

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041219\
 Data File : BE099314.D
 Acq On : 12 Apr 2019 17:15
 Operator : JU/SJ
 Sample : K2366-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 17:57:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 12 17:51:18 2019
 Response via : Initial Calibration

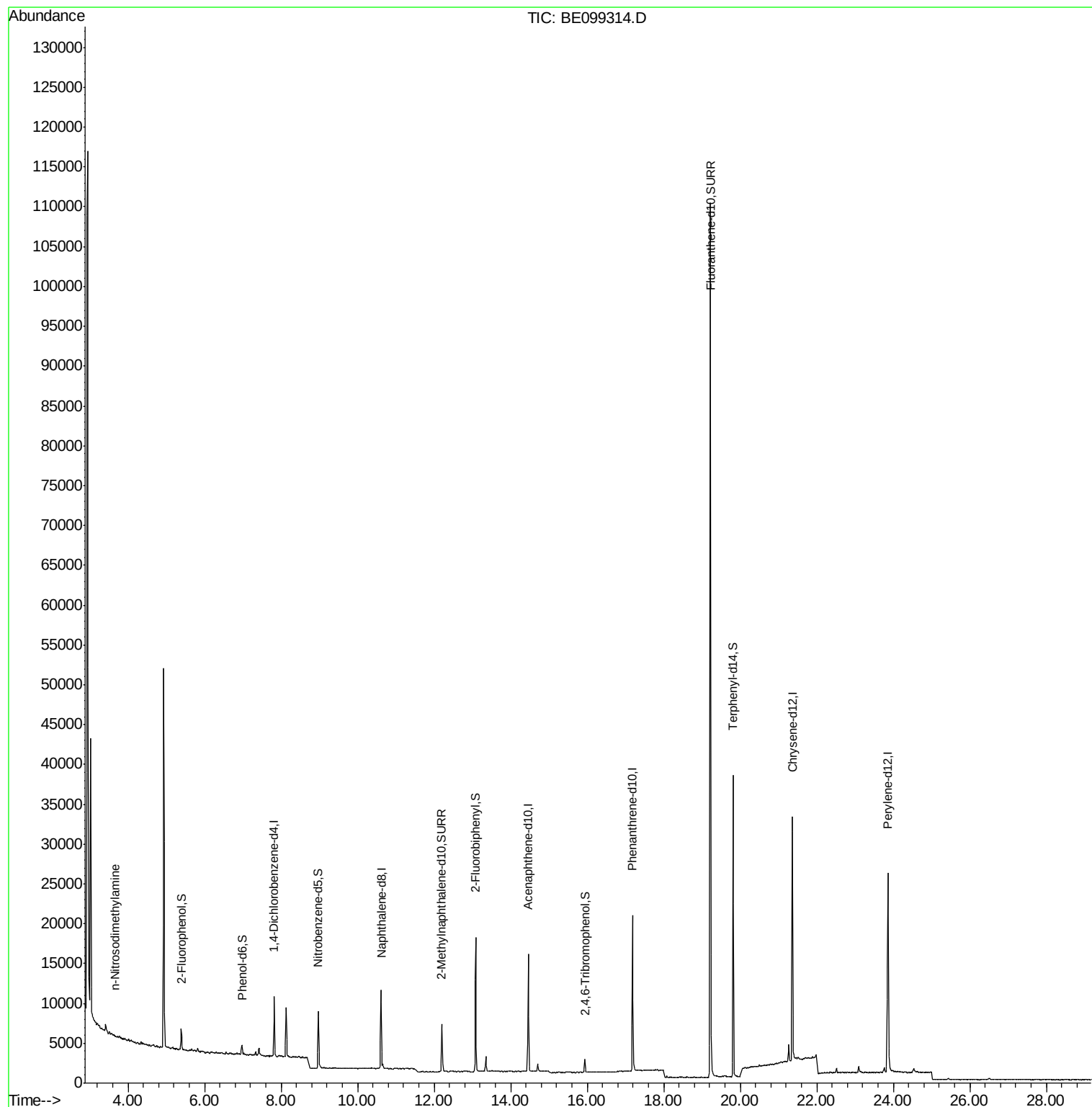
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3591	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	12763	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8628	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	26304	0.40	ng	0.00
27) Chrysene-d12	21.37	240	37373	0.40	ng	0.00
34) Perylene-d12	23.86	264	37140	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1520	0.16	ng	0.00
5) Phenol-d6	6.98	99	1201	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	3538	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	8892	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1155	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16578	0.49	ng	0.00
25) Fluoranthene-d10	19.22	212	145136	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	34678	0.51	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.65	42	106	0.037	ng	Qvalue # 1

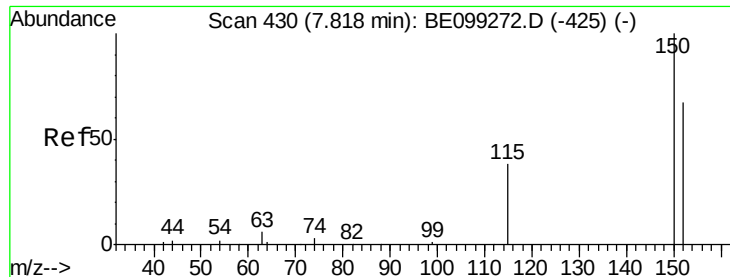
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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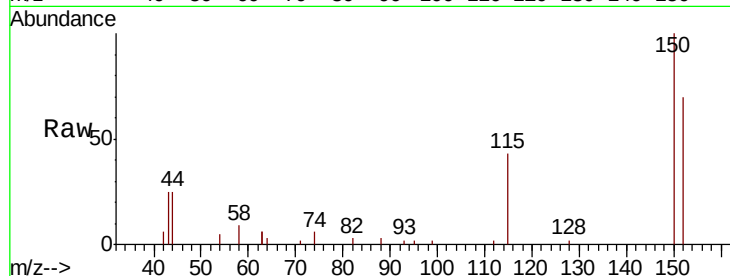


