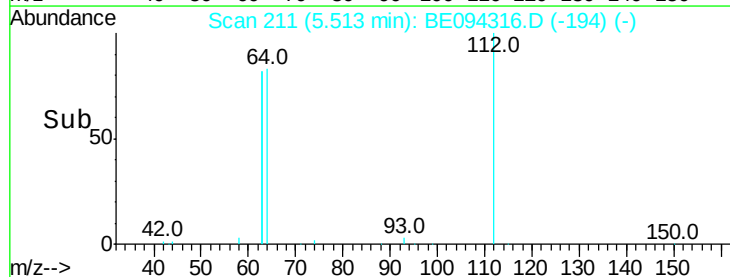
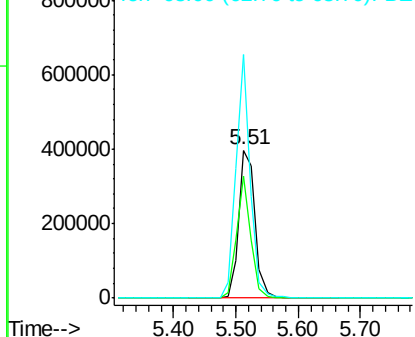
#4

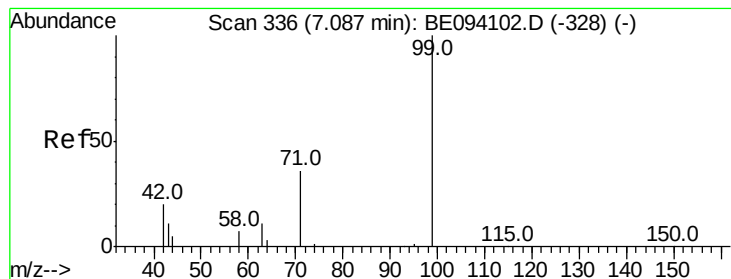
2-Fluorophenol
Concen: 2.628 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.01 min
Lab File: BE094316.D
Acq: 12 Oct 2017 17:08

Tgt Ion:112 Resp: 726739
Ion Ratio Lower Upper
112 100
64 72.1 60.1 90.1
63 143.9 116.8 175.2



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: 2.675 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.02 min

Lab File: BE094316.D

Acq: 12 Oct 2017 17:08

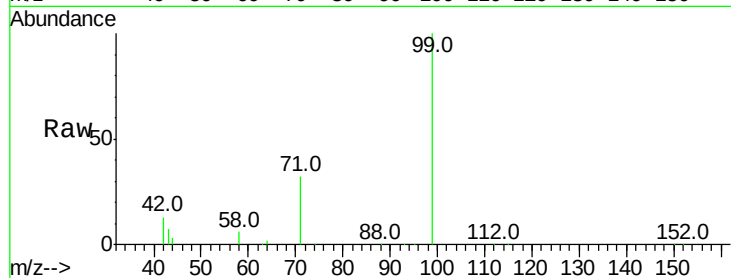
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 1072537

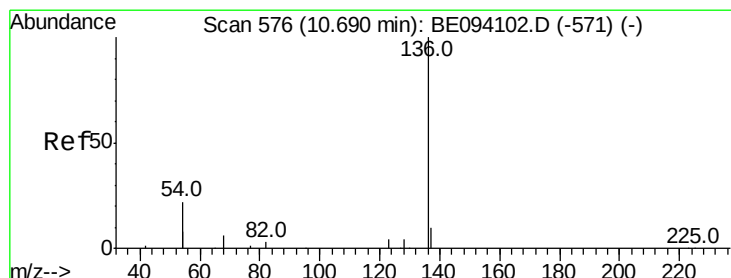
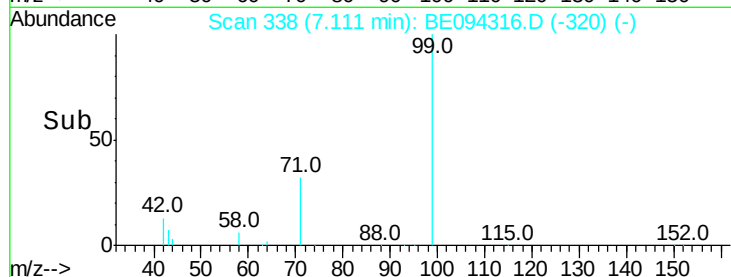
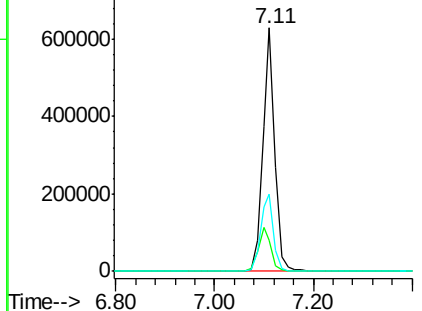
Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.2	30.2#
71	34.2	28.4	42.6



