

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100518\
 Data File : BE097748.D
 Acq On : 5 Oct 2018 10:36
 Operator : SJ/JU
 Sample : PB113432BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113432BL

Quant Time: Oct 05 14:10:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3550	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12943	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6021	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	13801	0.40	ng	0.00
27) Chrysene-d12	21.49	240	14703	0.40	ng	0.00
34) Perylene-d12	24.03	264	15485	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3013	0.36	ng	0.00
5) Phenol-d6	7.04	99	3702	0.29	ng	0.00
8) Nitrobenzene-d5	9.04	82	2483	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6688	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.05	330	359	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	10203	0.38	ng	0.00
25) Fluoranthene-d10	19.33	212	57773	0.33	ng	0.00
29) Terphenyl-d14	19.93	244	9671	0.32	ng	0.00

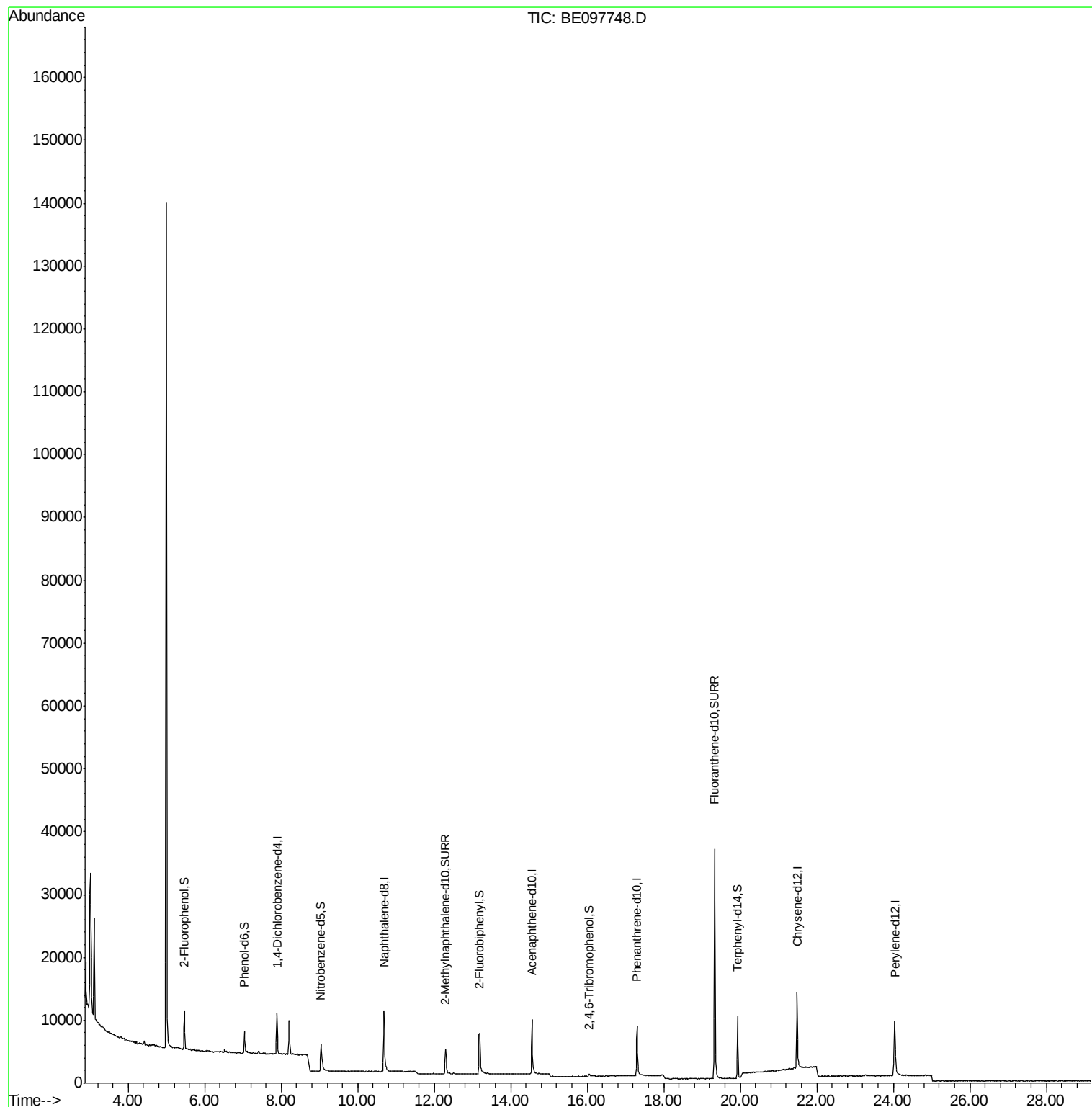
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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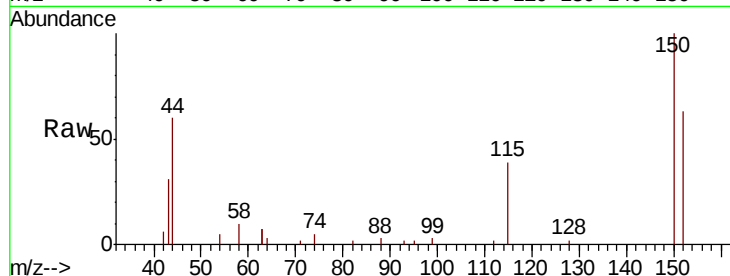


