

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
 Data File : BE095043.D
 Acq On : 22 Dec 2017 13:29
 Operator : SJ/JU
 Sample : PB105289BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB105289BL

Quant Time: Dec 22 18:00:25 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 18:42:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5958	0.40	ng	0.00
7) Naphthalene-d8	11.31	136	12991	0.40	ng	-0.02
13) Acenaphthene-d10	15.05	164	6644	0.40	ng	-0.01
19) Phenanthrene-d10	17.74	188	16328	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	15390	0.40	ng	-0.03
34) Perylene-d12	24.49	264	13186	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	2823	0.31	ng	0.00
5) Phenol-d6	7.58	99	3761	0.27	ng	0.00
8) Nitrobenzene-d5	9.63	82	3745	0.35	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	6452	0.30	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	380	0.25	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	10254	0.35	ng	-0.01
25) Fluoranthene-d10	19.72	212	63310	0.30	ng	-0.03
29) Terphenyl-d14	20.28	244	12210	0.42	ng	-0.03

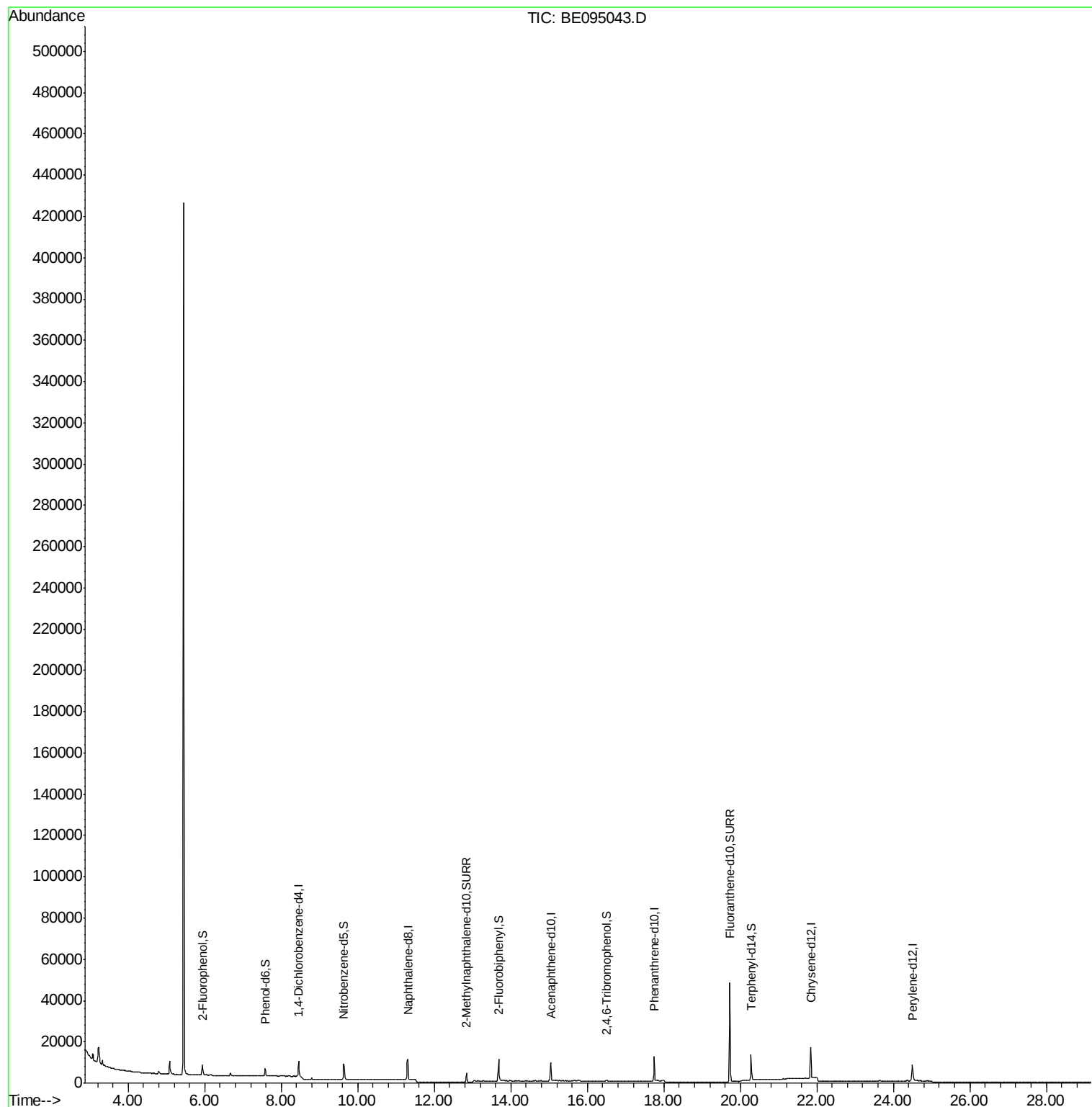
Target Compounds	Qvalue

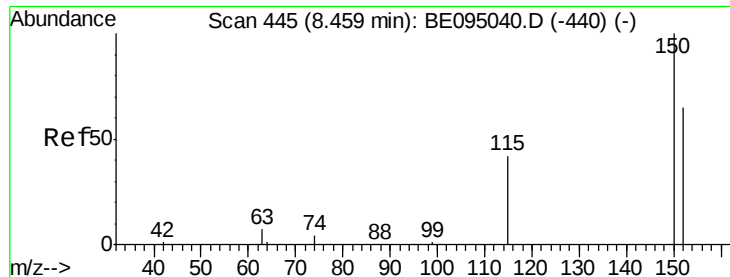
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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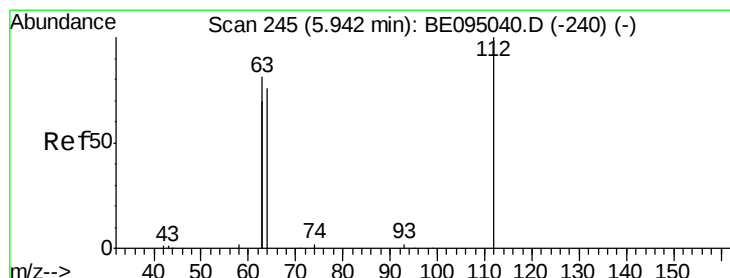
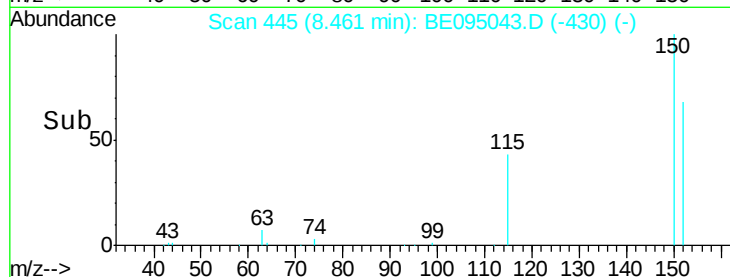
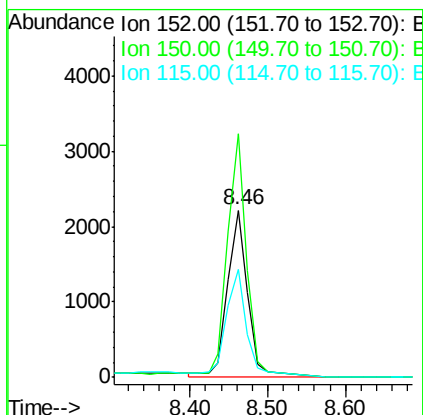
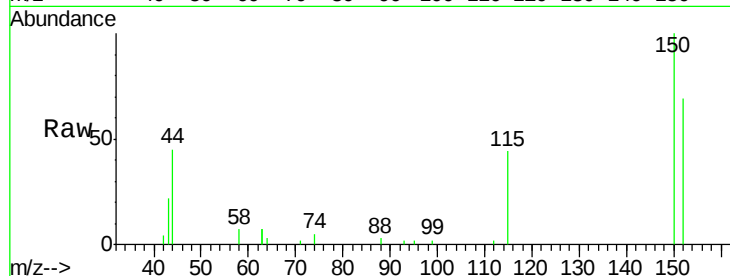


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095043.D
Acq: 22 Dec 2017 13:29

Instrument :
BNA_E
ClientSampleId :
PB105289BL

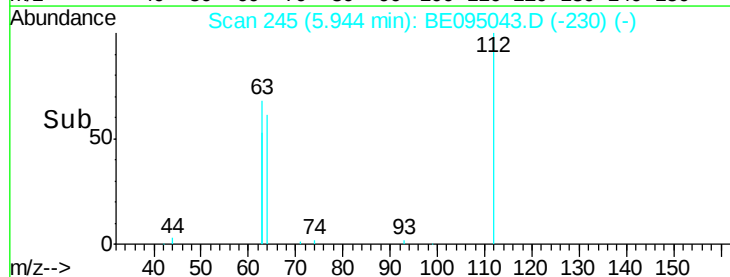
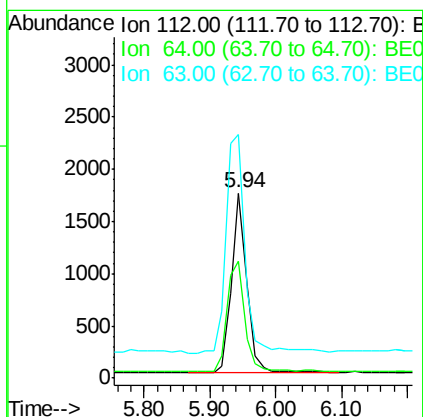
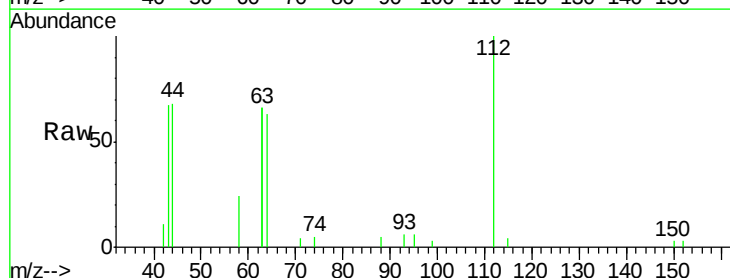
Tot Ion:152 Resp: 5958
Ion Ratio Lower Upper
152 100
150 145.4 117.2 175.8
115 64.7 57.0 85.6

