

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100317\
 Data File : BE094160.D
 Acq On : 3 Oct 2017 18:35
 Operator : SJ/JU
 Sample : PB102812BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 07:40:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 13:57:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1530	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	7357	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	4485	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	17054	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14023	0.40	ng	0.00
34) Perylene-d12	23.91	264	13410	0.40	ng	0.00

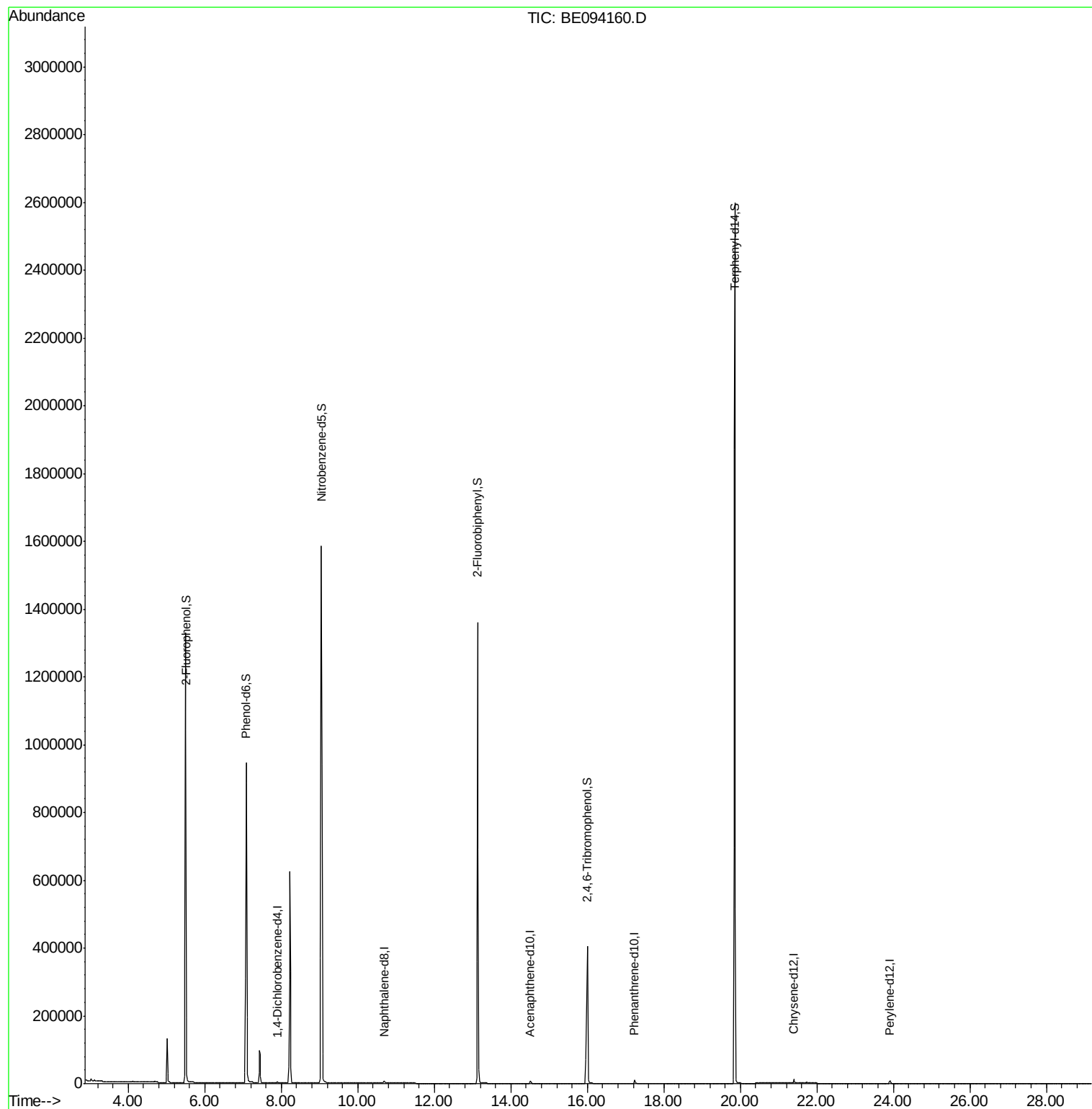
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.50	112	674554	116.30	ng	0.00
5) Phenol-d6	7.09	99	986125	122.40	ng	0.00
8) Nitrobenzene-d5	9.04	82	601564	84.50	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	2	0.00	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	377968	162.39	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	1244510	83.98	ng	0.00
25) Fluoranthene-d10	19.27	212	21	0.00	ng	0.00
29) Terphenyl-d14	19.85	244	2218097	86.70	ng	0.00