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: 10.71 min Scan# 577

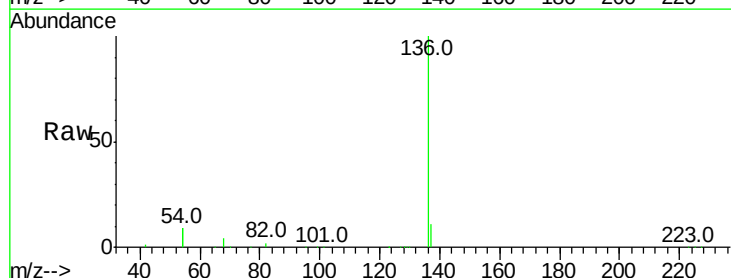
Delta R.T. 0.02 min

Lab File: BE094316.D

Acq: 12 Oct 2017 17:08

Tgt Ion: 136 Resp: 423044

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	18.5	29.1	43.7#
68	4.0	6.2	9.2#

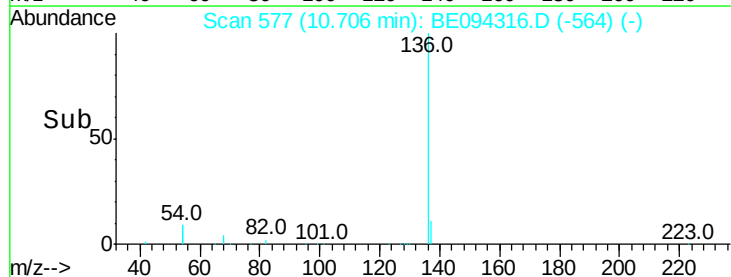
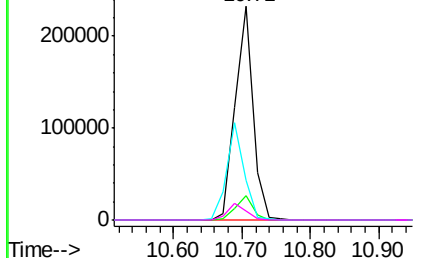


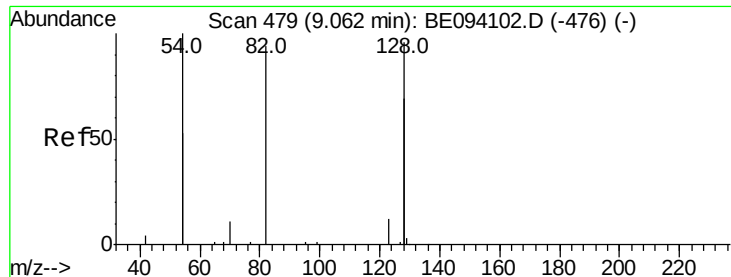
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.927 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094316.D

Acq: 12 Oct 2017 17:08

Instrument :

BNA_E

ClientSampleId :

