

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041219\
 Data File : BE099312.D
 Acq On : 12 Apr 2019 16:00
 Operator : JU/SJ
 Sample : K2366-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 12 17:56:48 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

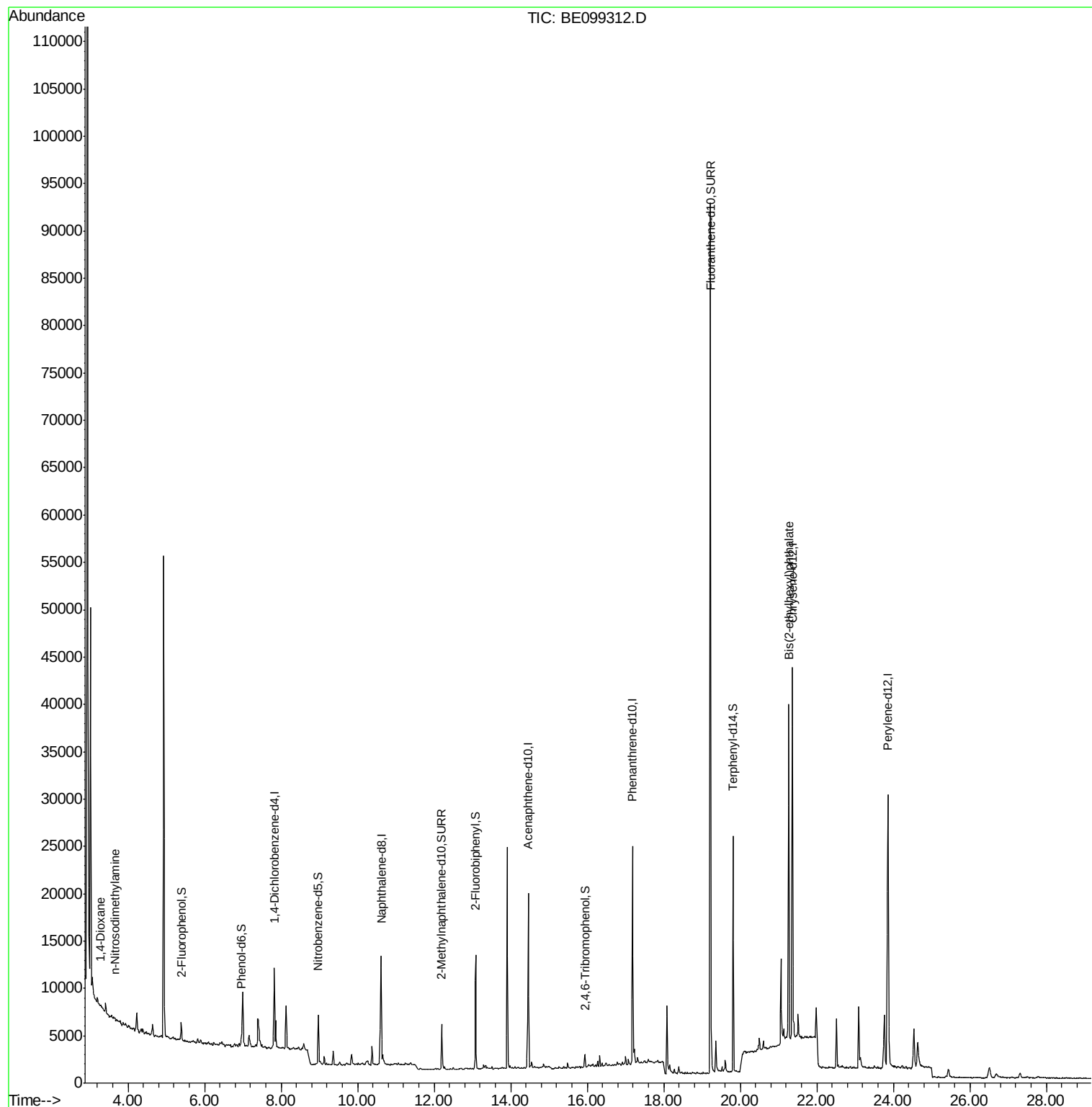
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4130	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	15089	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10187	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	31468	0.40	ng	0.00
27) Chrysene-d12	21.37	240	45021	0.40	ng	0.00
34) Perylene-d12	23.86	264	43857	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	990	0.09	ng	0.00
5) Phenol-d6	6.97	99	799	0.05	ng	0.00
8) Nitrobenzene-d5	8.96	82	2652	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	6434	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	917	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	12192	0.30	ng	0.00
25) Fluoranthene-d10	19.22	212	116132	0.28	ng	0.00
29) Terphenyl-d14	19.82	244	22867	0.28	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	563	0.100	ng	Qvalue # 29
3) n-Nitrosodimethylamine	3.66	42	84	0.025	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.27	149	44428	0.246	ng	100