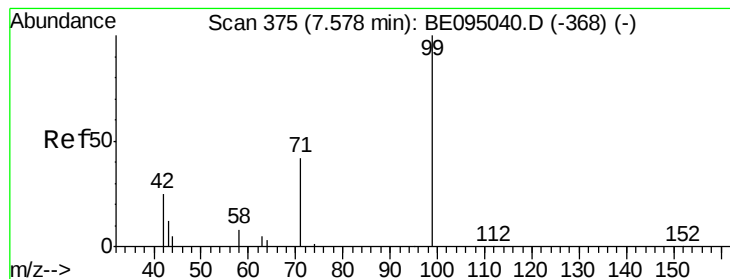


#4

2-Fluorophenol
Concen: 0.305 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095043.D
Acq: 22 Dec 2017 13:29

Tgt Ion:112 Resp: 2823
Ion Ratio Lower Upper
112 100
64 69.3 60.1 90.1
63 148.6 116.8 175.2





#5

Phenol-d6

Concen: 0.274 ng

RT: 7.58 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE095043.D

Acq: 22 Dec 2017 13:29

Instrument :

BNA_E

ClientSampleId :

PB105289BL

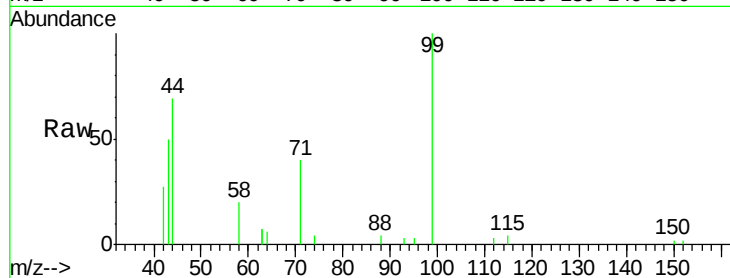
Tot Ion: 99 Resp: 3761

Ion Ratio Lower Upper

99 100

42 24.6 20.2 30.2

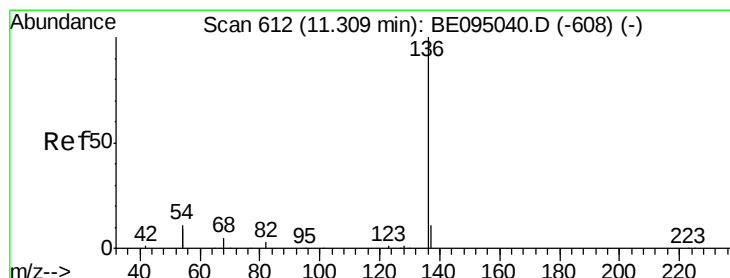
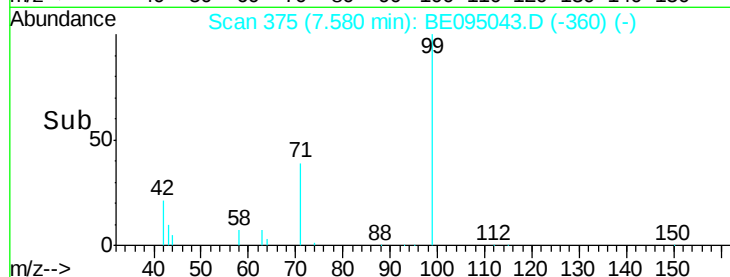
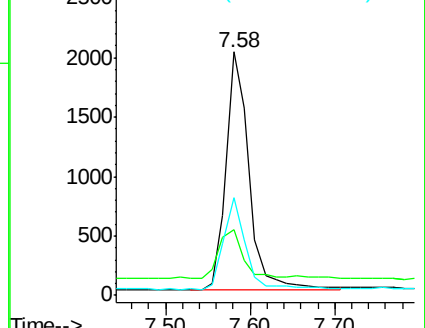
71 37.4 28.4 42.6



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: 11.31 min Scan# 612

Delta R.T. -0.02 min

Lab File: BE095043.D

Acq: 22 Dec 2017 13:29

Tgt Ion: 136 Resp: 12991

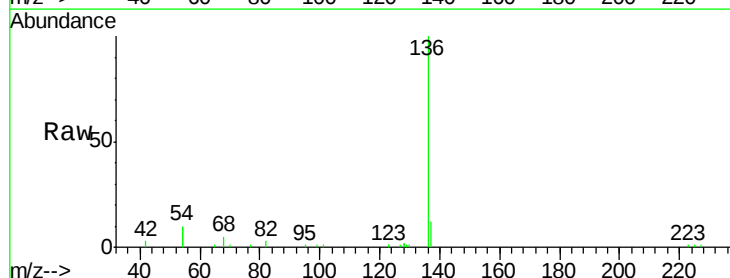
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 20.5 29.1 43.7#

68 4.7 6.2 9.2#

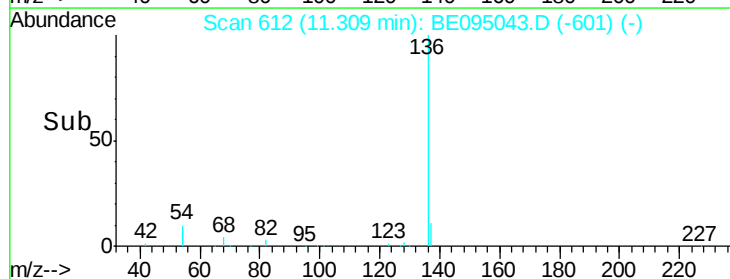
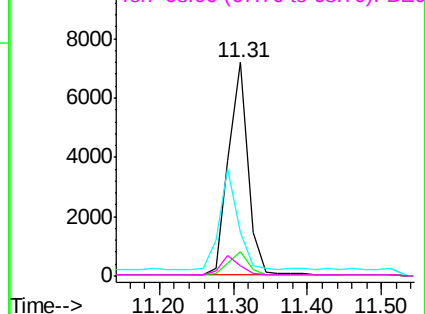