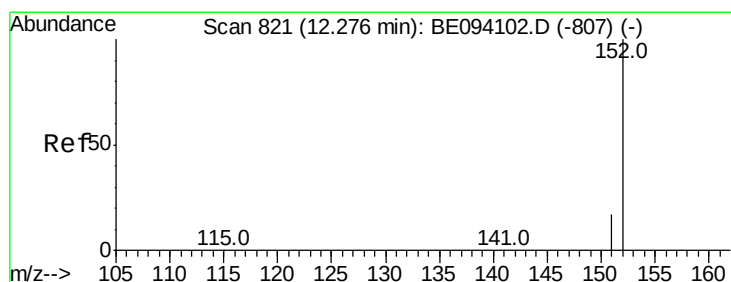
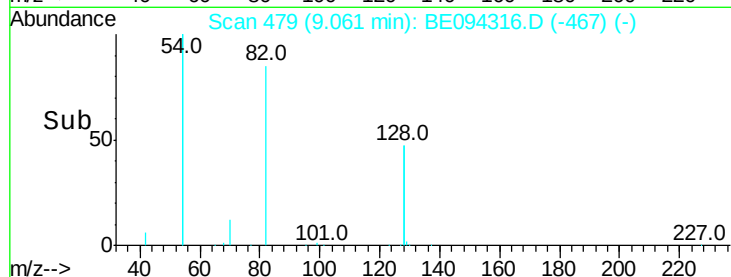
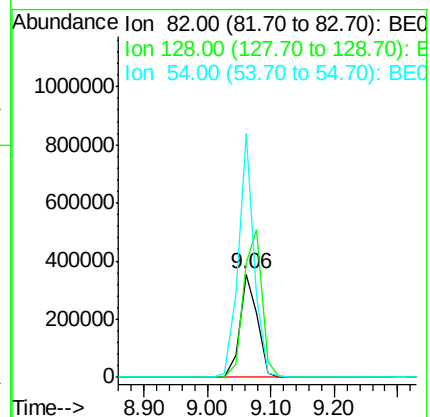
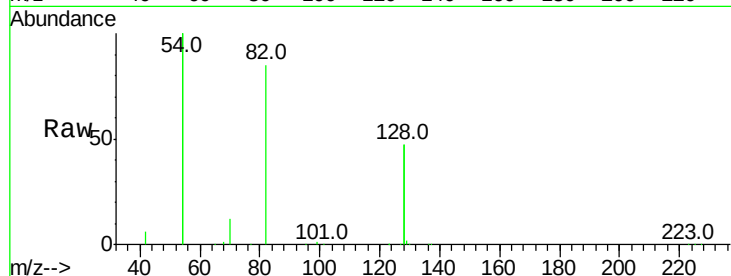
Tot Ion: 82 Resp: 678614

Ion Ratio Lower Upper

82 100

128 110.8 150.0 225.0#

54 235.3 154.2 231.4#



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.02 min

Lab File: BE094316.D

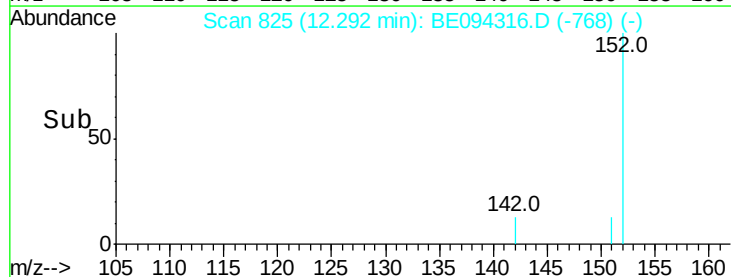
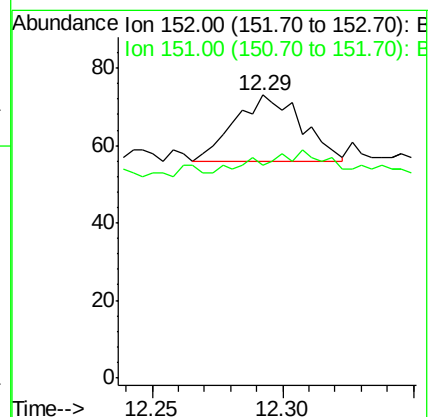
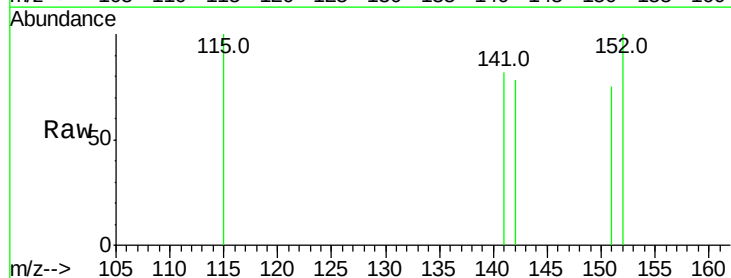
Acq: 12 Oct 2017 17:08