#1

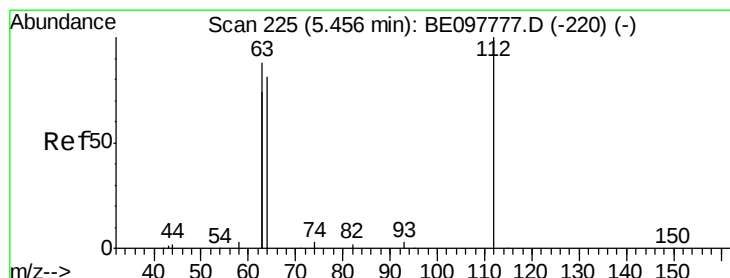
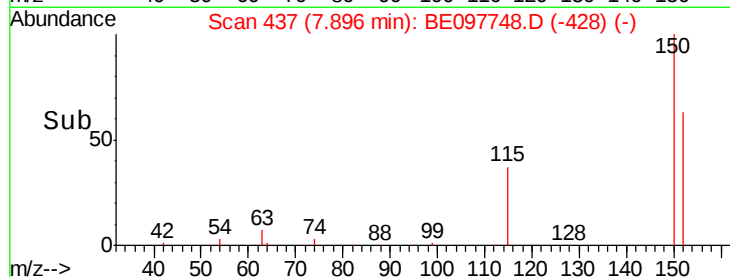
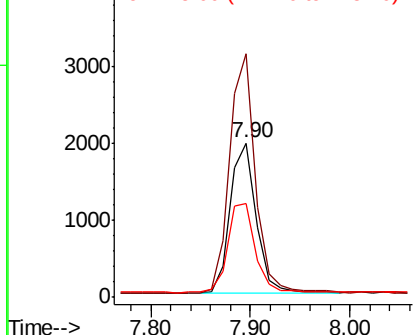
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097748.D
Acq: 5 Oct 2018 10:36

Instrument :
BNA_E
ClientSampleId :
PB113432BL

Tot Ion:152 Resp: 3550
Ion Ratio Lower Upper
152 100
150 157.6 120.9 181.3
115 60.7 46.6 69.8



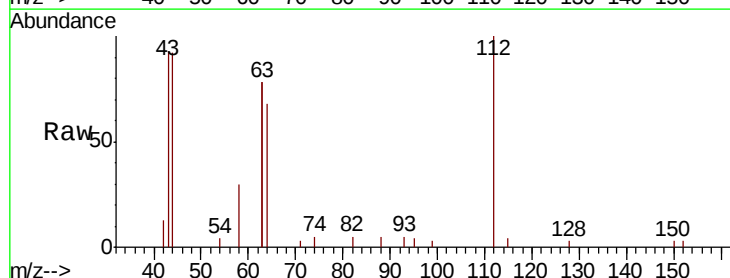
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



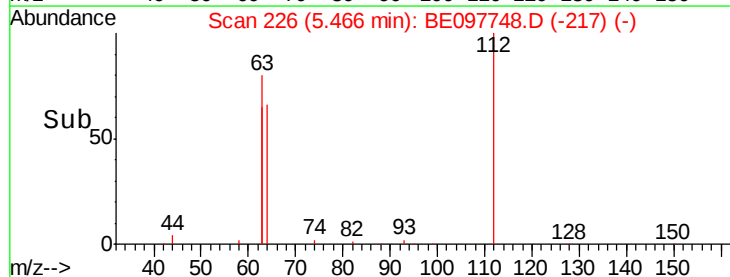
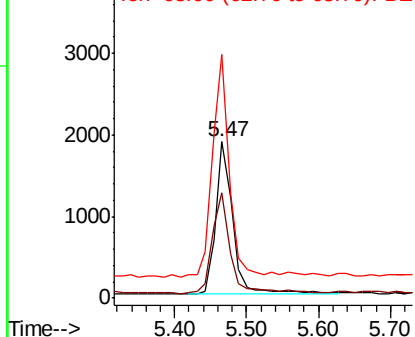
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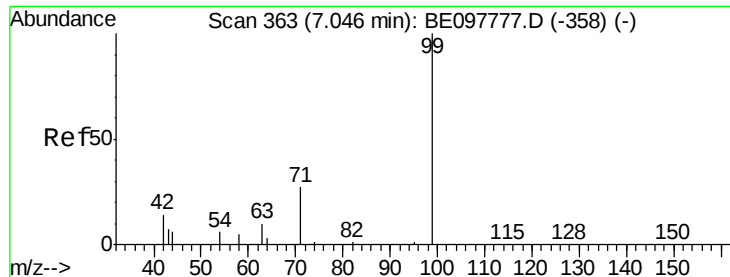
2-Fluorophenol
Concen: 0.359 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097748.D
Acq: 5 Oct 2018 10:36

Tgt Ion:112 Resp: 3013
Ion Ratio Lower Upper
112 100
64 71.1 56.6 84.8
63 143.2 119.4 179.0



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: 0.288 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097748.D

Acq: 5 Oct 2018 10:36

Instrument :

BNA_E

ClientSampleId :