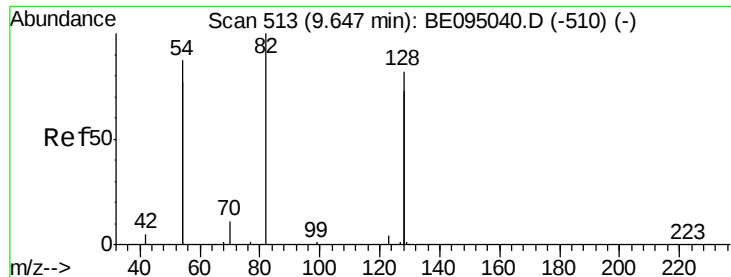
Abundance Ion 136.00 (135.70 to 136.70): E

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

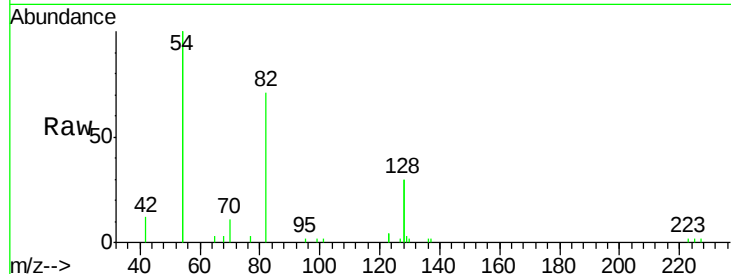




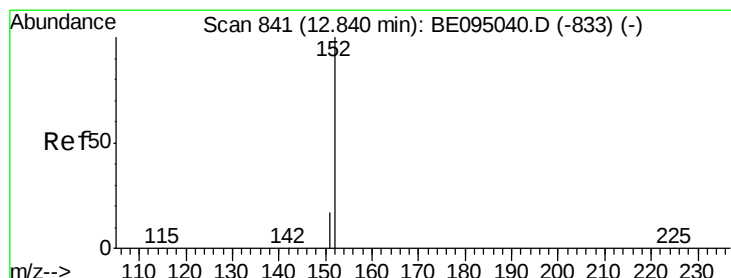
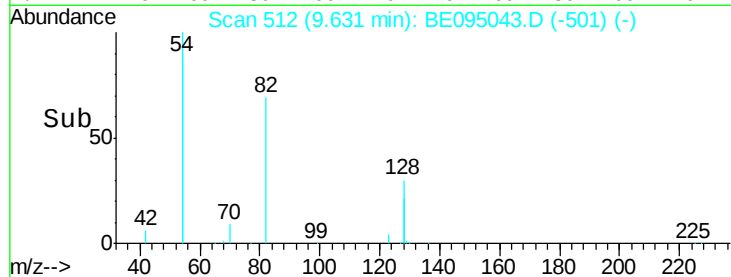
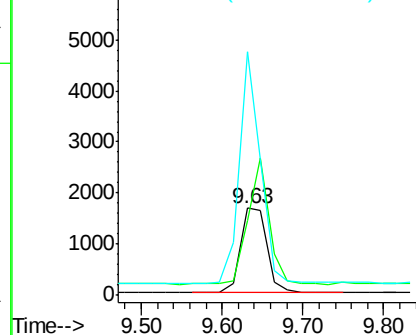
#8
 Nitrobenzene-d5
 Concen: 0.351 ng
 RT: 9.63 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BE095043.D
 Acq: 22 Dec 2017 13:29

Instrument :
 BNA_E
 ClientSampleId :
 PB105289BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	85.2	150.0	225.0#
54	279.8	154.2	231.4#

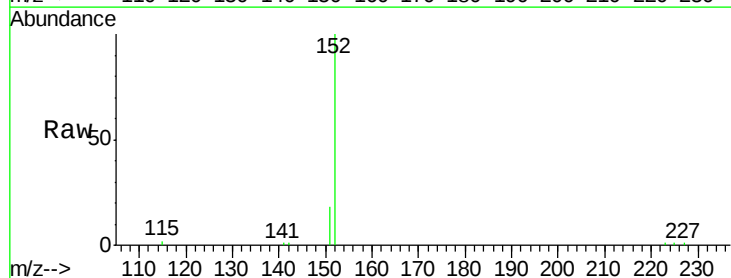


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

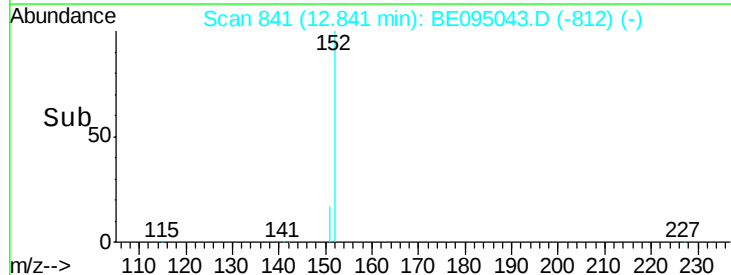
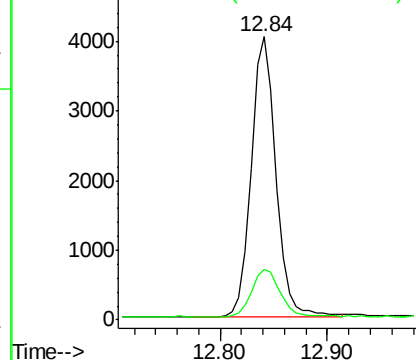