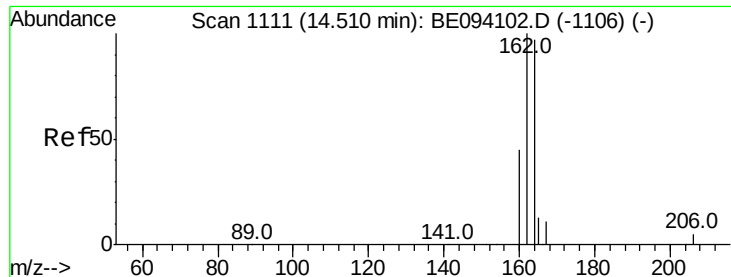
Tgt Ion: 152 Resp: 30

Ion Ratio Lower Upper

152 100

151 13.3 15.4 23.0#

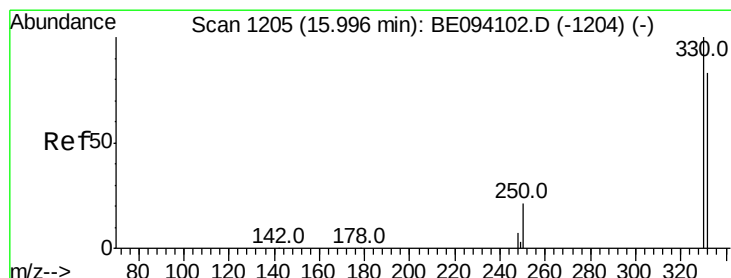
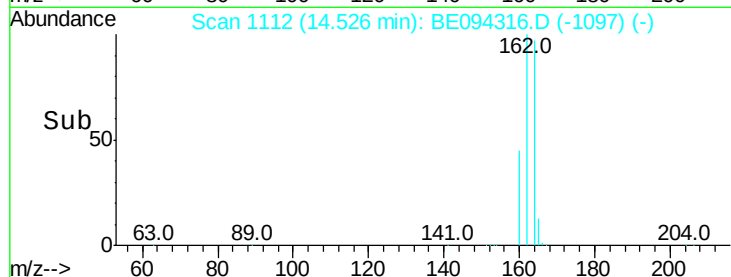
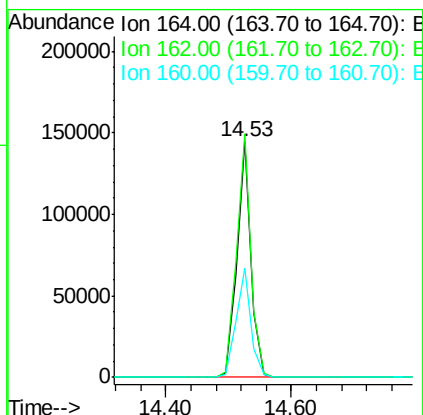
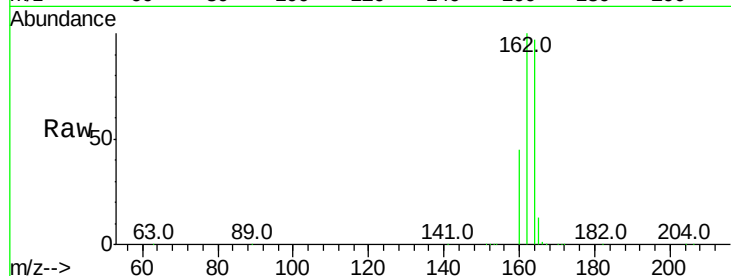




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.02 min
 Lab File: BE094316.D
 Acq: 12 Oct 2017 17:08