#1

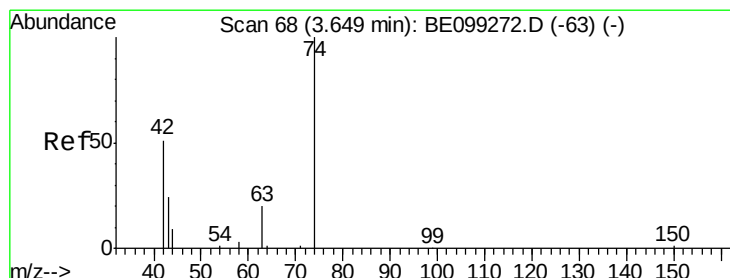
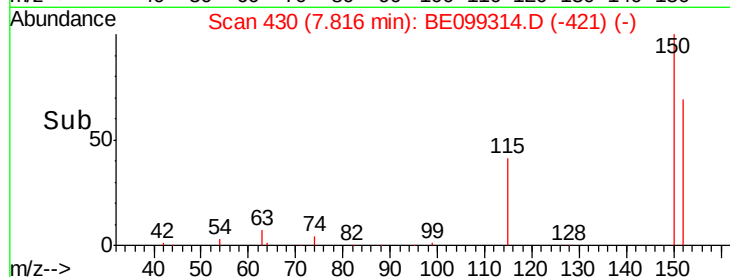
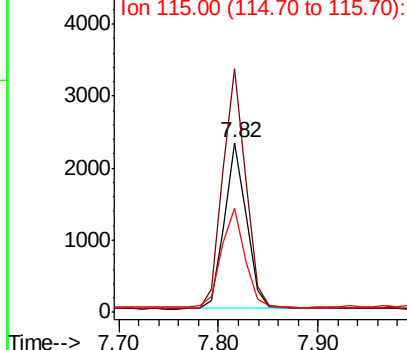
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099314.D
Acq: 12 Apr 2019 17:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3591
Ion Ratio Lower Upper
152 100
150 143.3 117.3 175.9
115 61.1 50.2 75.4



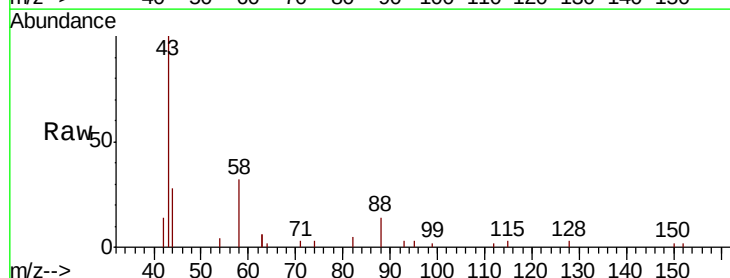
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



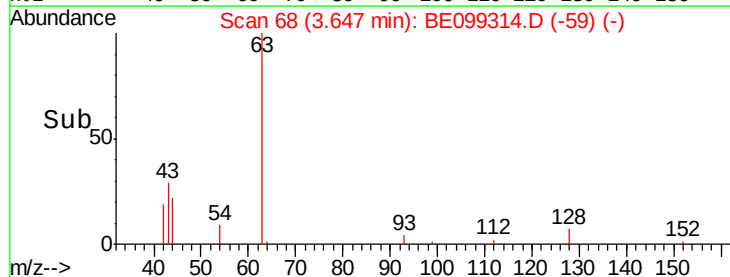
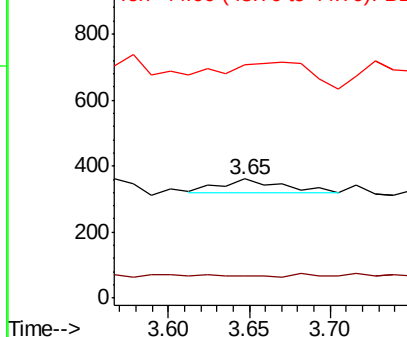
#3

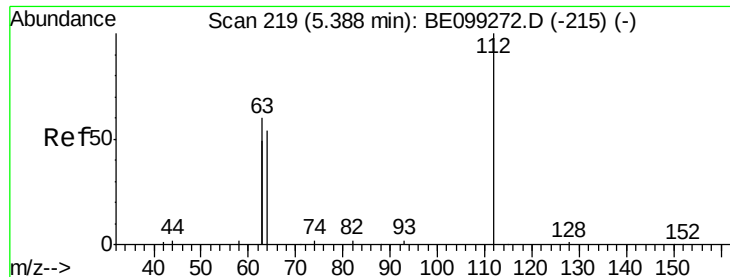
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE099314.D
Acq: 12 Apr 2019 17:15

Tgt Ion: 42 Resp: 106
Ion Ratio Lower Upper
42 100
74 0.0 138.7 208.1#
44 0.0 15.4 23.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

Instrument :

BNA_E

ClientSampleId :