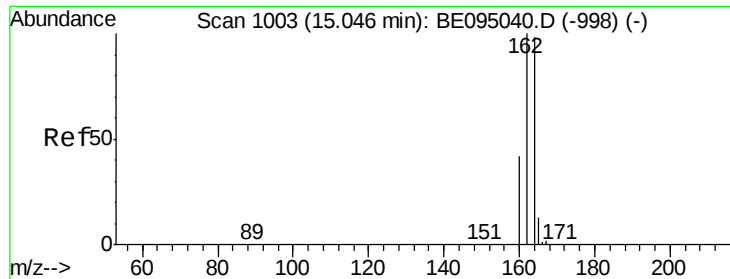
#11
 2-Methylnaphthalene-d10
 Concen: 0.303 ng
 RT: 12.84 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BE095043.D
 Acq: 22 Dec 2017 13:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0



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: 15.05 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BE095043.D

Acq: 22 Dec 2017 13:29

Instrument :

BNA_E

ClientSampleId :

PB105289BL

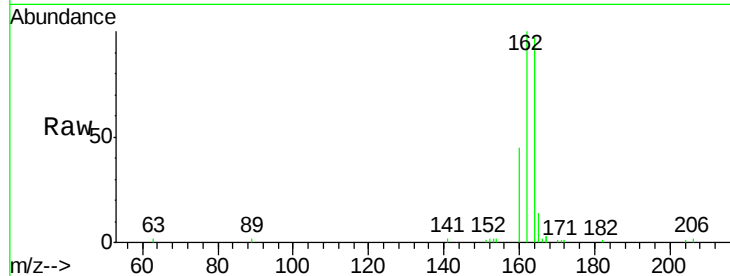
Tot Ion:164 Resp: 6644

Ion Ratio Lower Upper

164 100

162 103.4 83.1 124.7

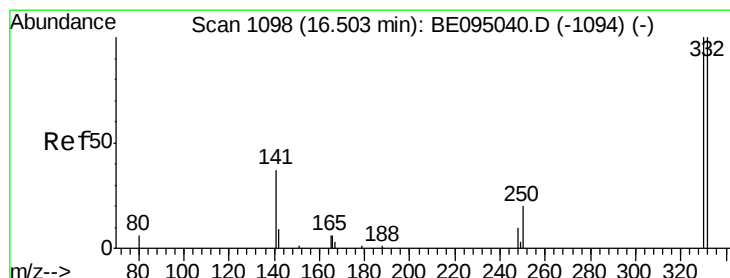
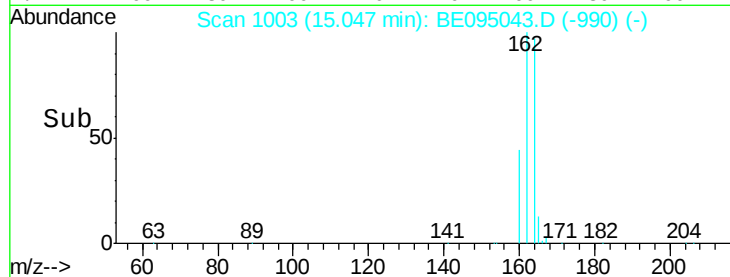
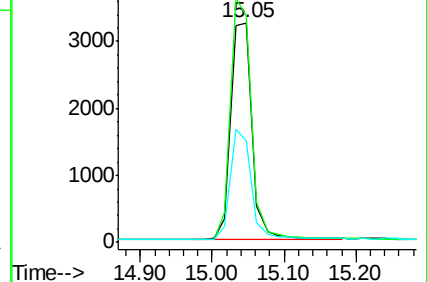
160 46.4 37.1 55.7



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

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BE095043.D

Acq: 22 Dec 2017 13:29

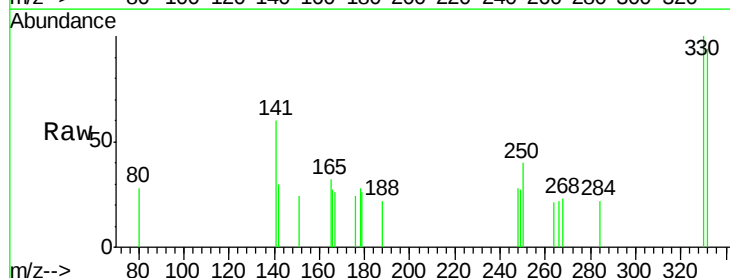
Tgt Ion:330 Resp: 380

Ion Ratio Lower Upper

330 100

332 90.3 152.7 229.1#

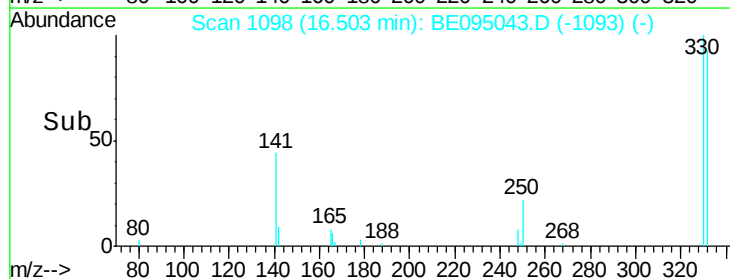
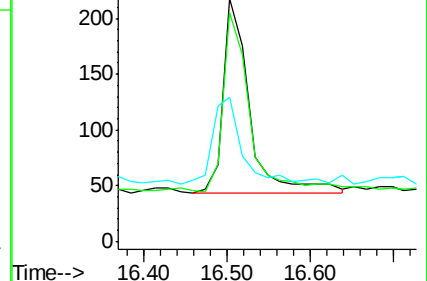
141 52.1 33.7 50.5#