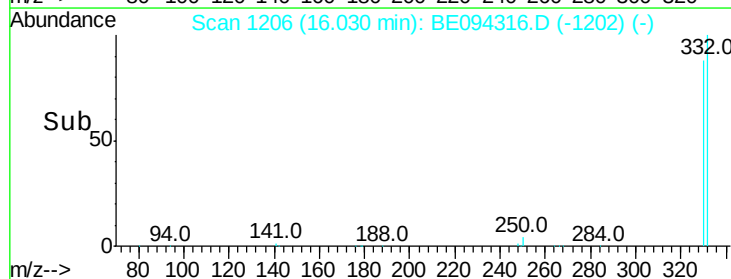
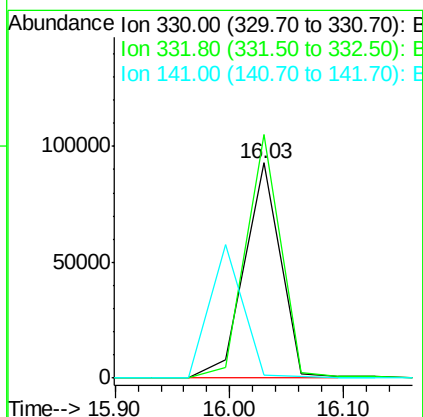
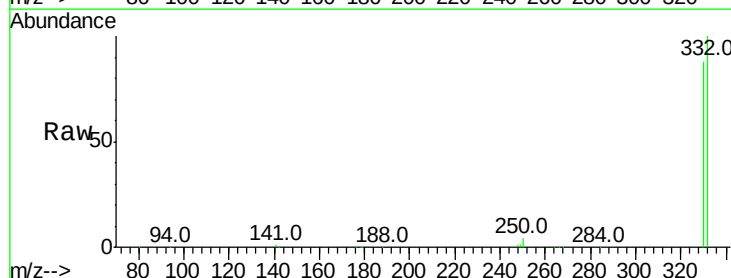
Instrument :
 BNA_E
 ClientSampleId :

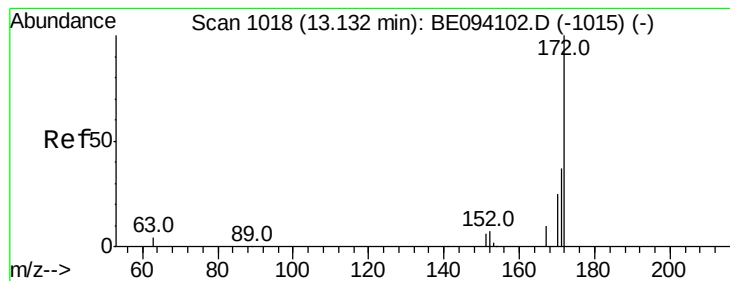
Tot Ion:164 Resp: 224471
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.1 124.7
 160 46.4 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 2.072 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.03 min
 Lab File: BE094316.D
 Acq: 12 Oct 2017 17:08

Tgt Ion:330 Resp: 202233
 Ion Ratio Lower Upper
 330 100
 332 108.7 152.7 229.1#
 141 0.0 33.7 50.5#

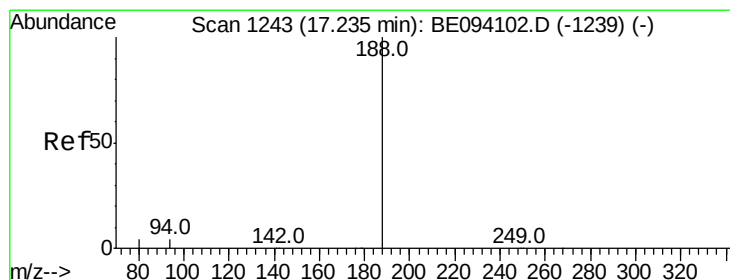
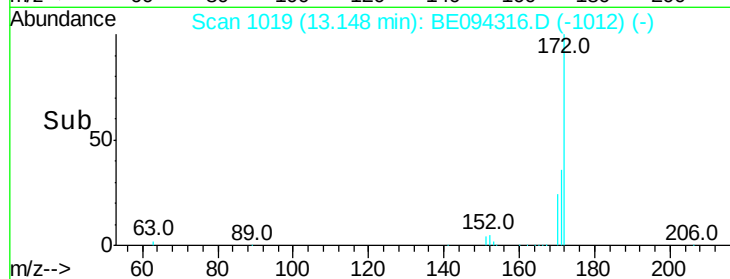
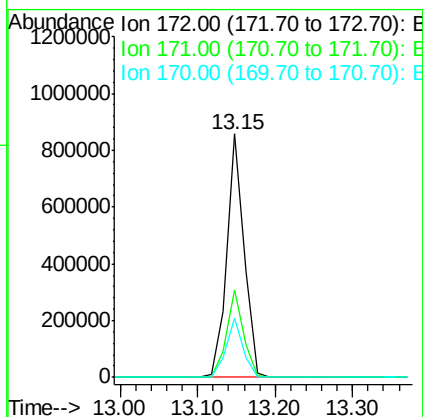
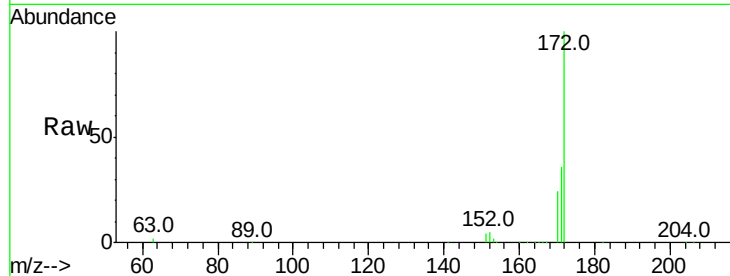