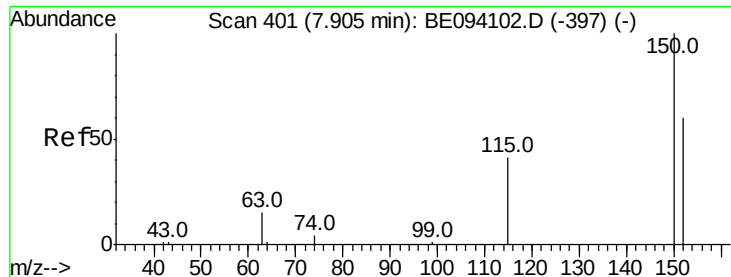
Target Compounds	Qvalue

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

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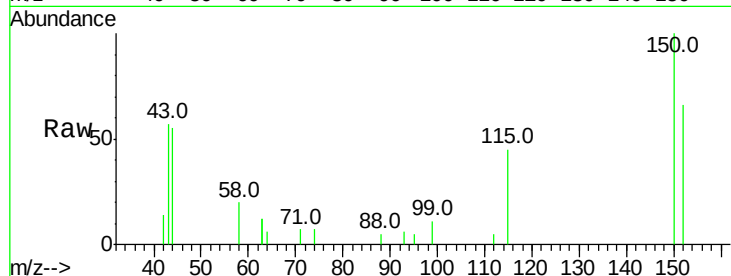




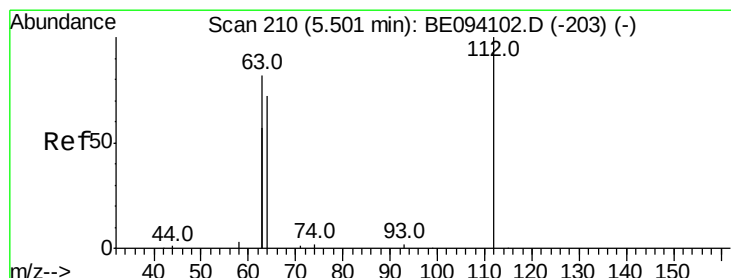
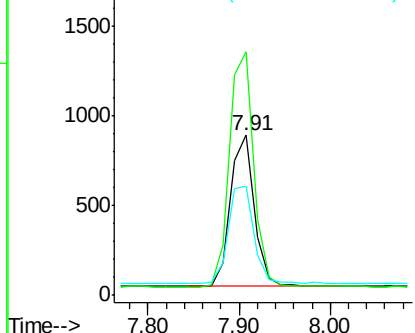
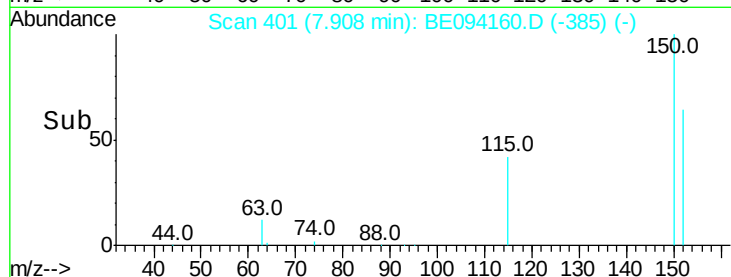
#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tot Ion:152 Resp: 1530
Ion Ratio Lower Upper
152 100
150 152.0 117.2 175.8
115 68.5 57.0 85.6



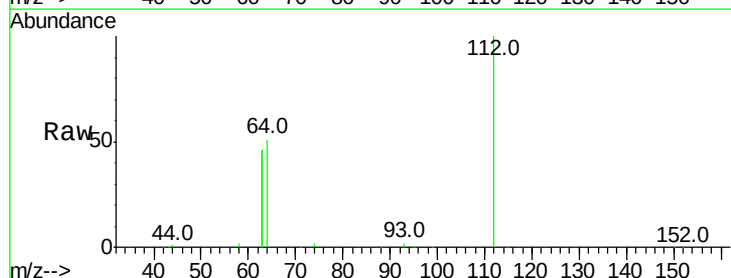
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



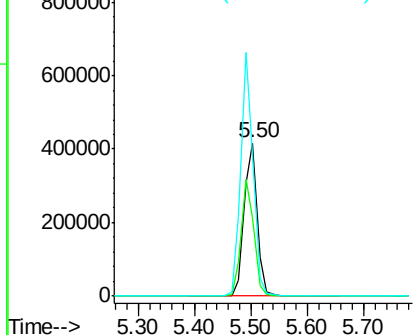
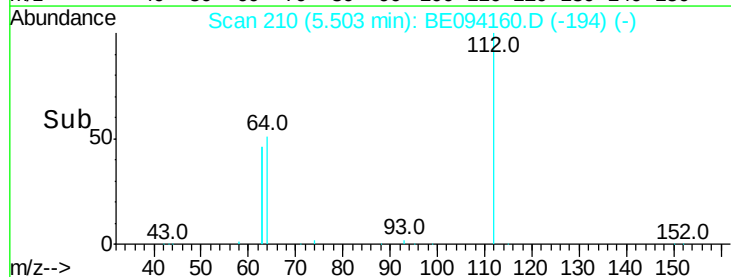
#4

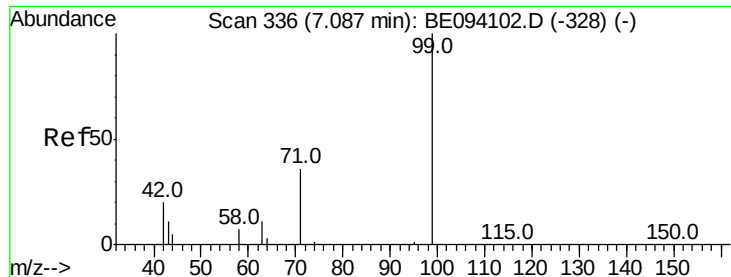
2-Fluorophenol
Concen: 116.301 ng
RT: 5.50 min Scan# 210
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:112 Resp: 674554
Ion Ratio Lower Upper
112 100
64 74.7 60.1 90.1
63 150.5 116.8 175.2