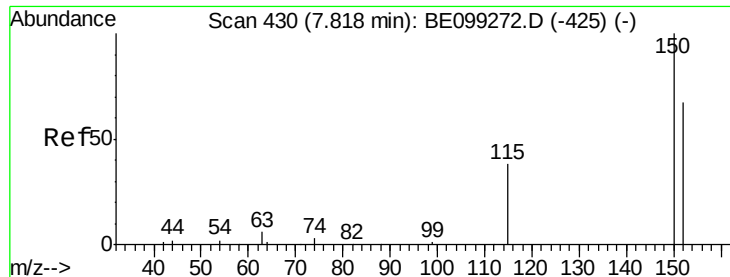
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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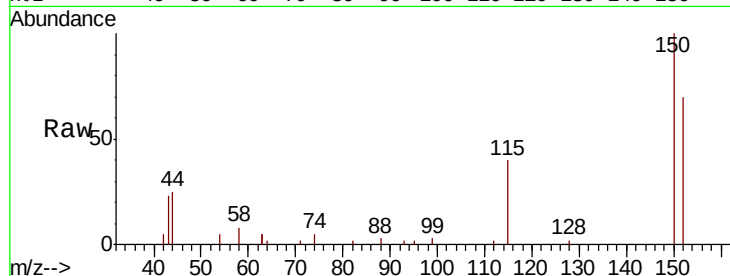


#1

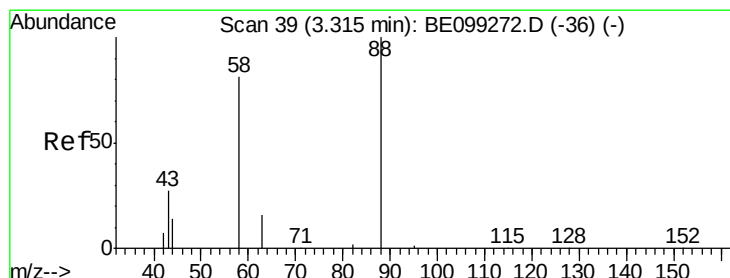
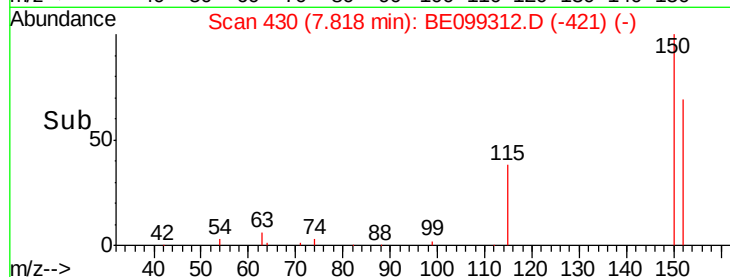
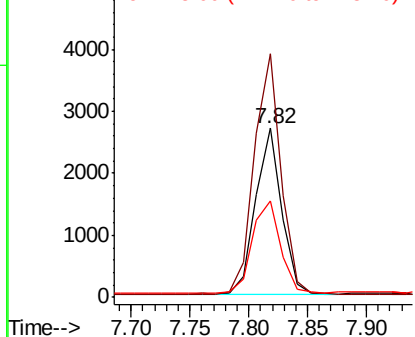
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099312.D
Acq: 12 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4130
Ion Ratio Lower Upper
152 100
150 143.8 117.3 175.9
115 57.2 50.2 75.4