PB113432BL

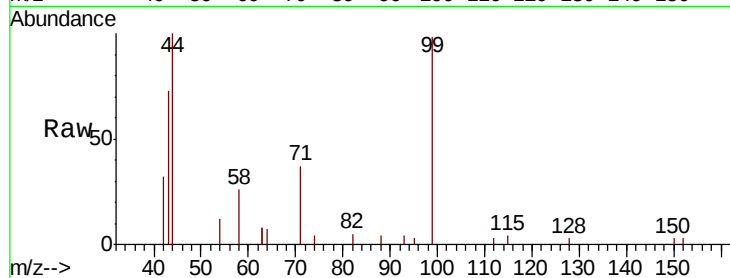
Tot Ion: 99 Resp: 3702

Ion Ratio Lower Upper

99 100

42 25.6 19.9 29.9

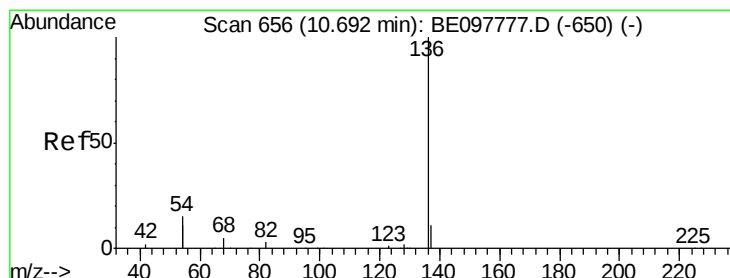
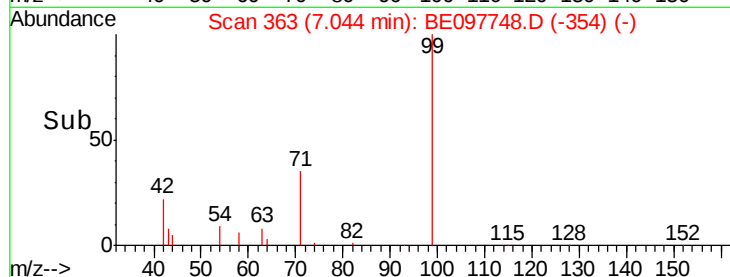
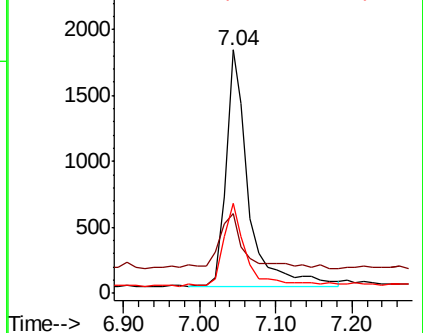
71 36.7 25.4 38.2



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# 656

Delta R.T. 0.00 min

Lab File: BE097748.D

Acq: 5 Oct 2018 10:36

Tgt Ion: 136 Resp: 12943

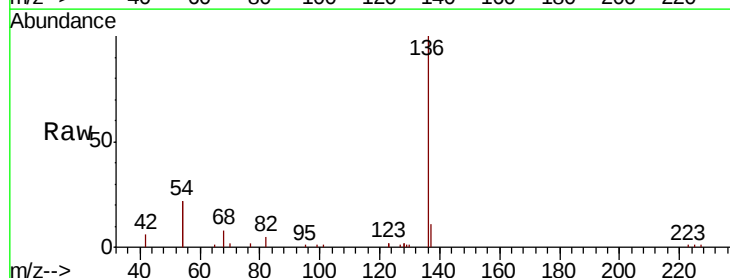
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 44.3 37.8 56.6

68 7.6 6.4 9.6

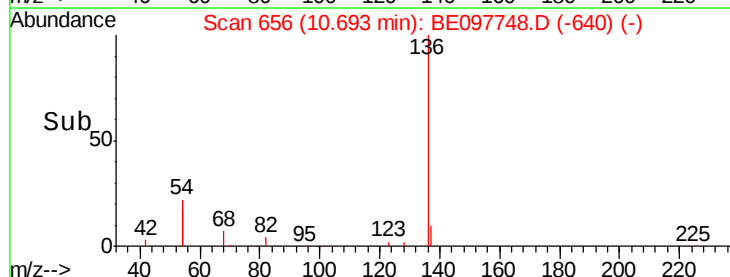
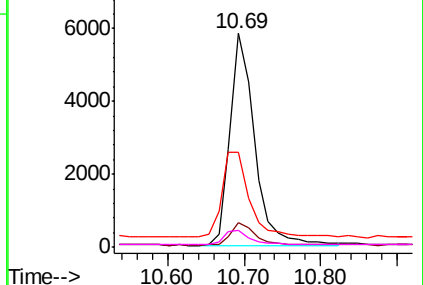


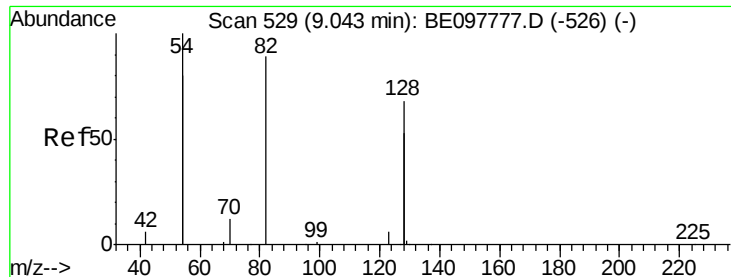
Abundance Ion 136.00 (135.70 to 136.70): E