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: 122.402 ng

RT: 7.09 min Scan# 336

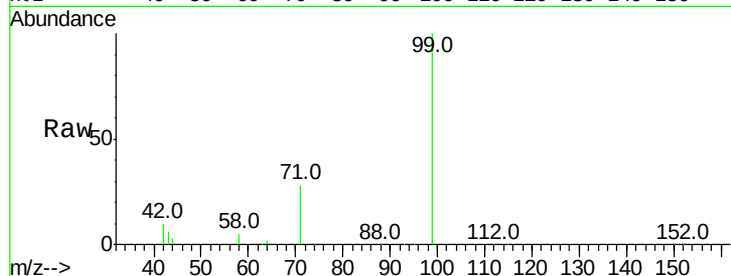
Delta R.T. 0.00 min

Lab File: BE094160.D

Acq: 3 Oct 2017 18:35

Tot Ion: 99 Resp: 986125

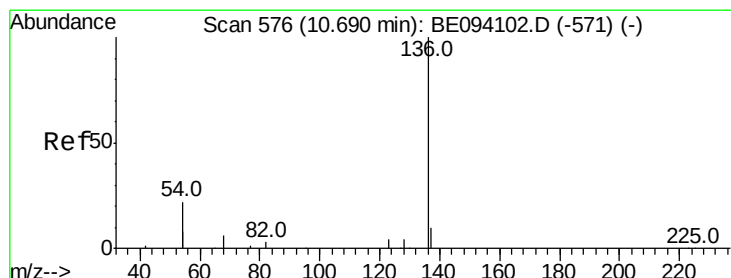
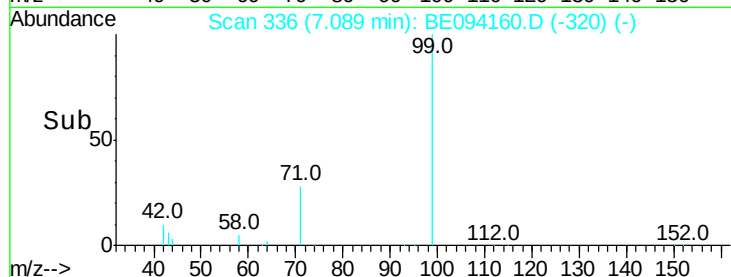
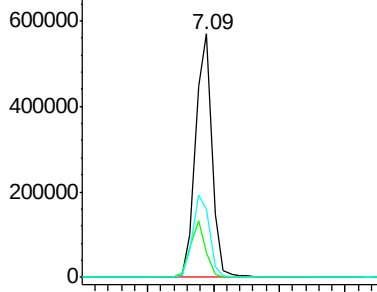
Ion	Ratio	Lower	Upper
99	100		
42	21.7	20.2	30.2
71	35.0	28.4	42.6



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

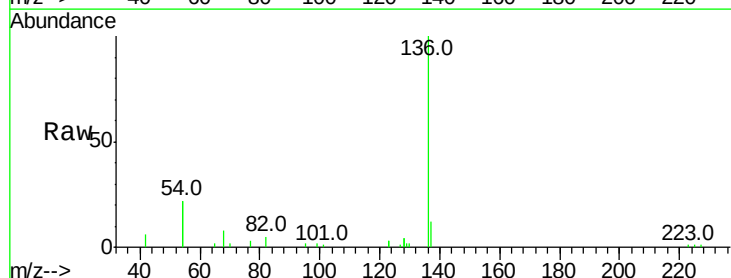
Delta R.T. -0.00 min

Lab File: BE094160.D

Acq: 3 Oct 2017 18:35

Tgt Ion: 136 Resp: 7357

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	43.4	29.1	43.7
68	8.2	6.2	9.2

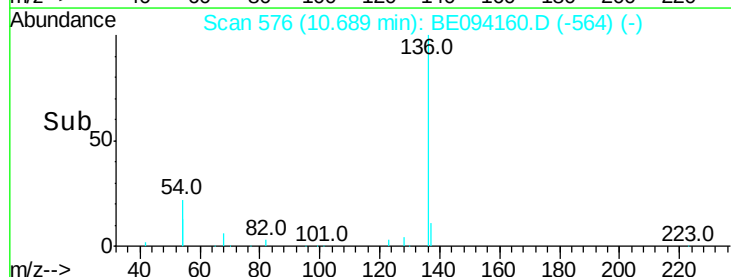
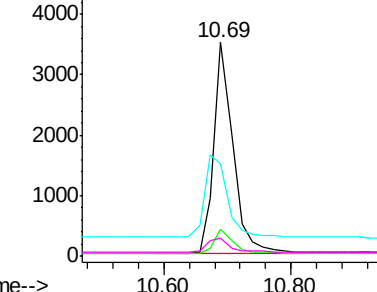


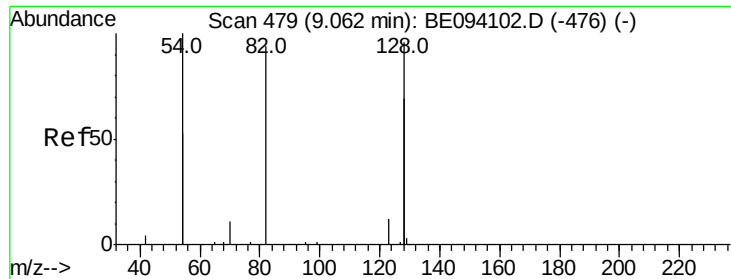
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.496 ng