#15
2-Fluorobiphenyl
Concen: 1.726 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094316.D
Acq: 12 Oct 2017 17:08

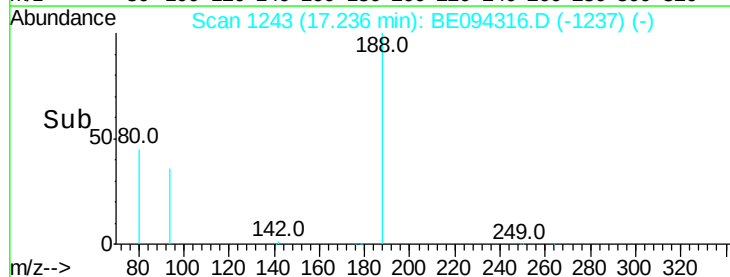
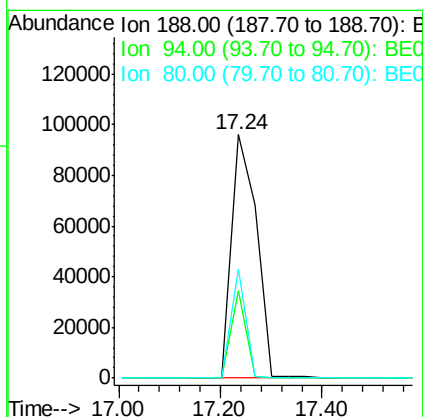
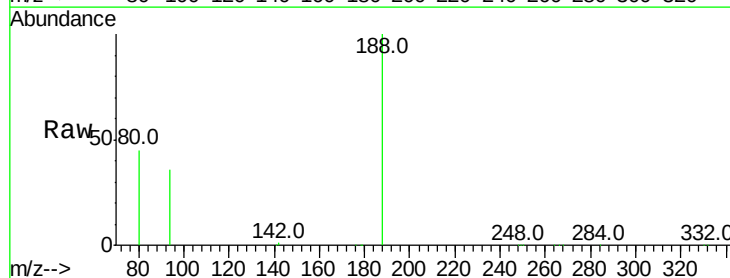
Instrument :
BNA_E
ClientSampleId :

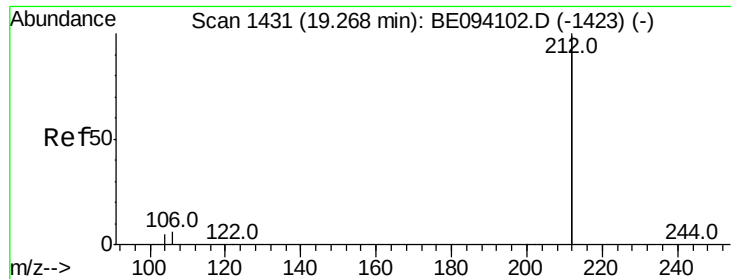
Tot Ion:172 Resp: 1327570
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 24.2 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094316.D
Acq: 12 Oct 2017 17:08

Tgt Ion:188 Resp: 326362
Ion Ratio Lower Upper
188 100
94 36.1 3.9 5.9#
80 44.9 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.03 min

Lab File: BE094316.D

Acq: 12 Oct 2017 17:08

Instrument :

BNA_E

ClientSampleId :