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

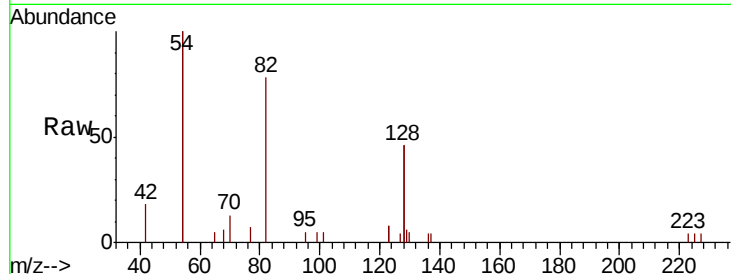




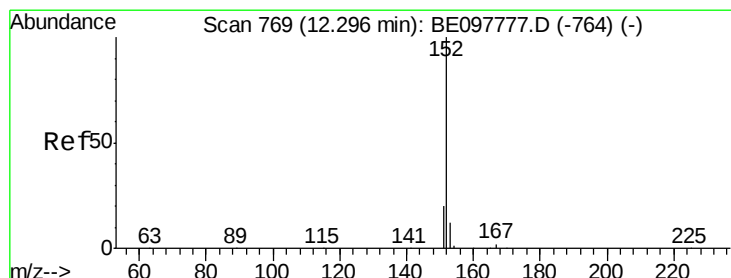
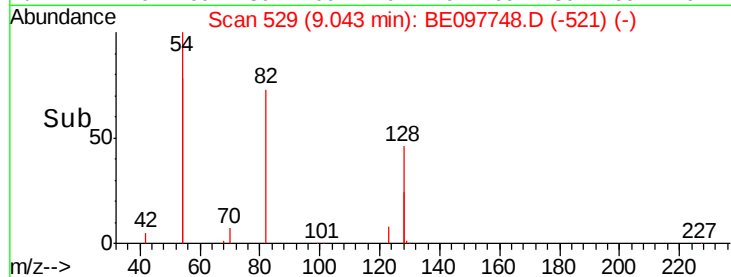
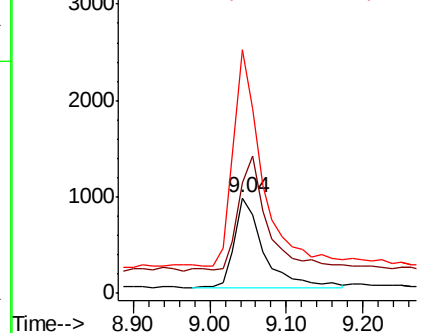
#8
 Nitrobenzene-d5
 Concen: 0.591 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BE097748.D
 Acq: 5 Oct 2018 10:36

Instrument :
 BNA_E
 ClientSampleId :
 PB113432BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	116.2	97.0	145.4
54	255.2	206.9	310.3

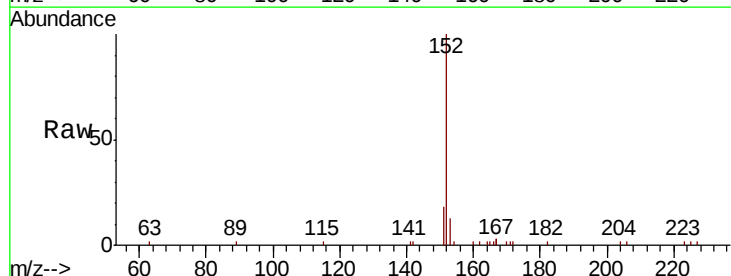


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

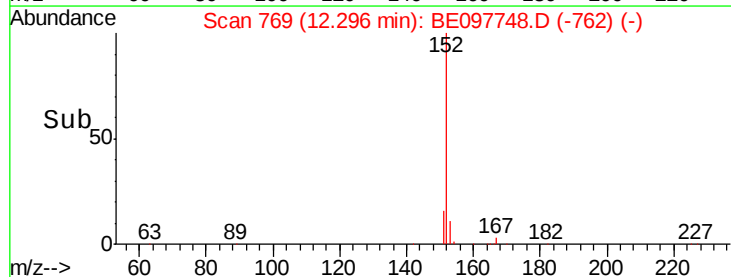
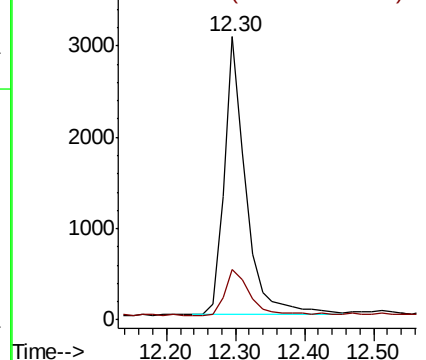


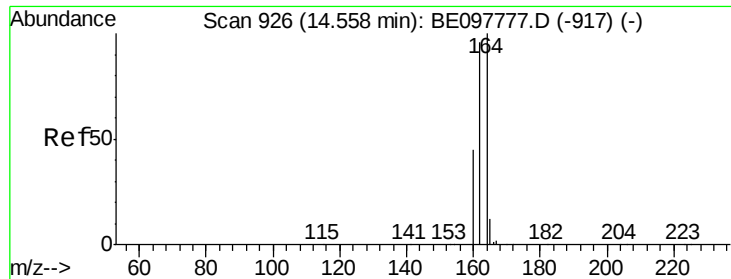
#11
 2-Methylnaphthalene-d10
 Concen: 0.325 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE097748.D
 Acq: 5 Oct 2018 10:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.2