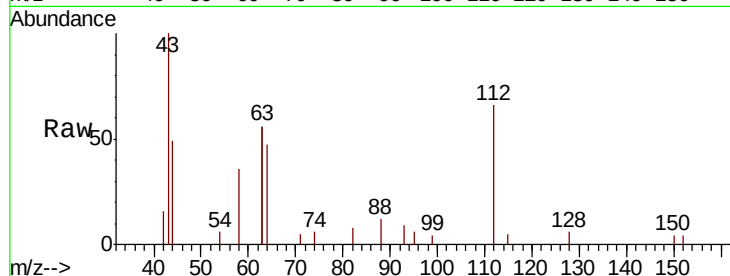
Tot Ion: 112 Resp: 1520

Ion Ratio Lower Upper

112 100

64 59.5 45.4 68.0

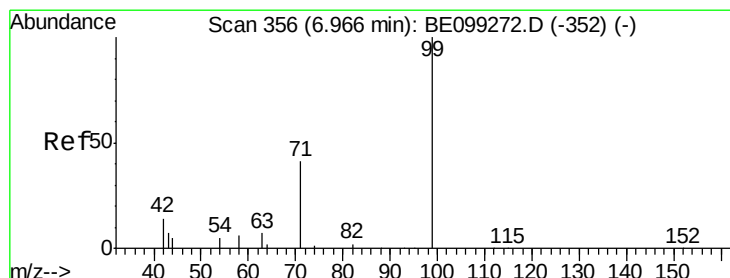
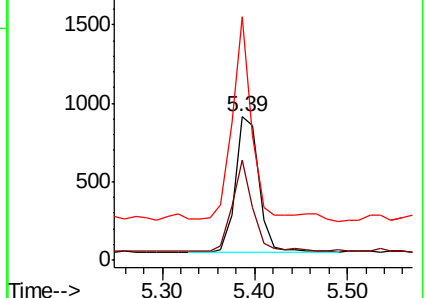
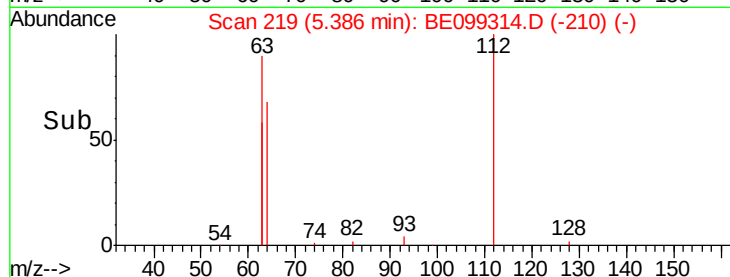
63 120.3 97.3 145.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.092 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

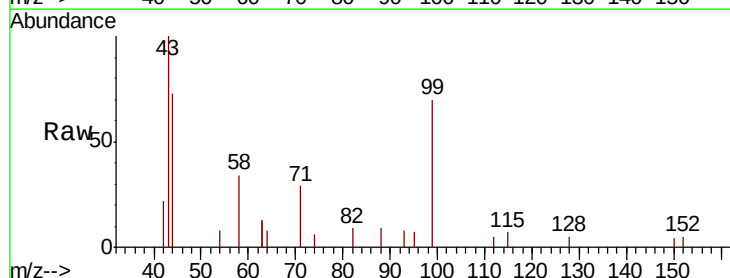
Tgt Ion: 99 Resp: 1201

Ion Ratio Lower Upper

99 100

42 19.2 13.4 20.0

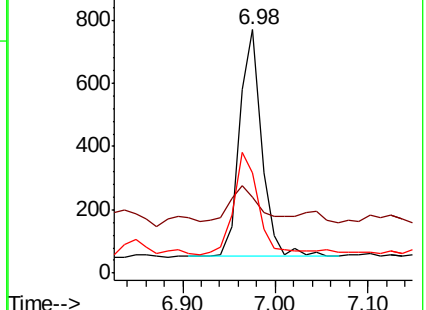
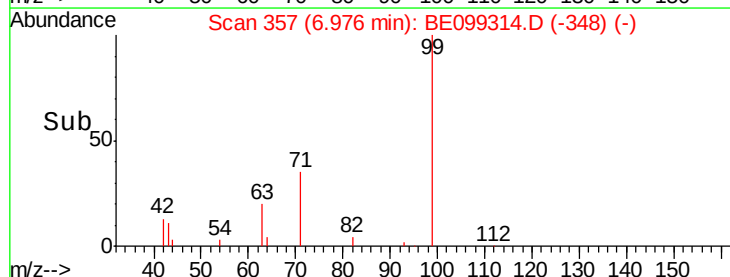
71 50.7 30.4 45.6#

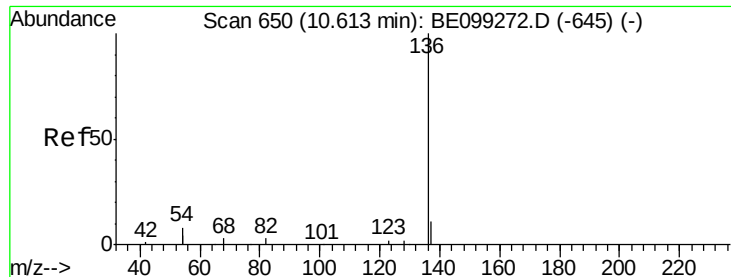


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12763

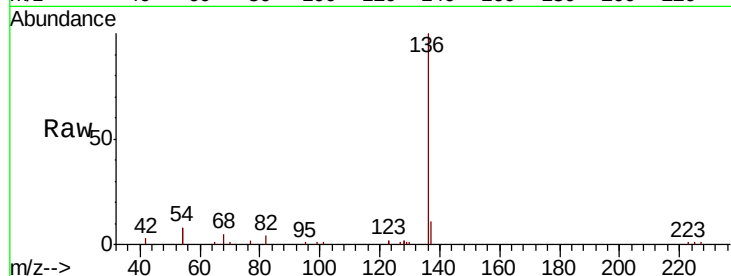
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 15.4 11.4 17.0