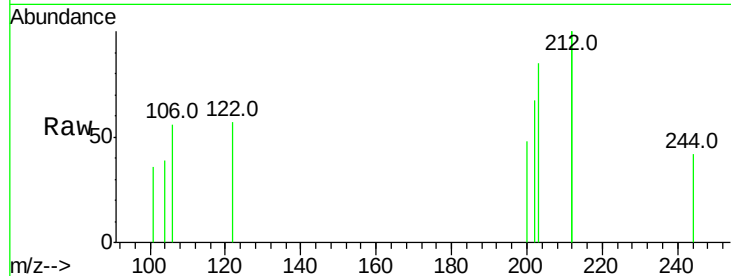
Tot Ion:212 Resp: 88

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

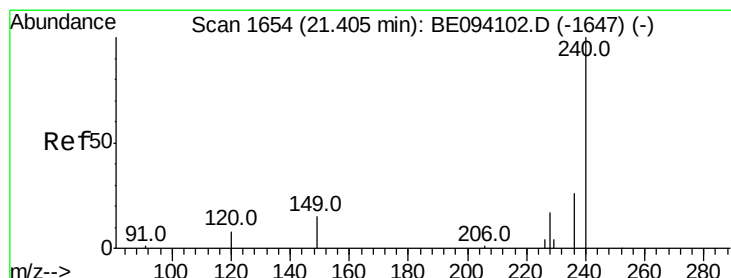
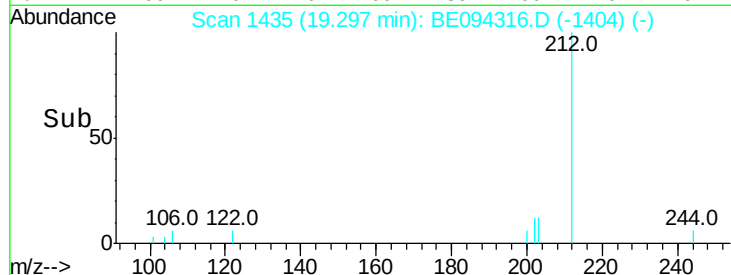
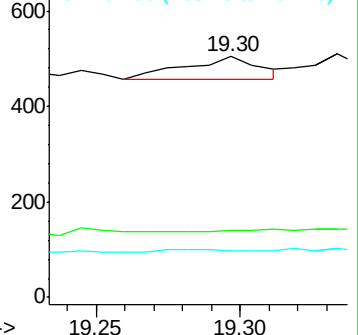
104 13.6 1.6 2.4#



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: 21.43 min Scan# 1656

Delta R.T. 0.02 min

Lab File: BE094316.D

Acq: 12 Oct 2017 17:08

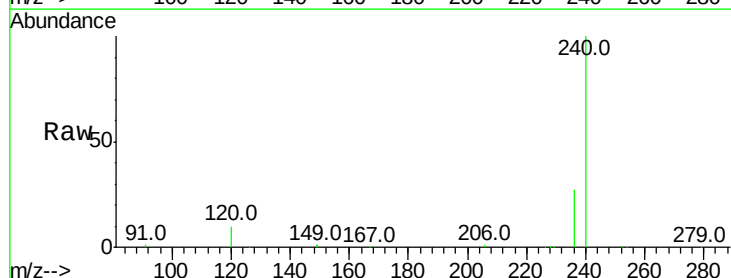
Tgt Ion:240 Resp: 476524

Ion Ratio Lower Upper

240 100

120 9.9 5.5 8.3#

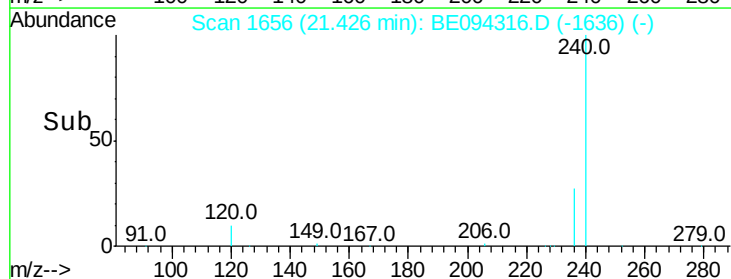
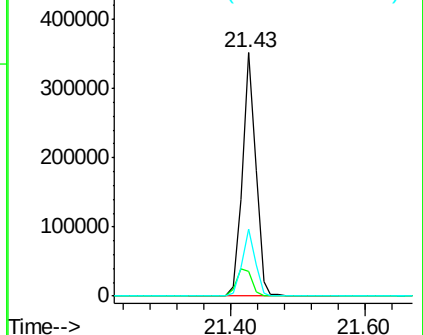
236 27.3 20.7 31.1