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

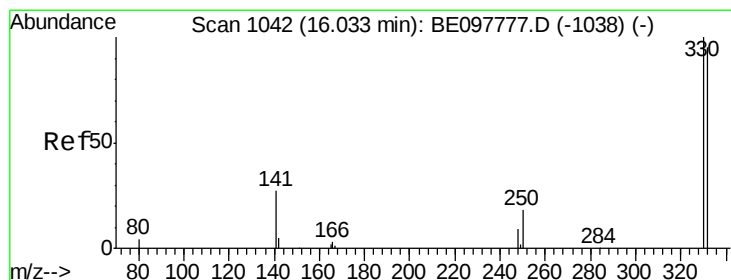
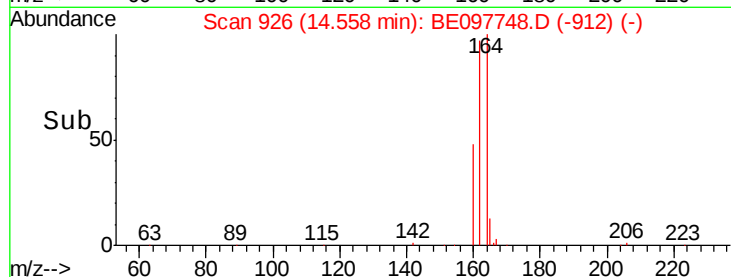
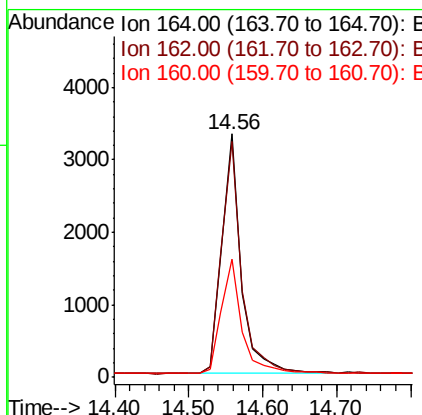
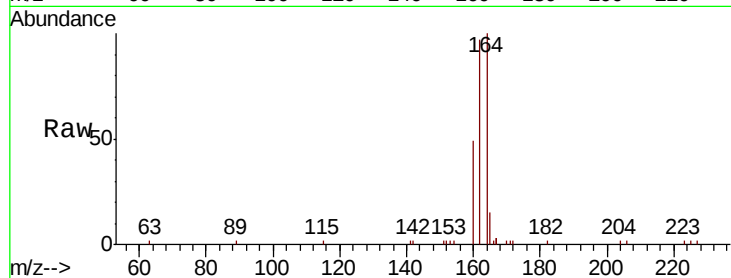




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097748.D
Acq: 5 Oct 2018 10:36

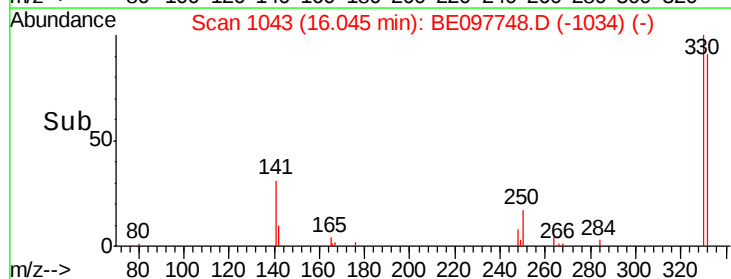
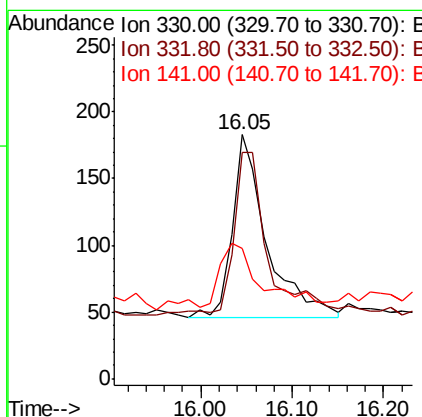
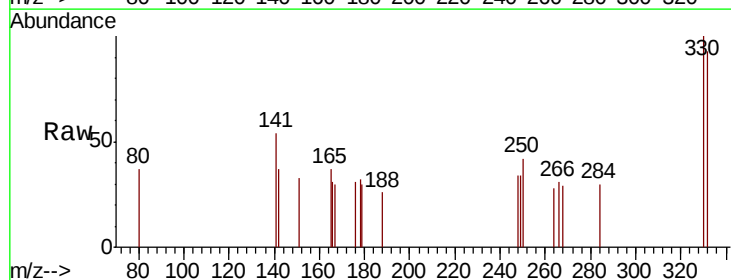
Instrument :
BNA_E
ClientSampleId :
PB113432BL