RT: 9.04 min Scan# 478

Delta R.T. -0.02 min

Lab File: BE094160.D

Acq: 3 Oct 2017 18:35

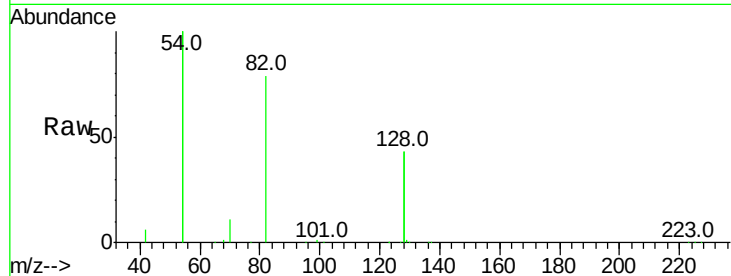
Tot Ion: 82 Resp: 601564

Ion Ratio Lower Upper

82 100

128 108.4 150.0 225.0#

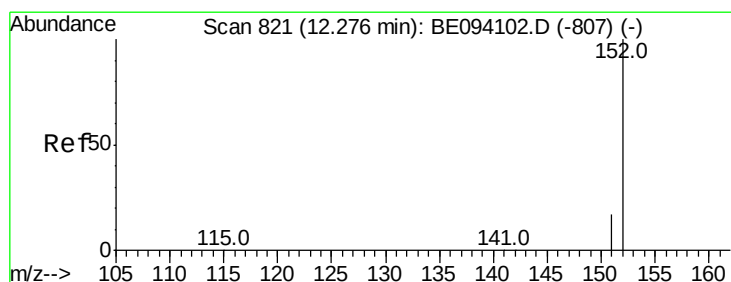
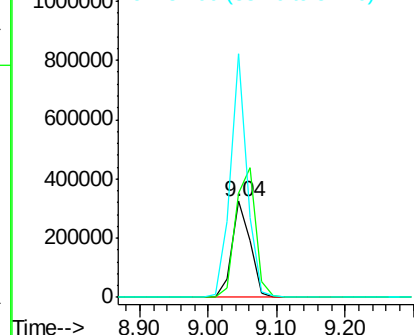
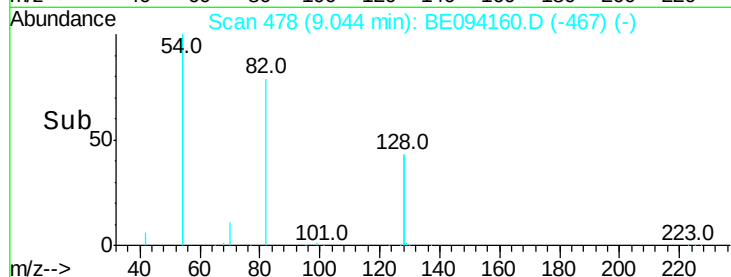
54 253.2 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094160.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE094160.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE094160.D (-467) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.28 min Scan# 821

Delta R.T. 0.00 min

Lab File: BE094160.D

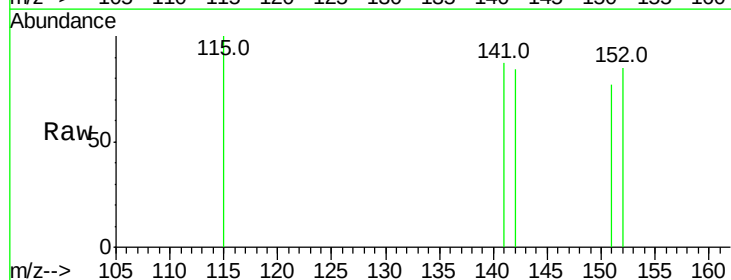
Acq: 3 Oct 2017 18:35

Tgt Ion: 152 Resp: 2

Ion Ratio Lower Upper

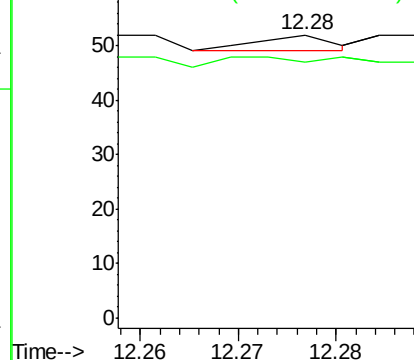
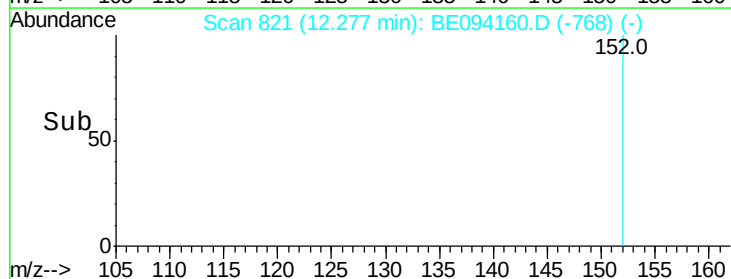
152 100