68 4.5 3.2 4.8

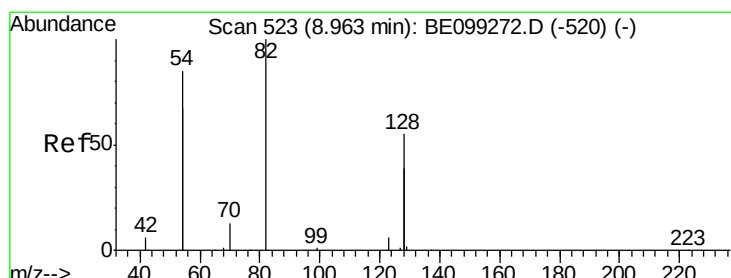
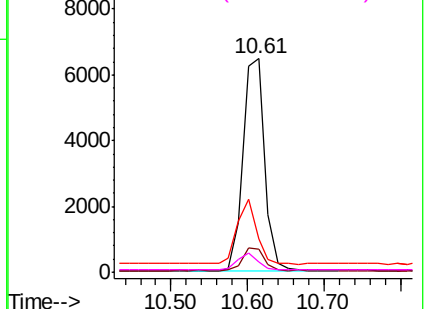
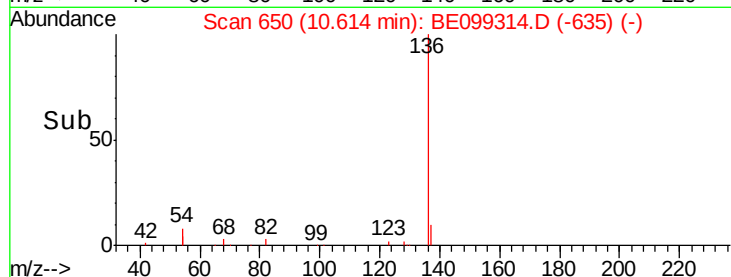


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.404 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

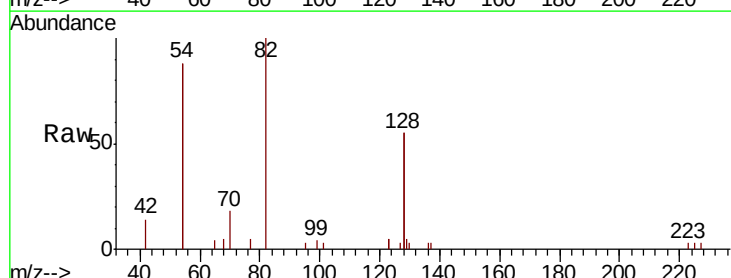
Tgt Ion: 82 Resp: 3538

Ion Ratio Lower Upper

82 100

128 110.7 86.6 130.0

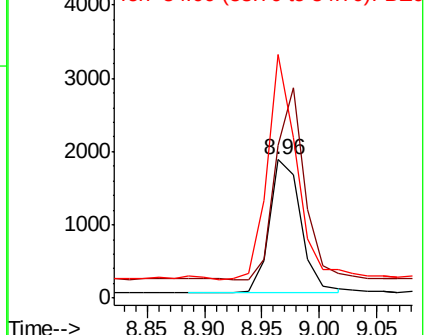
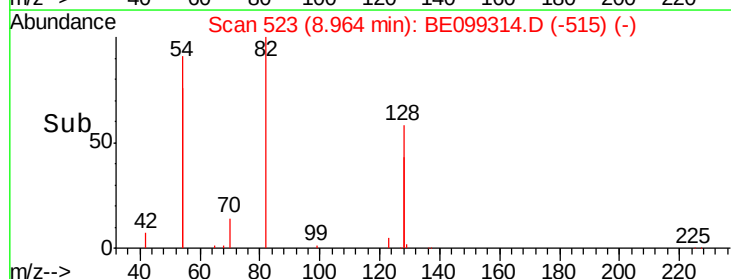
54 175.7 131.1 196.7