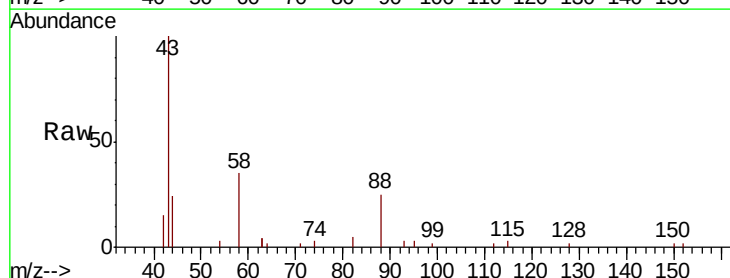
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



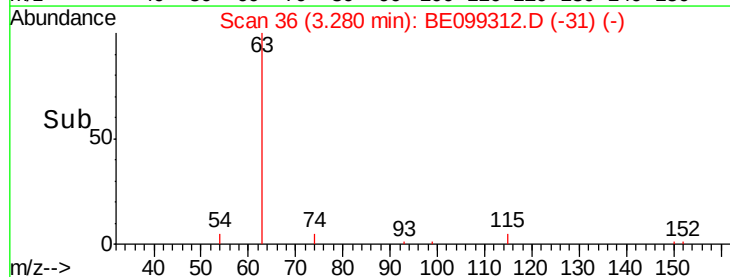
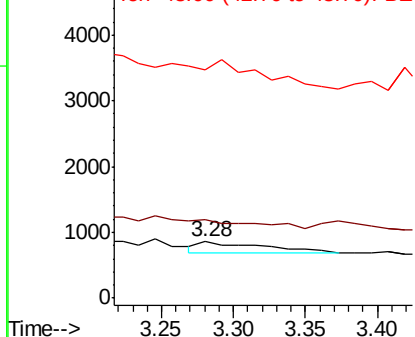
#2

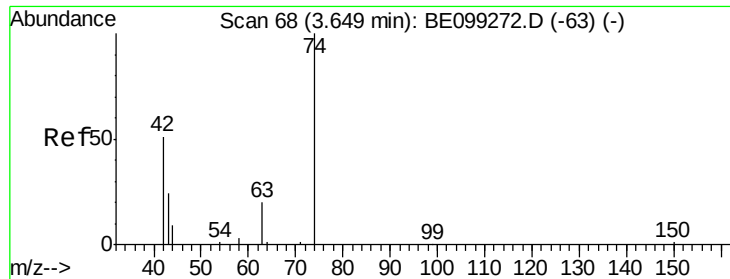
1,4-Dioxane
Concen: 0.100 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.04 min
Lab File: BE099312.D
Acq: 12 Apr 2019 16:00

Tgt Ion: 88 Resp: 563
Ion Ratio Lower Upper
88 100
58 0.0 48.0 72.0#
43 0.0 18.6 27.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.01 min

Lab File: BE099312.D

Acq: 12 Apr 2019 16:00

Instrument :

BNA_E

ClientSampleId :