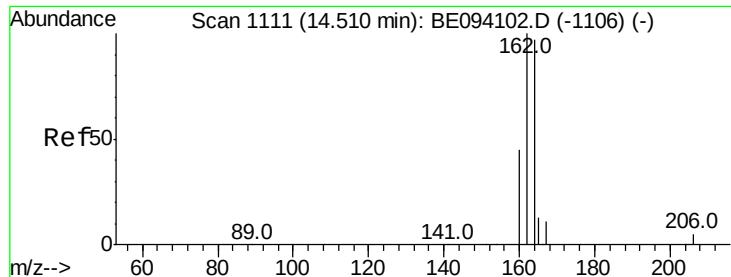
151 100.0 15.4 23.0#



Abundance Ion 152.00 (151.70 to 152.70): BE094160.D (-768) (-)

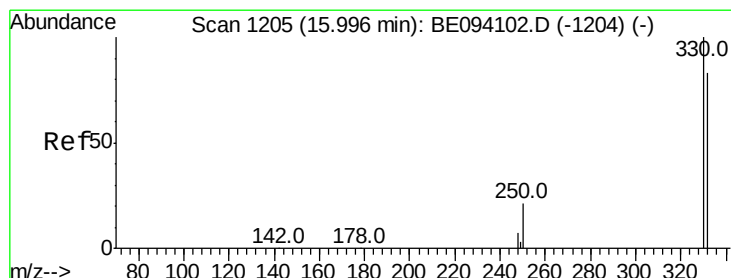
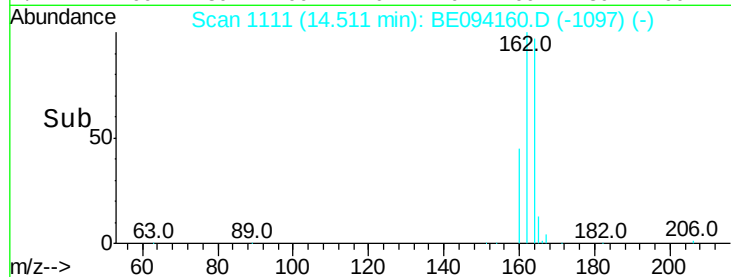
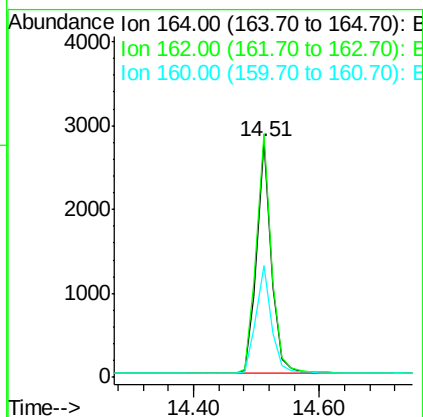
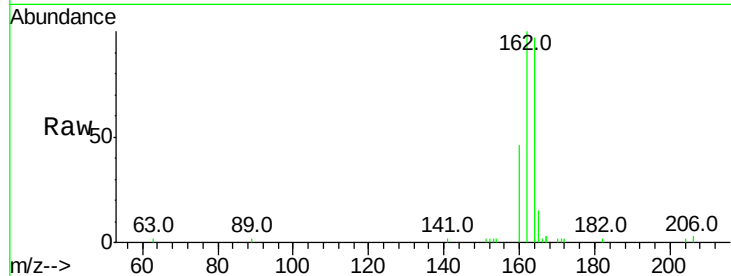
Ion 151.00 (150.70 to 151.70): BE094160.D (-768) (-)





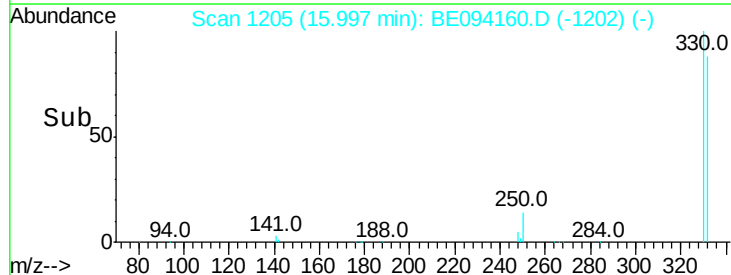
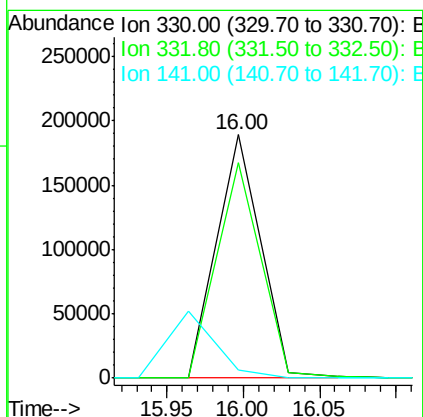
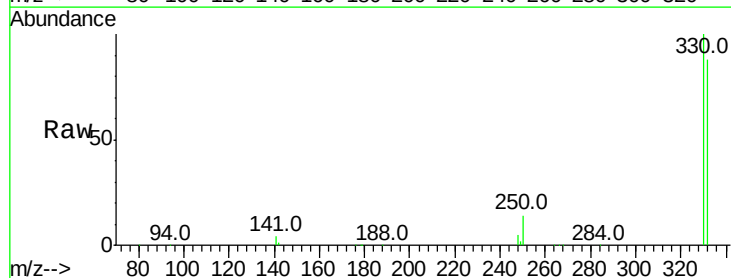
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