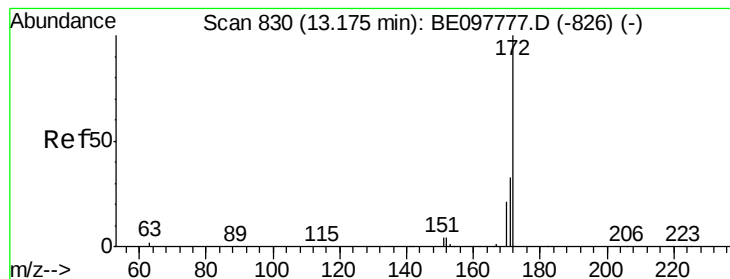
Tot Ion:164 Resp: 6021
Ion Ratio Lower Upper
164 100
162 97.0 78.6 117.8
160 48.7 37.8 56.6



#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.05 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097748.D
Acq: 5 Oct 2018 10:36

Tgt Ion:330 Resp: 359
Ion Ratio Lower Upper
330 100
332 84.1 83.5 125.3
141 40.7 34.9 52.3

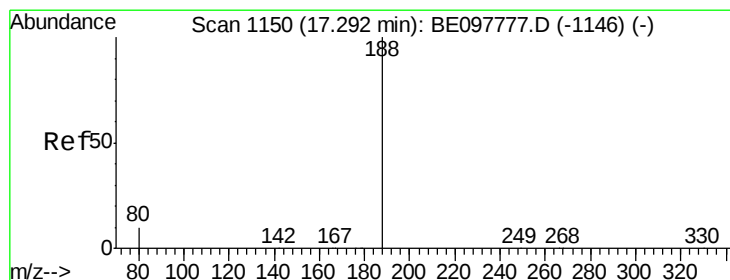
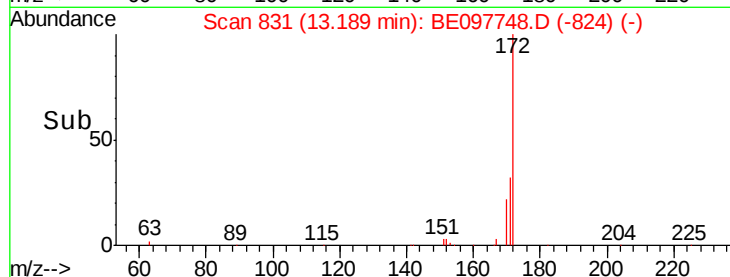
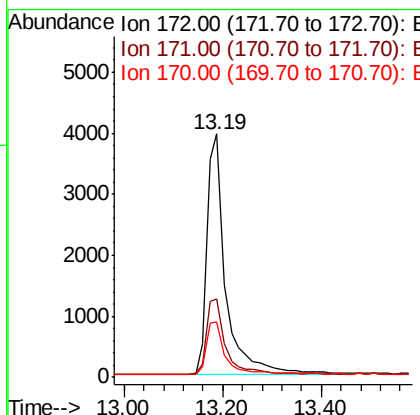
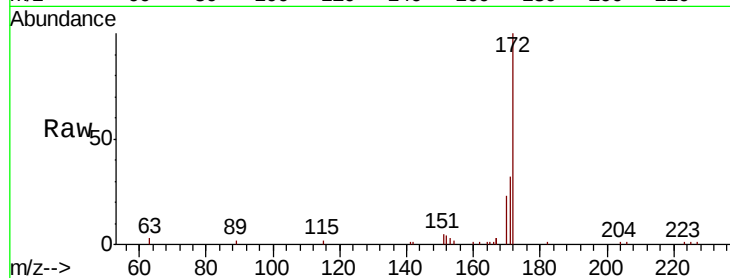




#15
 2-Fluorobiphenyl
 Concen: 0.385 ng
 RT: 13.19 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BE097748.D
 Acq: 5 Oct 2018 10:36

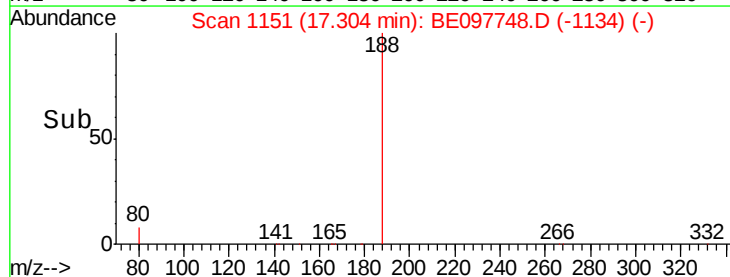
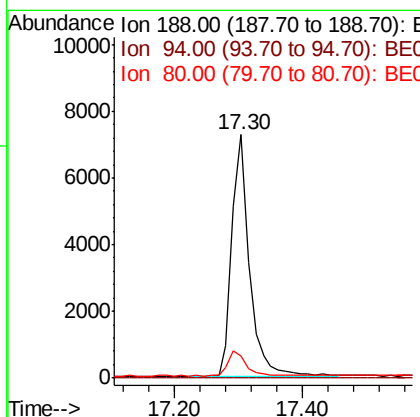
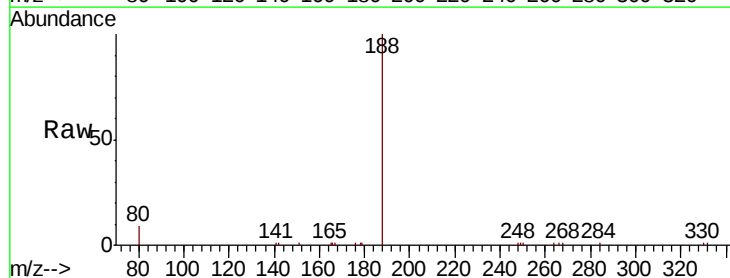
Instrument :
 BNA_E
 ClientSampleId :
 PB113432BL