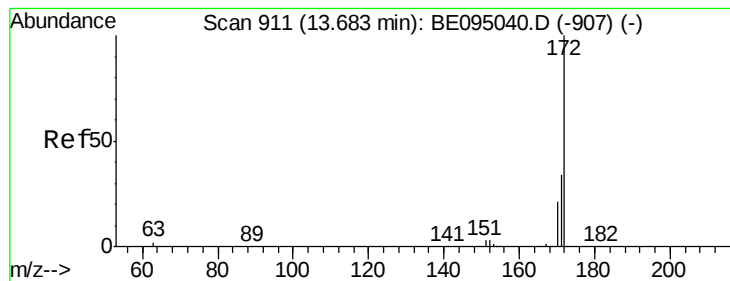


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

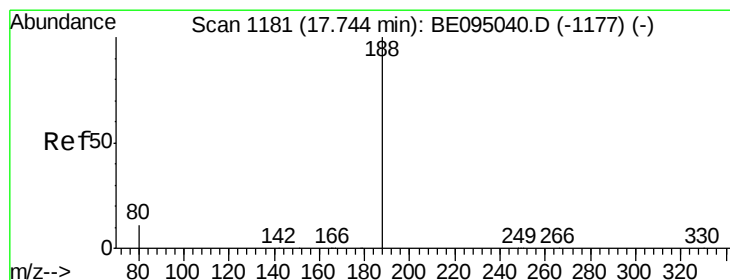
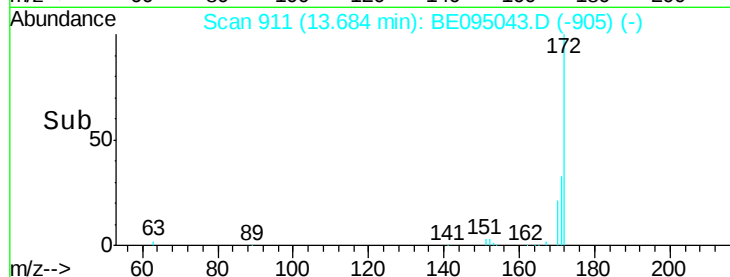
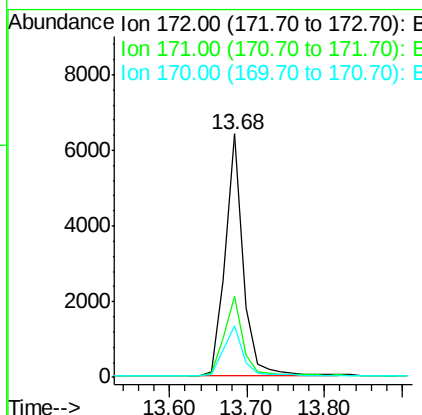
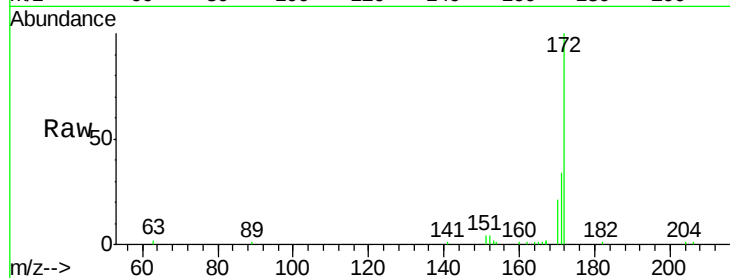




#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095043.D
Acq: 22 Dec 2017 13:29

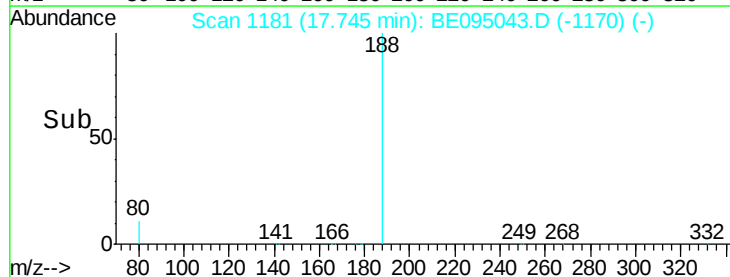
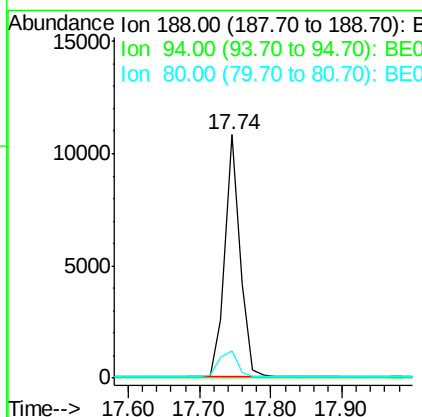
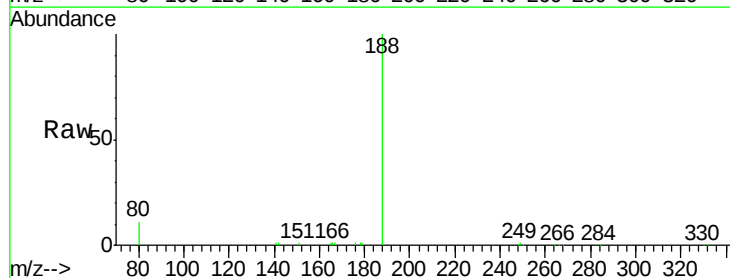
Instrument :
BNA_E
ClientSampleId :
PB105289BL