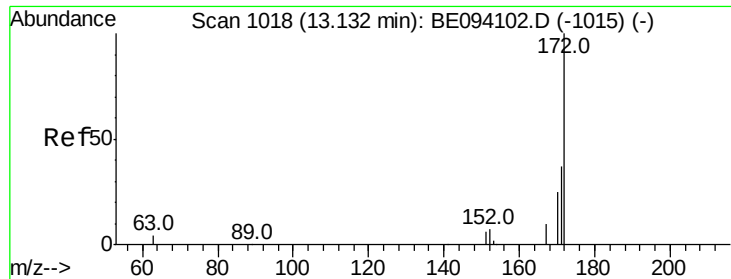
Tot Ion:164 Resp: 4485
Ion Ratio Lower Upper
164 100
162 103.3 83.1 124.7
160 47.5 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 162.390 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

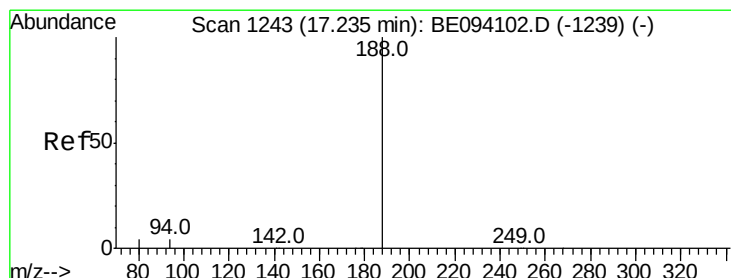
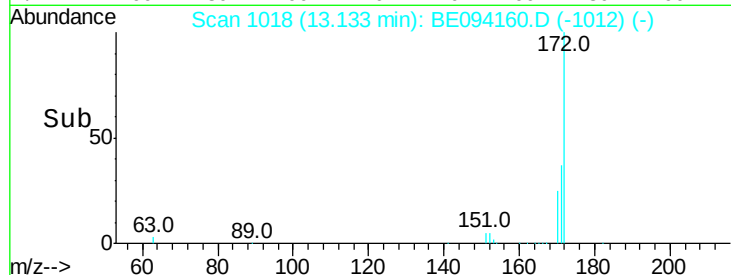
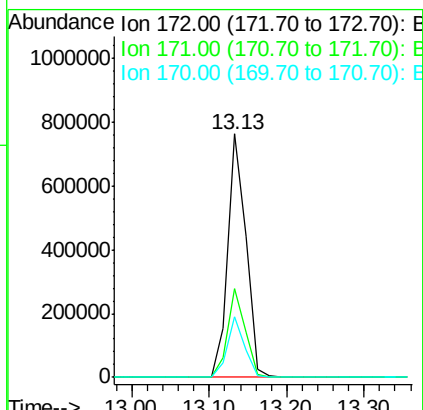
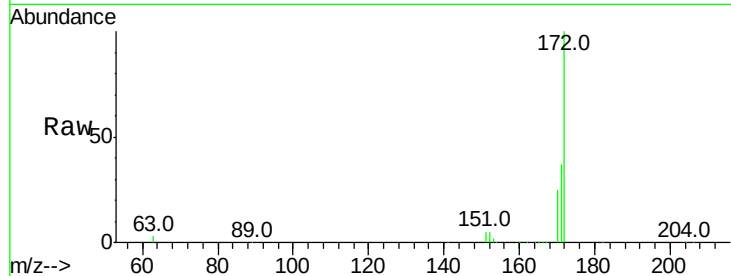
Tgt Ion:330 Resp: 377968
Ion Ratio Lower Upper
330 100
332 89.3 152.7 229.1#
141 0.0 33.7 50.5#





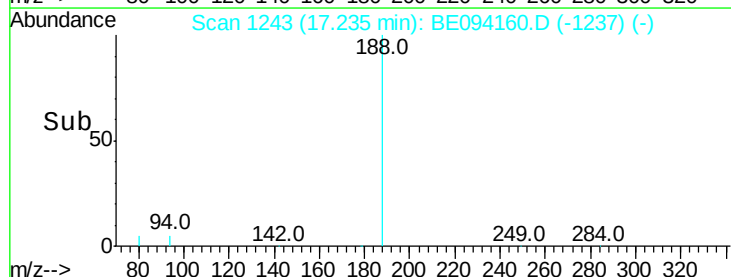
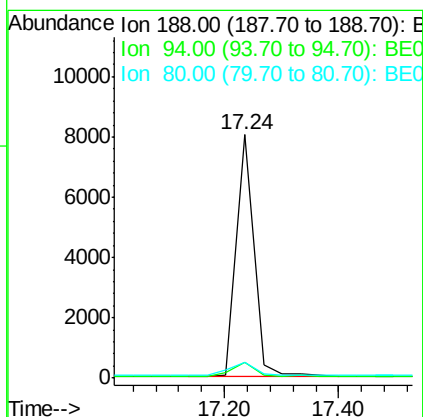
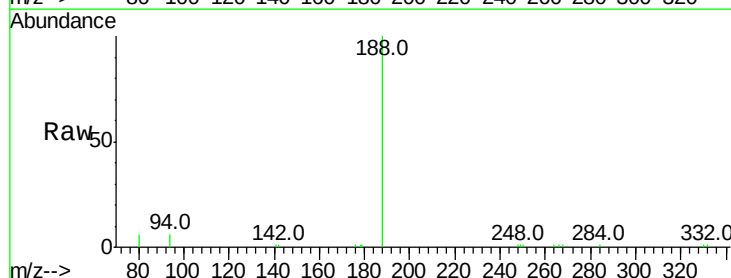
#15
2-Fluorobiphenyl
Concen: 83.980 ng
RT: 13.13 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