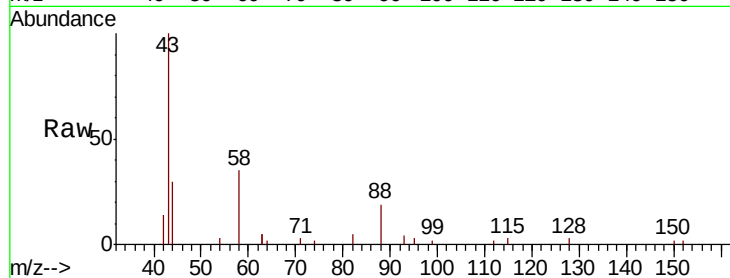
Tot Ion: 42 Resp: 84

Ion Ratio Lower Upper

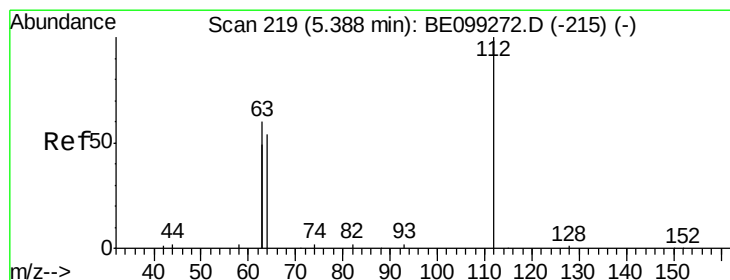
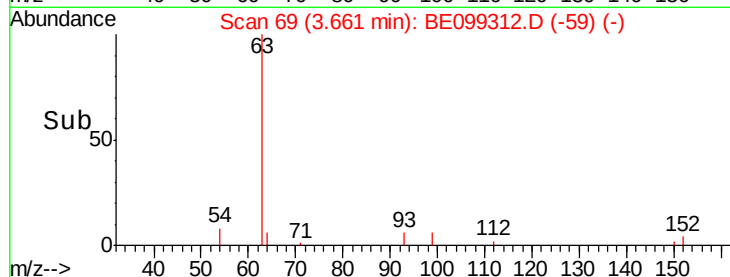
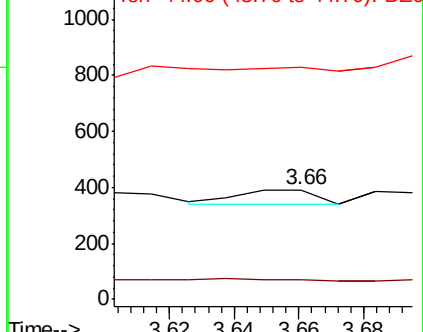
42 100

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: 0.090 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099312.D

Acq: 12 Apr 2019 16:00

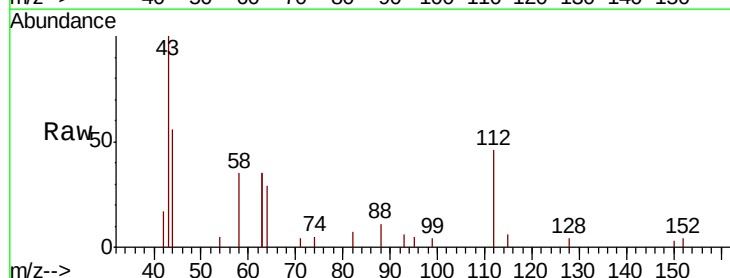
Tgt Ion: 112 Resp: 990

Ion Ratio Lower Upper

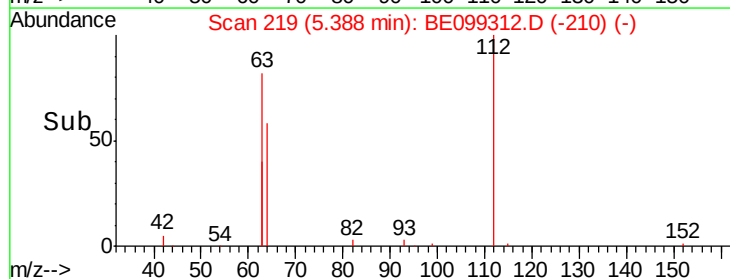
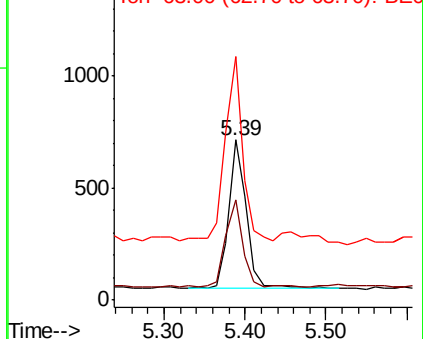
112 100

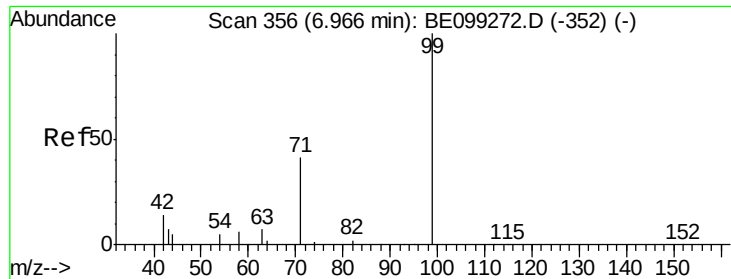
64 56.6 45.4 68.0

63 119.6 97.3 145.9



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: 0.053 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099312.D

Acq: 12 Apr 2019 16:00

Instrument :

BNA_E

ClientSampleId :