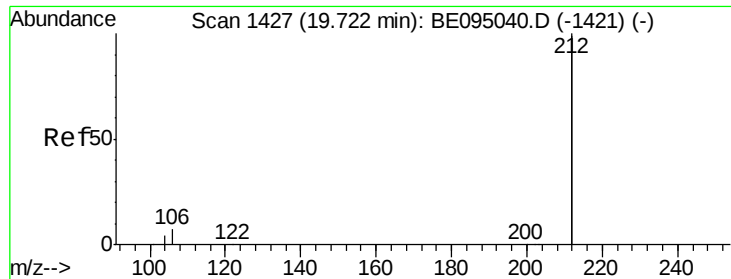
Tot Ion:172 Resp: 10254
Ion Ratio Lower Upper
172 100
171 33.5 29.9 44.9
170 21.4 21.8 32.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095043.D
Acq: 22 Dec 2017 13:29

Tgt Ion:188 Resp: 16328
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.1 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.299 ng

RT: 19.72 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BE095043.D

Acq: 22 Dec 2017 13:29

Instrument :

BNA_E

ClientSampleId :

PB105289BL

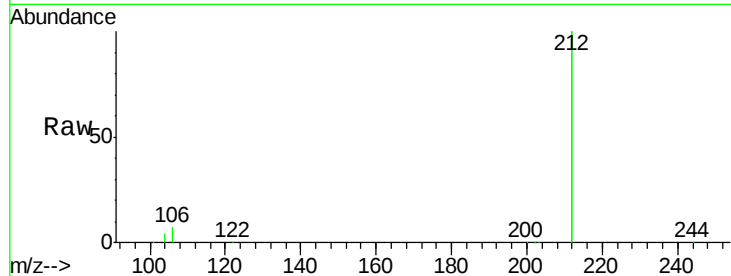
Tot Ion:212 Resp: 63310

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

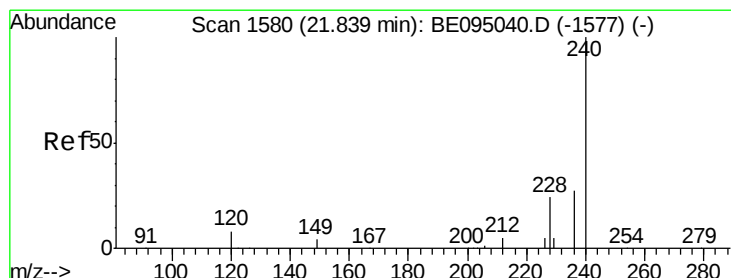
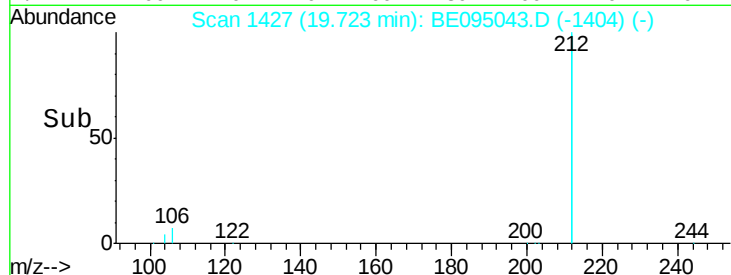
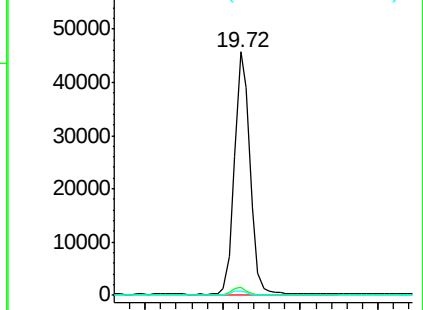
104 1.8 1.6 2.4



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: 21.84 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BE095043.D