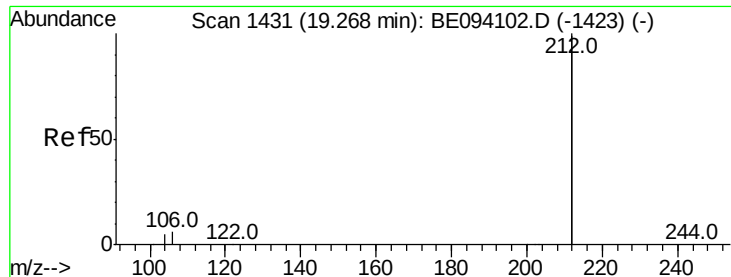
Tot Ion:172 Resp: 1244510
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 25.0 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE094160.D
Acq: 3 Oct 2017 18:35

Tgt Ion:188 Resp: 17054
Ion Ratio Lower Upper
188 100
94 6.3 3.9 5.9#
80 6.4 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.000 ng

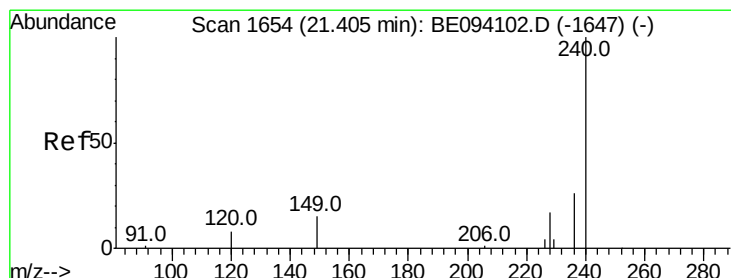
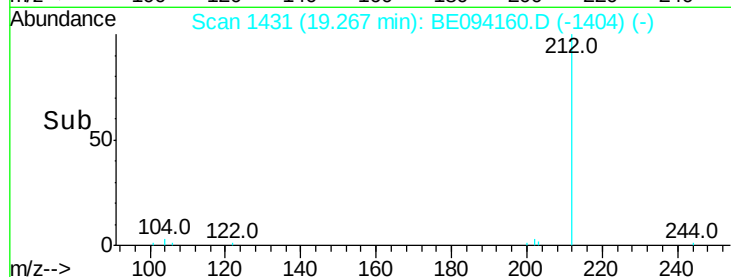
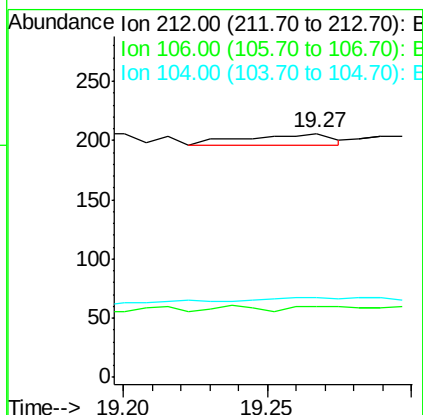
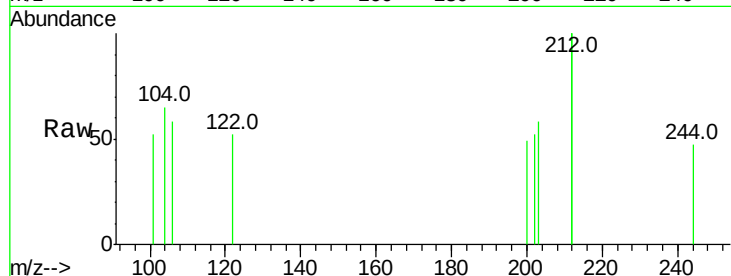
RT: 19.27 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BE094160.D

Acq: 3 Oct 2017 18:35

Tot Ion	212	Resp: Lower	21 Upper
212	100		
106	33.3	2.8	4.2#
104	23.8	1.6	2.4#



#27

Chrysene-d12

Concen: 0.400 ng

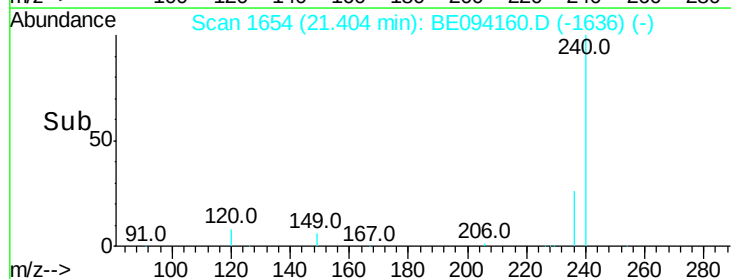
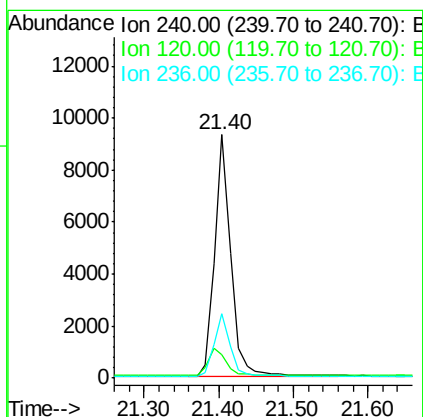
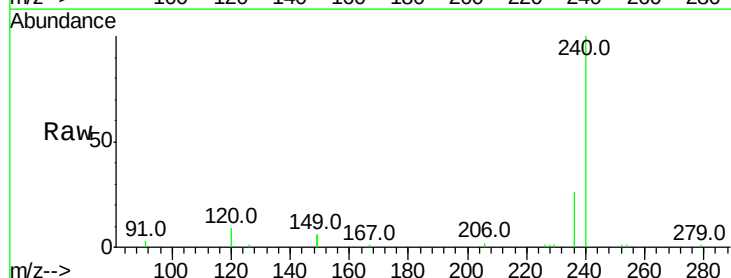
RT: 21.40 min Scan# 1654