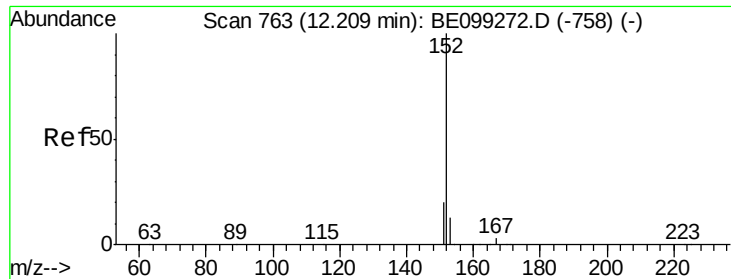


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

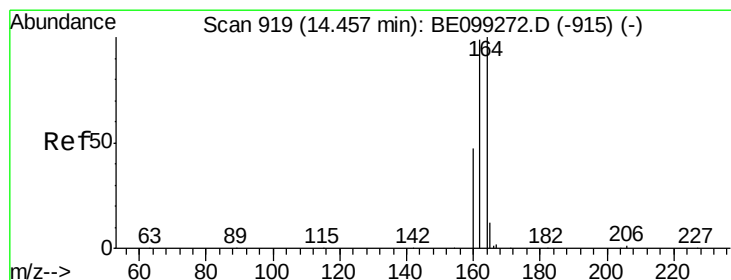
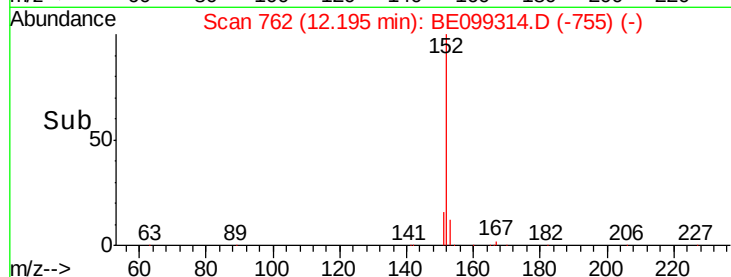
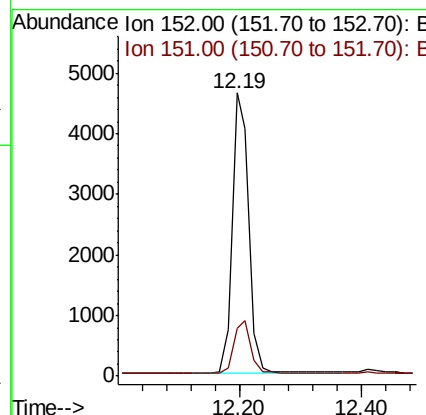
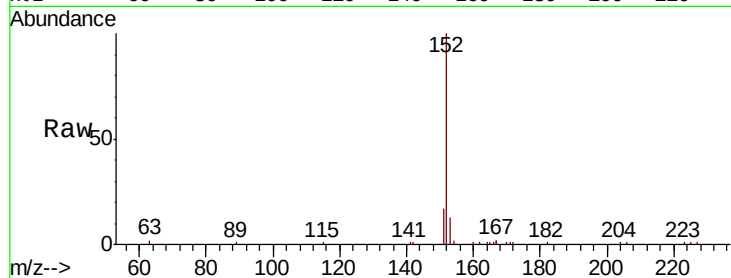




#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099314.D
 Acq: 12 Apr 2019 17:15

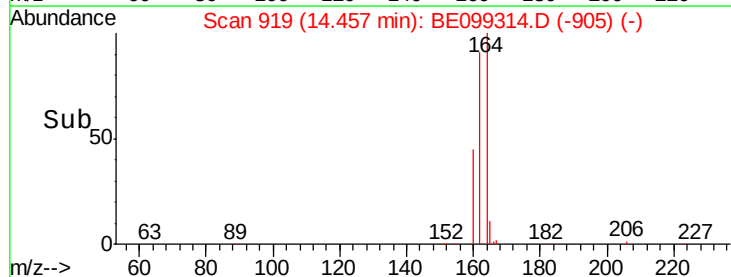
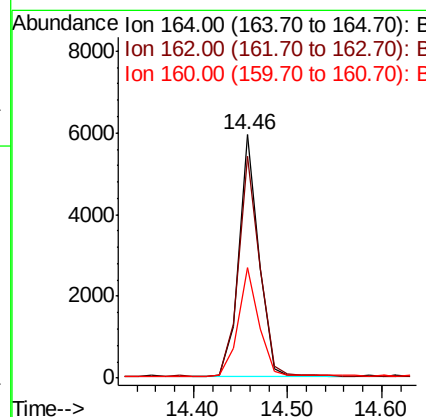
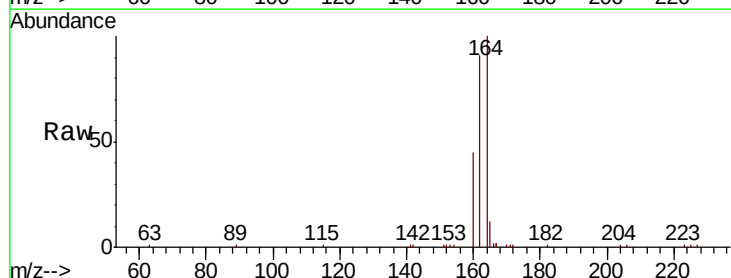
Instrument :
 BNA_E
 ClientSampled :

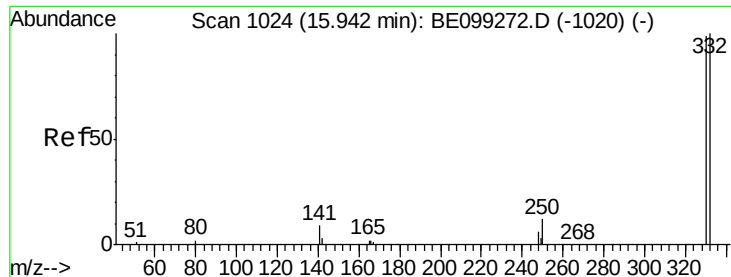
Tot Ion:152 Resp: 8892
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099314.D
 Acq: 12 Apr 2019 17:15

Tgt Ion:164 Resp: 8628
 Ion Ratio Lower Upper
 164 100
 162 91.0 78.3 117.5
 160 45.4 36.6 54.8





#14

2,4,6-Tribromophenol

Concen: 0.290 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

Instrument :

BNA_E

ClientSampleId :