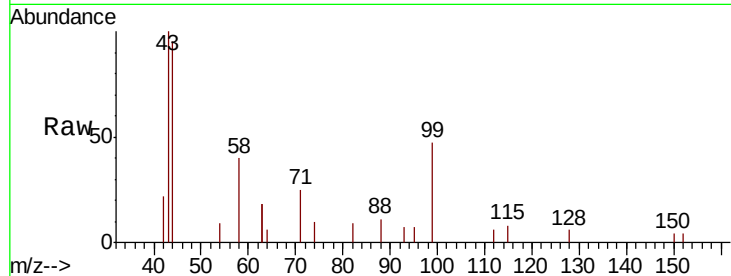
Tot Ion: 99 Resp: 799

Ion Ratio Lower Upper

99 100

42 0.0 13.4 20.0#

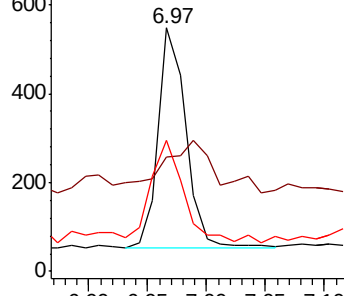
71 52.8 30.4 45.6#



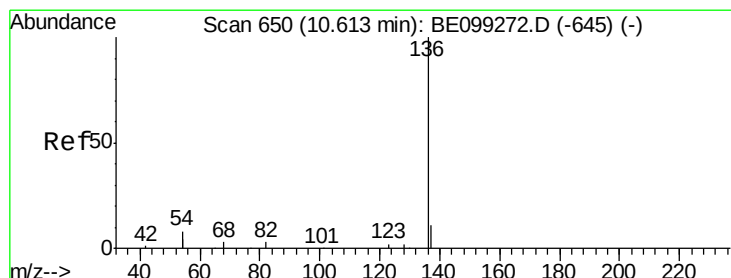
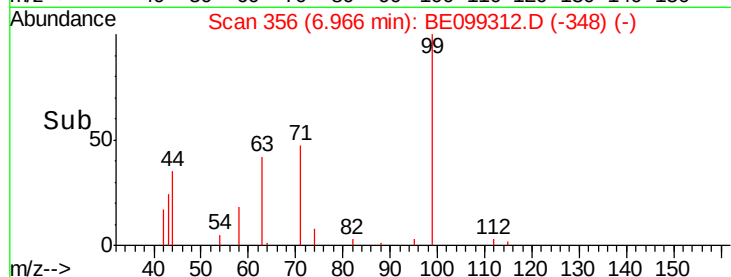
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099312.D

Acq: 12 Apr 2019 16:00

Tgt Ion: 136 Resp: 15089

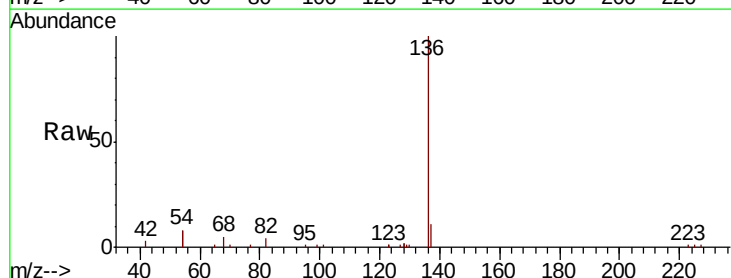
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 15.1 11.4 17.0