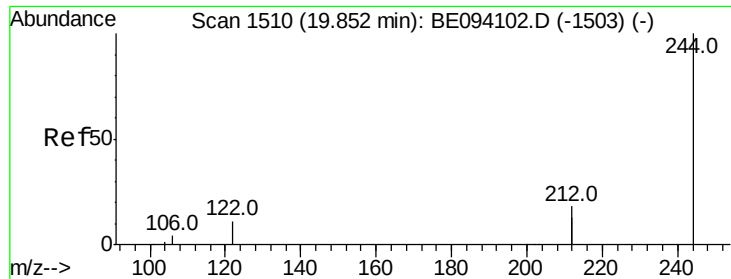
Delta R.T. -0.00 min

Lab File: BE094160.D

Acq: 3 Oct 2017 18:35

Tgt	Ion:240	Resp:	14023
Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.5	8.3#
236	26.4	20.7	31.1

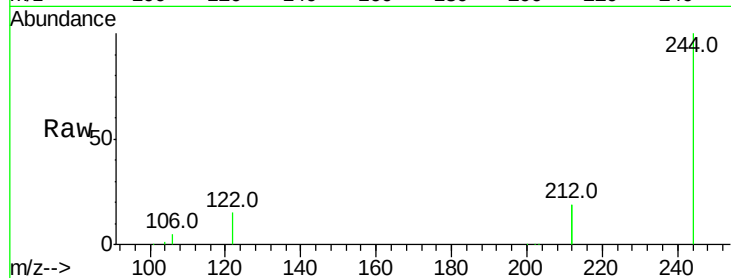




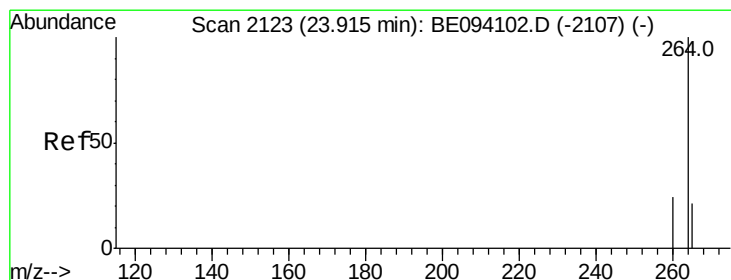
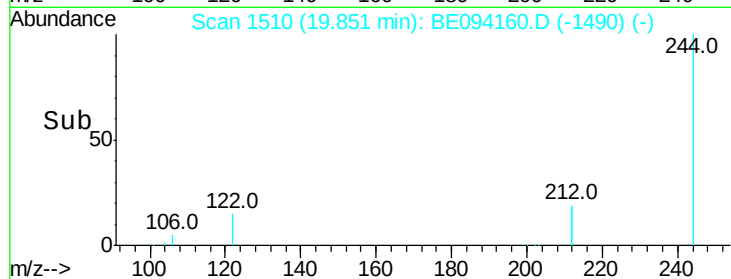
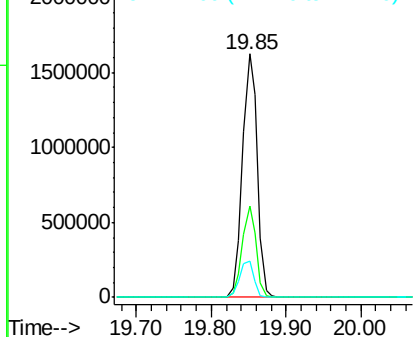
#29
 Terphenyl-d14
 Concen: 86.696 ng
 RT: 19.85 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BE094160.D
 Acq: 3 Oct 2017 18:35

Tot Ion:244 Resp: 2218097

Ion	Ratio	Lower	Upper
244	100		
212	37.3	25.4	38.0
122	15.0	8.1	12.1



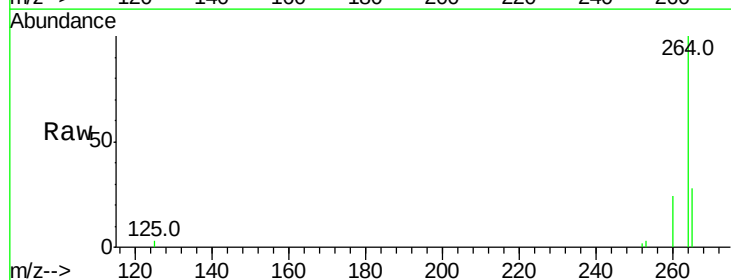
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BE094160.D
 Acq: 3 Oct 2017 18:35

Tgt Ion:264 Resp: 13410

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.5	30.7
265	27.6	22.8	34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