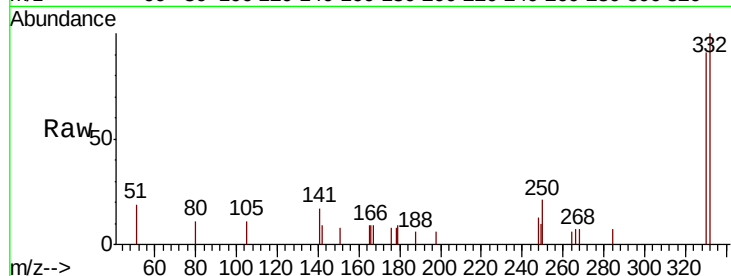
Tot Ion:330 Resp: 1155

Ion Ratio Lower Upper

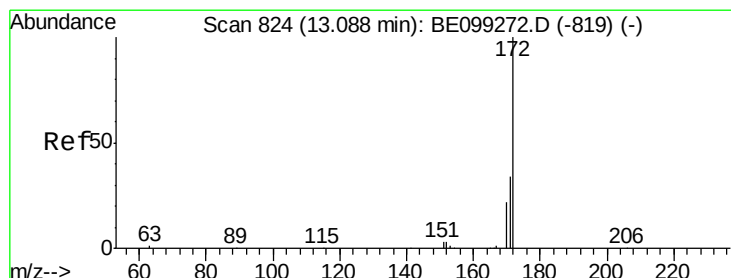
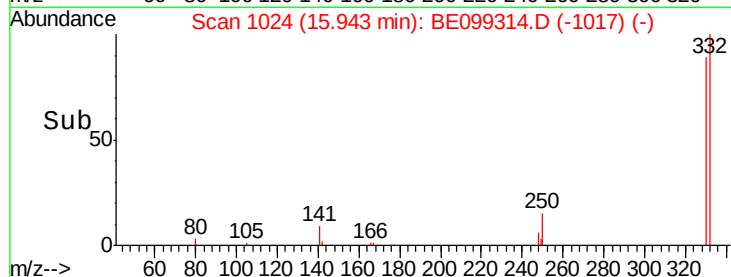
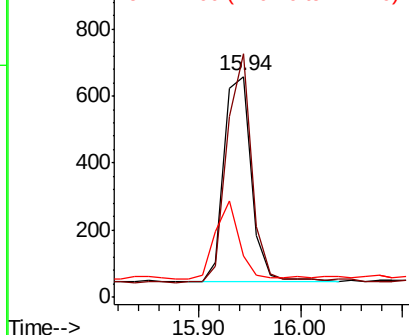
330 100

332 103.3 77.0 115.6

141 32.4 25.0 37.4



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: 0.489 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

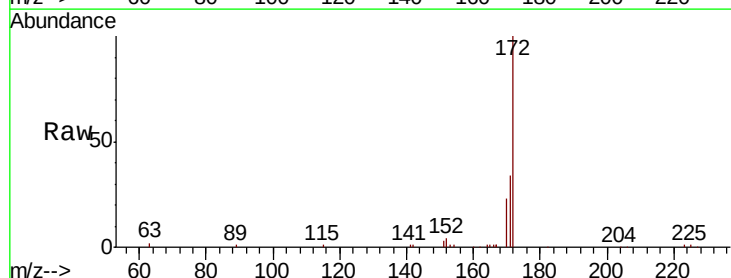
Tgt Ion:172 Resp: 16578

Ion Ratio Lower Upper

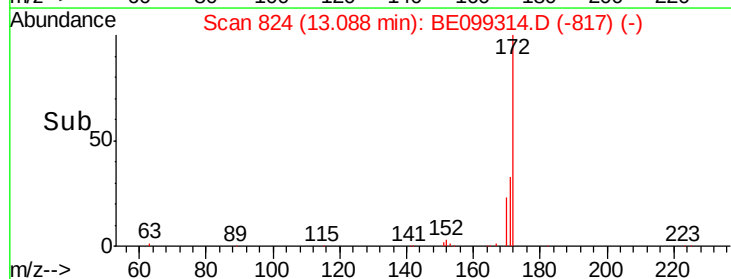
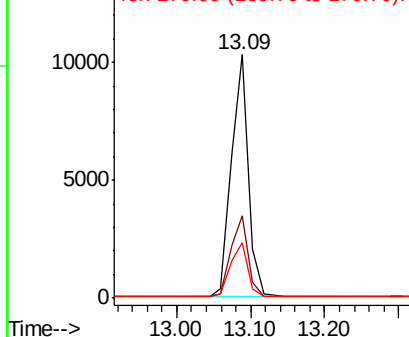
172 100

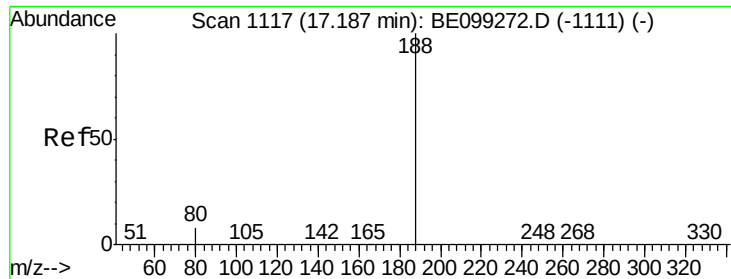
171 33.8 27.8 41.6

170 23.0 18.2 27.2



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

Instrument :

BNA_E

ClientSampled :