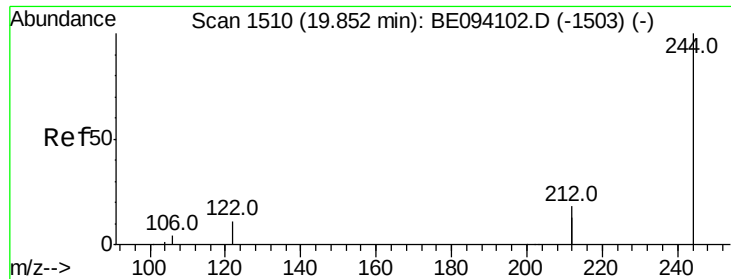


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

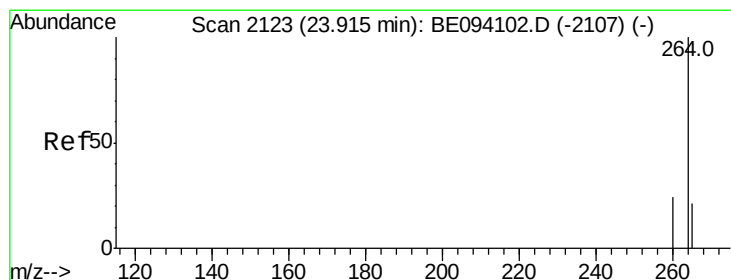
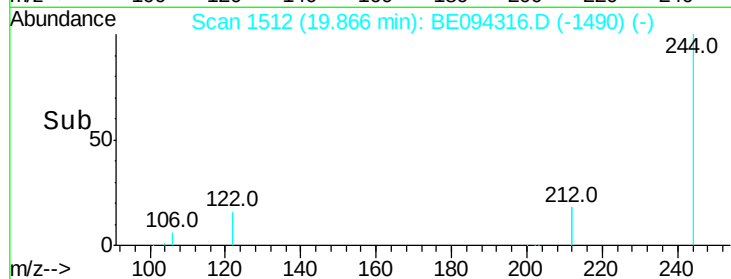
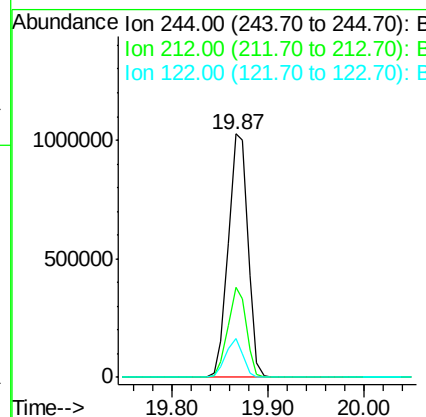
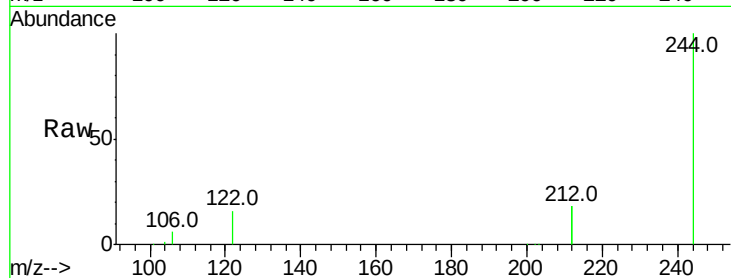




#29
 Terphenyl-d14
 Concen: 1.612 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BE094316.D
 Acq: 12 Oct 2017 17:08

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 1450593
 Ion Ratio Lower Upper
 244 100
 212 36.9 25.4 38.0
 122 15.8 8.1 12.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2132
 Delta R.T. 0.04 min
 Lab File: BE094316.D
 Acq: 12 Oct 2017 17:08

Tgt Ion:264 Resp: 469436
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.5 30.7
 265 21.9 22.8 34.2#