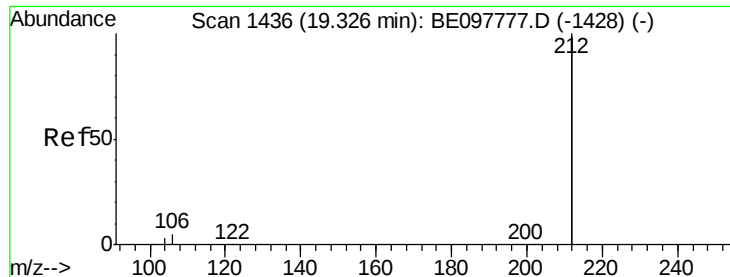
Tot Ion:172 Resp: 10203
 Ion Ratio Lower Upper
 172 100
 171 32.5 25.2 37.8
 170 22.8 16.2 24.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.30 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BE097748.D
 Acq: 5 Oct 2018 10:36

Tgt Ion:188 Resp: 13801
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.2 6.6 9.8

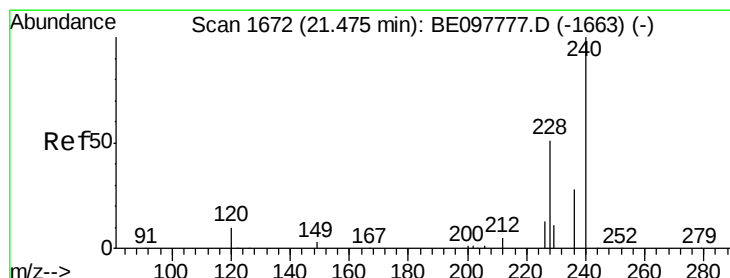
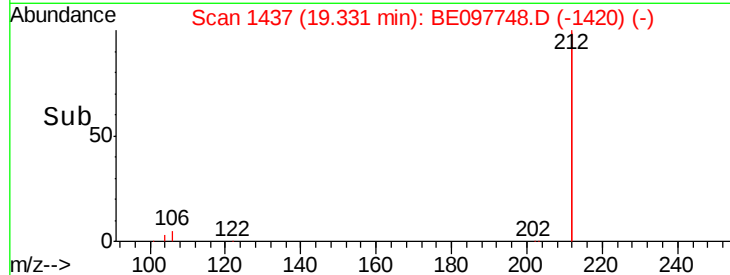
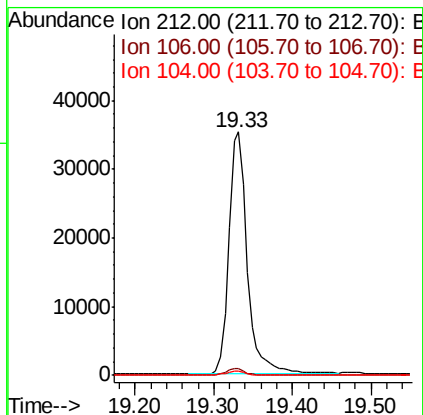
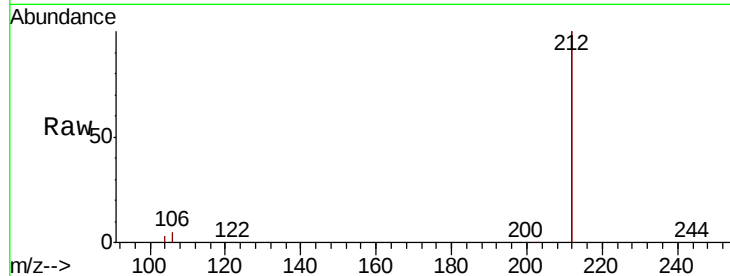




#25
 Fluoranthene-d10
 Concen: 0.331 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE097748.D
 Acq: 5 Oct 2018 10:36

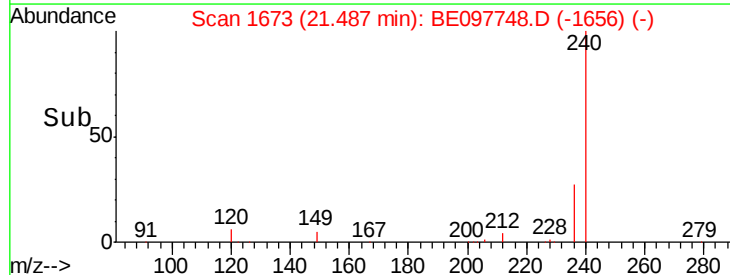
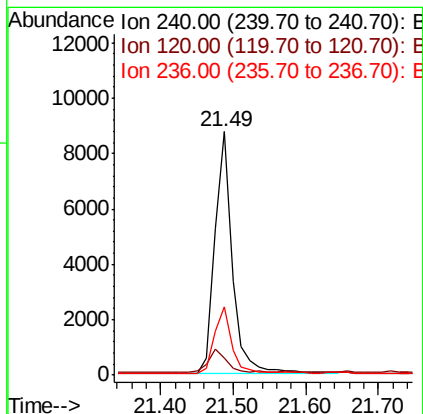
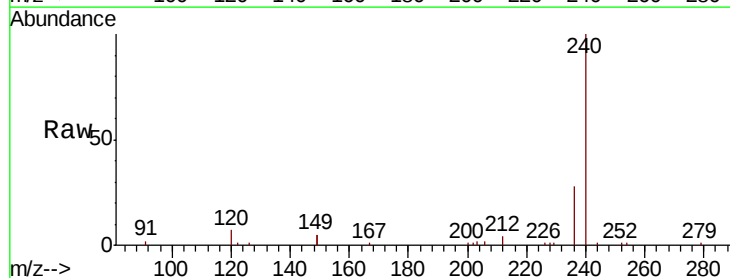
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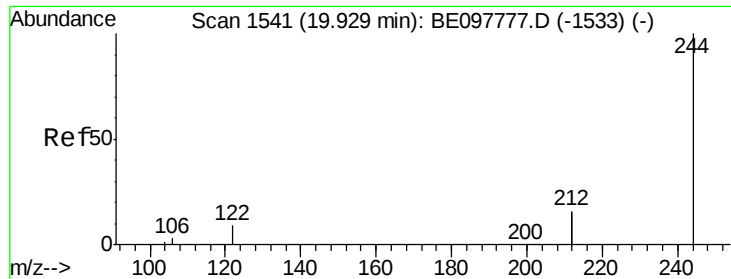
Tot Ion:212 Resp: 57773
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.2 1.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BE097748.D
 Acq: 5 Oct 2018 10:36