68 4.5 3.2 4.8

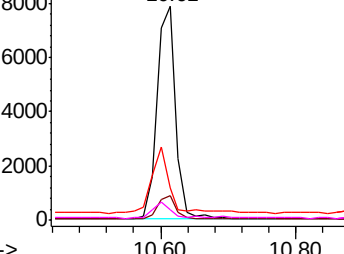


Abundance Ion 136.00 (135.70 to 136.70): E

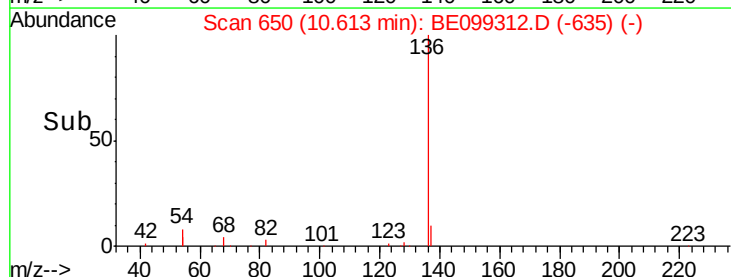
Ion 137.00 (136.70 to 137.70): E

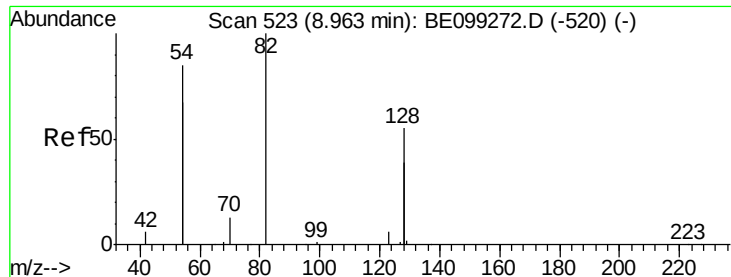
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

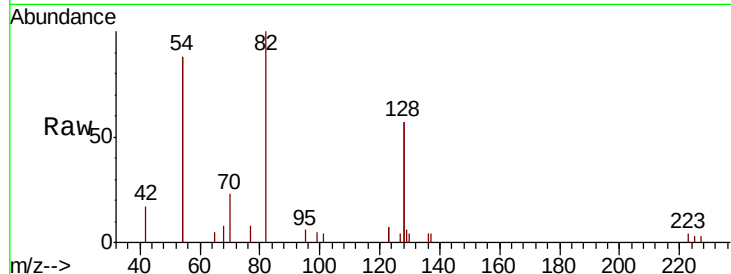




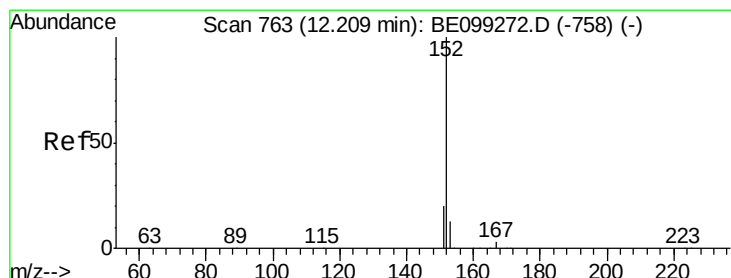
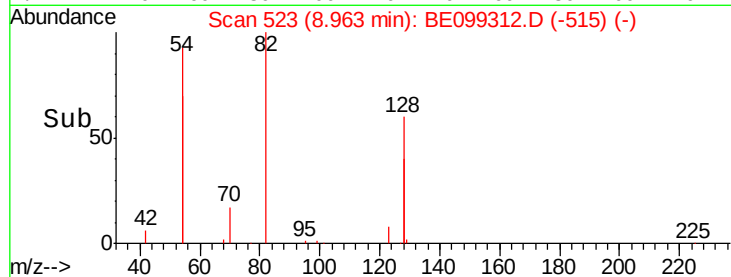
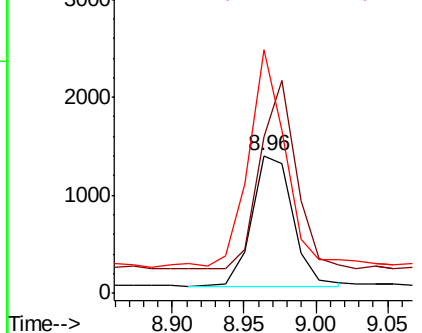
#8
 Nitrobenzene-d5
 Concen: 0.256 ng
 RT: 8.96 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BE099312.D
 Acq: 12 Apr 2019 16:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 2652
 Ion Ratio Lower Upper
 82 100
 128 113.2 86.6 130.0
 54 176.4 131.1 196.7