Acq: 22 Dec 2017 13:29

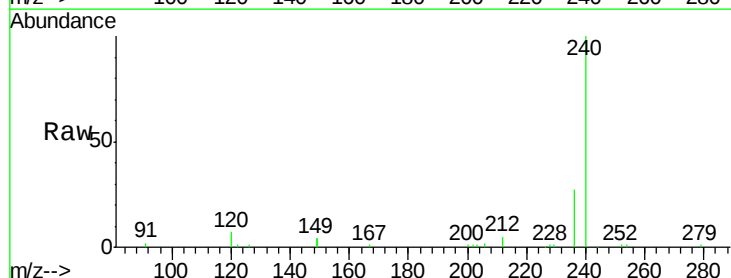
Tgt Ion:240 Resp: 15390

Ion Ratio Lower Upper

240 100

120 7.1 5.5 8.3

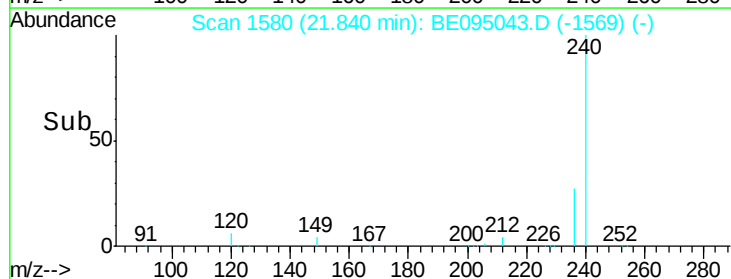
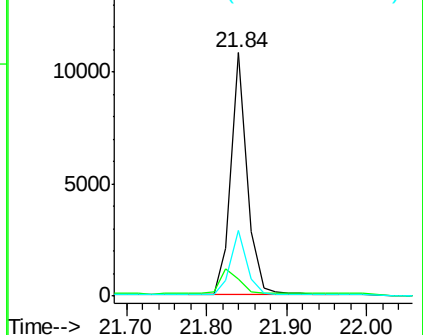
236 27.2 20.7 31.1

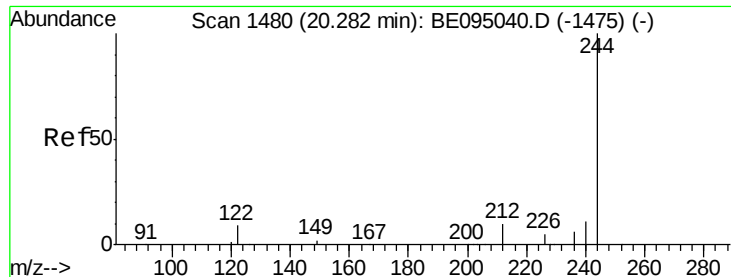


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.421 ng

RT: 20.28 min Scan# 1480

Delta R.T. -0.03 min

Lab File: BE095043.D

Acq: 22 Dec 2017 13:29

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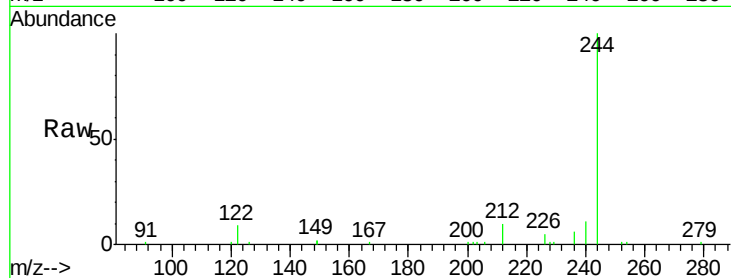
Tot Ion:244 Resp: 12210

Ion Ratio Lower Upper

244 100

212 9.5 25.4 38.0#

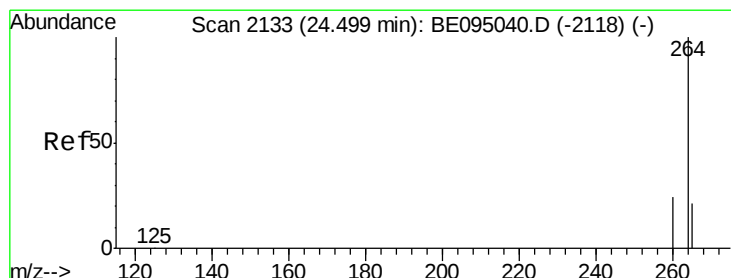
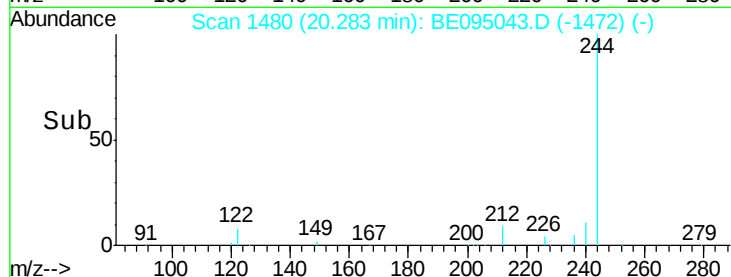
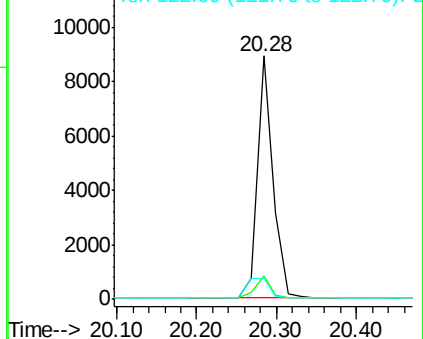
122 8.6 8.1 12.1



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: 24.49 min Scan# 2132

Delta R.T. -0.05 min

Lab File: BE095043.D

Acq: 22 Dec 2017 13:29

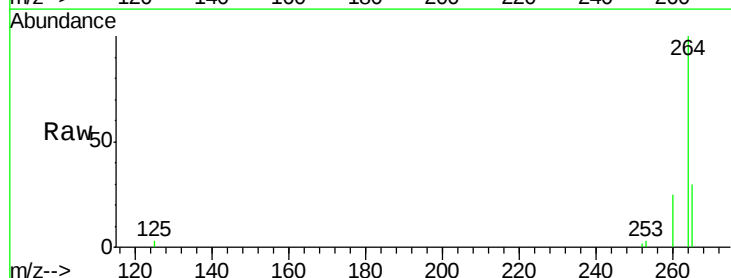
Tgt Ion:264 Resp: 13186

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 30.4 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