Tgt Ion:240 Resp: 14703
 Ion Ratio Lower Upper
 240 100
 120 6.8 4.7 7.1
 236 28.0 20.8 31.2





#29

Terphenyl-d14

Concen: 0.322 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097748.D

Acq: 5 Oct 2018 10:36

Instrument :

BNA_E

ClientSampleId :

PB113432BL

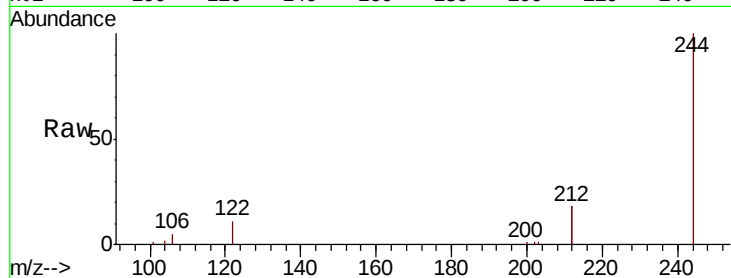
Tot Ion:244 Resp: 9671

Ion Ratio Lower Upper

244 100

212 35.1 25.8 38.8

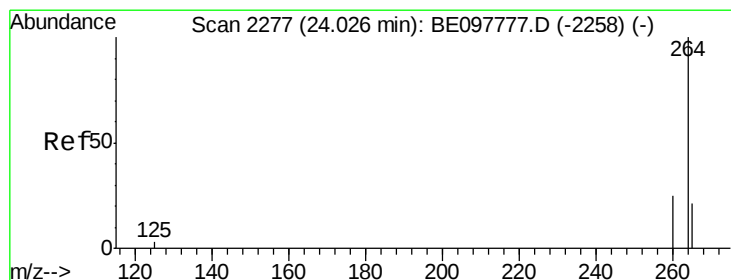
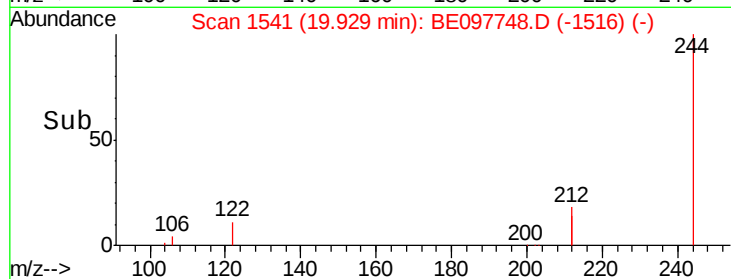
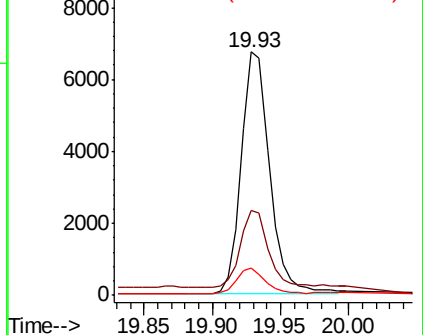
122 11.4 8.7 13.1



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: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097748.D

Acq: 5 Oct 2018 10:36

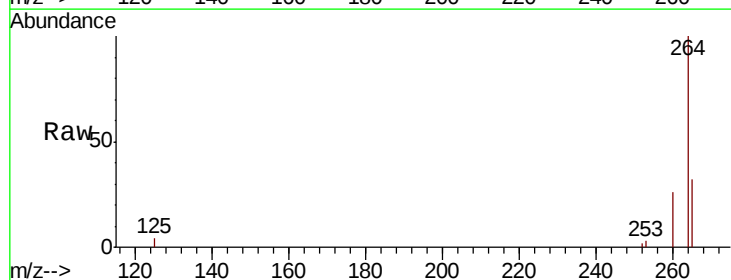
Tgt Ion:264 Resp: 15485

Ion Ratio Lower Upper

264 100

260 26.1 19.1 28.7

265 31.8 21.9 32.9



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