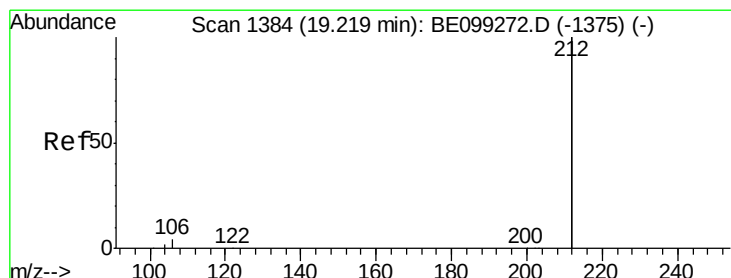
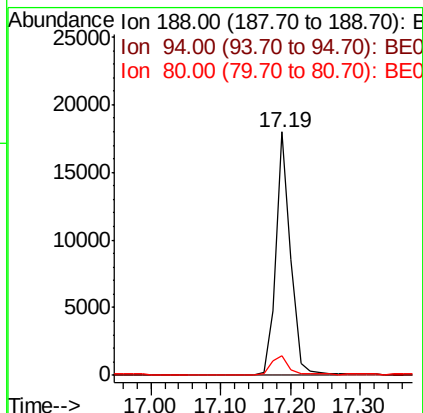
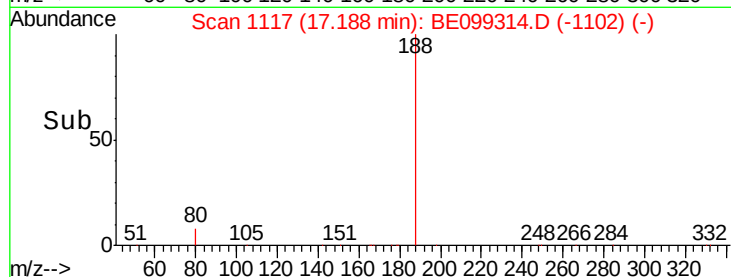
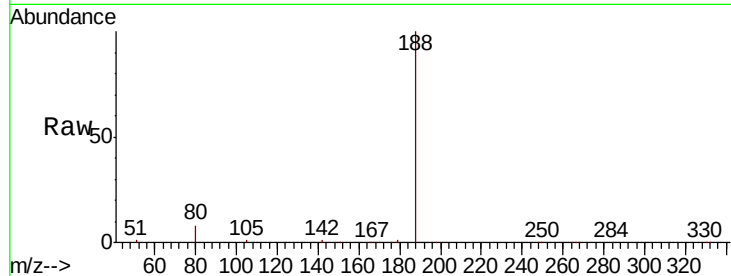
Tot Ion:188 Resp: 26304

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 5.7 8.5



#25

Fluoranthene-d10

Concen: 0.418 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

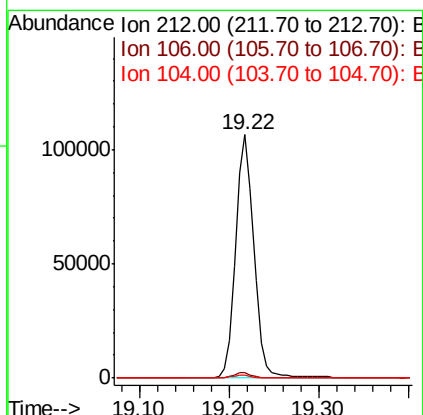
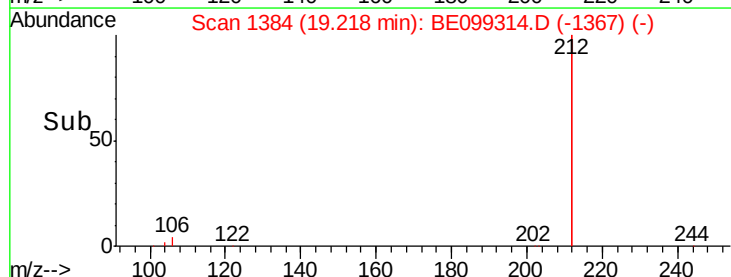
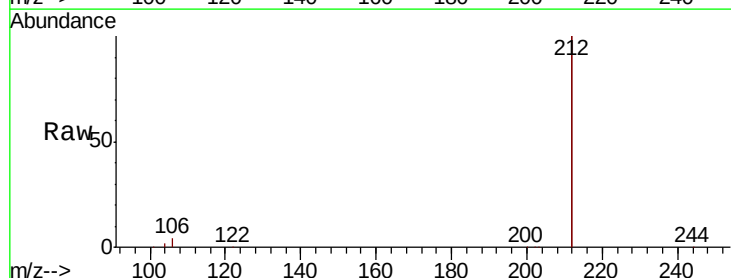
Tgt Ion:212 Resp: 145136

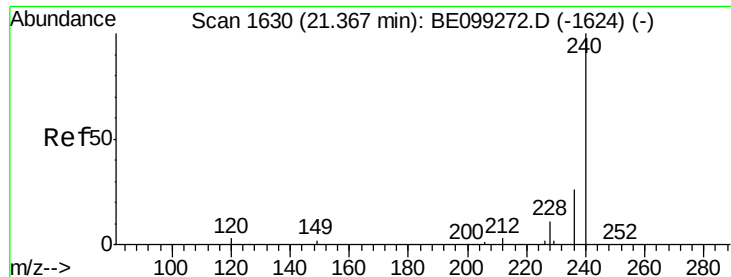
Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.6

104 1.3 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

Instrument :

BNA_E

ClientSampleId :

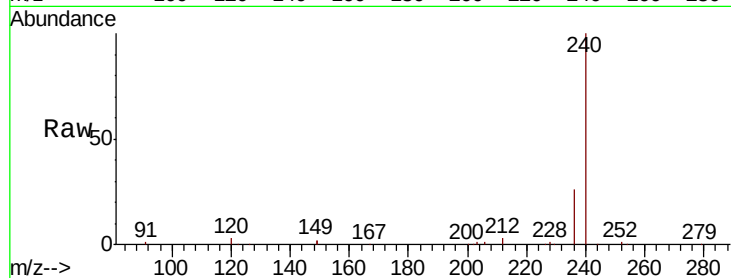
Tot Ion:240 Resp: 37373

Ion Ratio Lower Upper

240 100

120 3.0 2.4 3.6

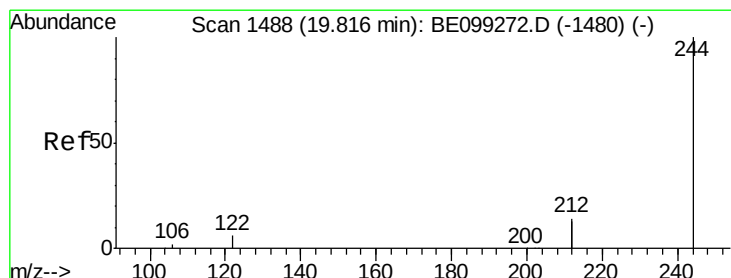
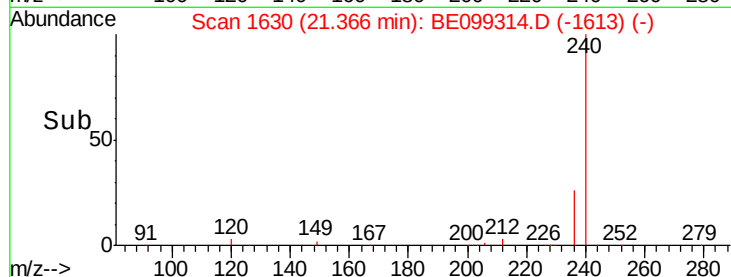
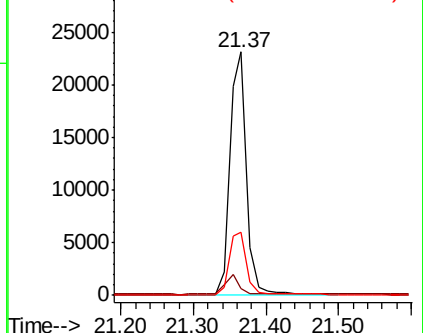
236 26.0 21.0 31.4



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: 0.509 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

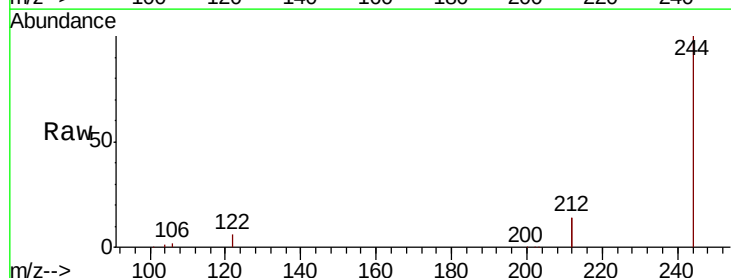
Tgt Ion:244 Resp: 34678

Ion Ratio Lower Upper

244 100

212 28.8 24.0 36.0

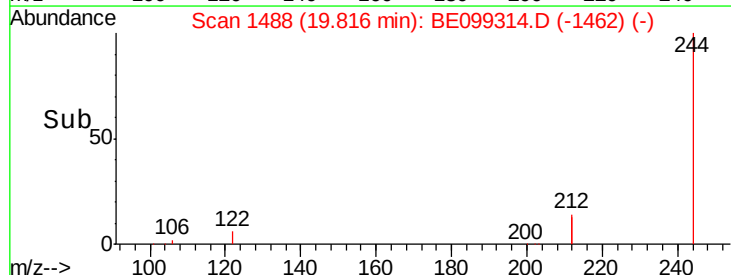
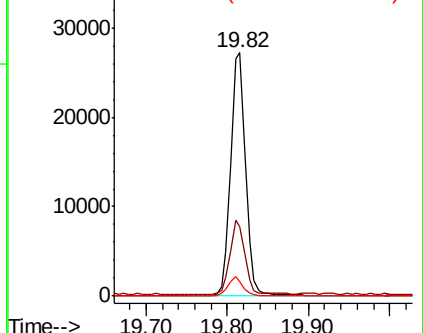
122 5.9 5.2 7.8

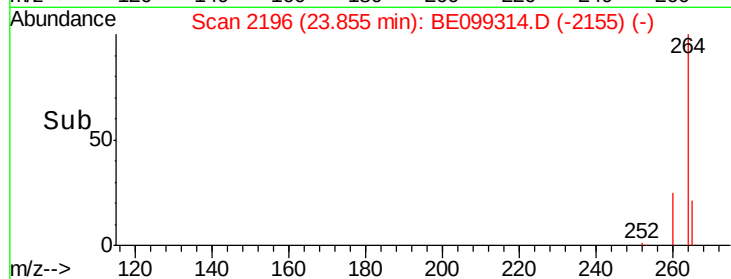
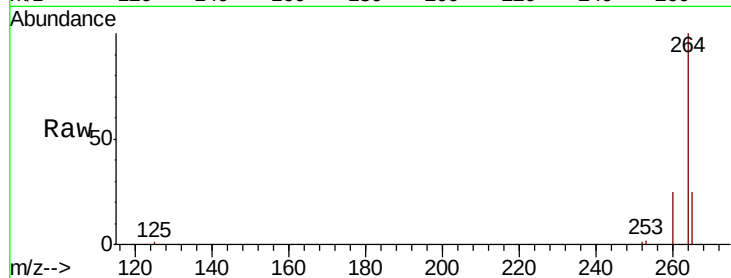
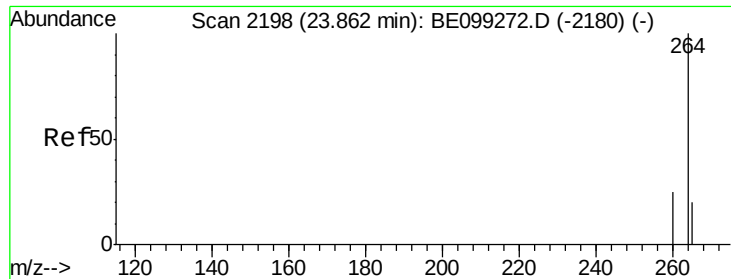


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BE099314.D

Acq: 12 Apr 2019 17:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 37140

Ion Ratio Lower Upper

264 100

260 25.5 19.9 29.9

265 24.7 19.8 29.6