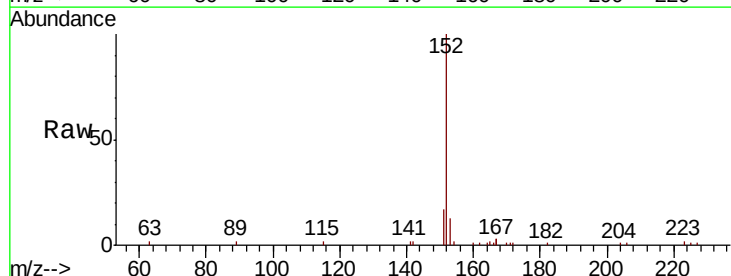


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

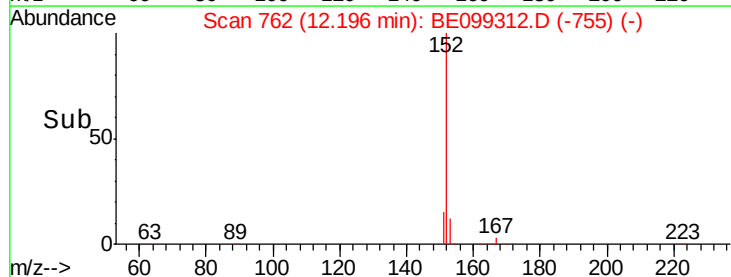
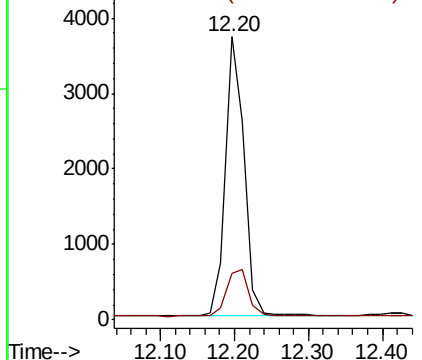


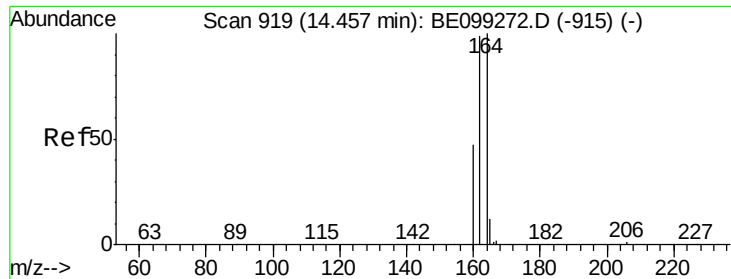
#11
 2-Methylnaphthalene-d10
 Concen: 0.244 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099312.D
 Acq: 12 Apr 2019 16:00

Tgt Ion: 152 Resp: 6434
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.4 23.2



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

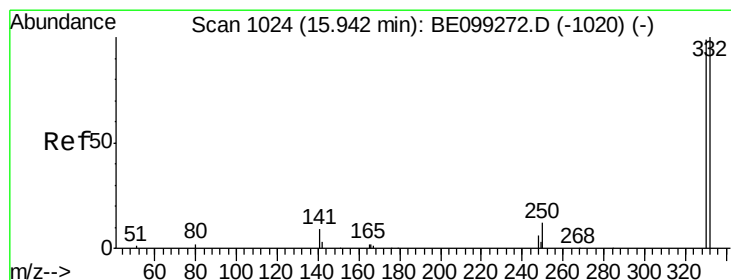
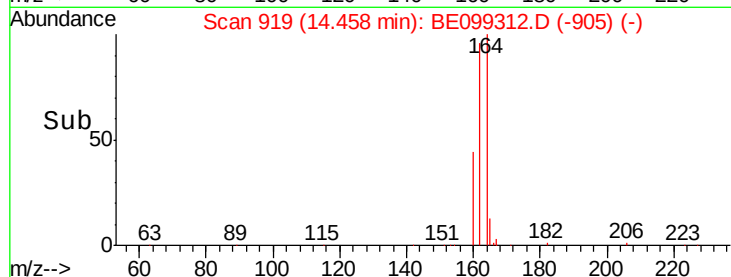
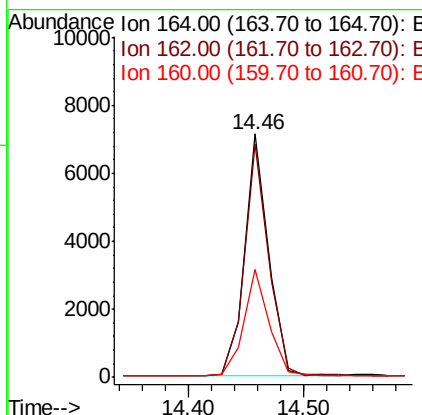
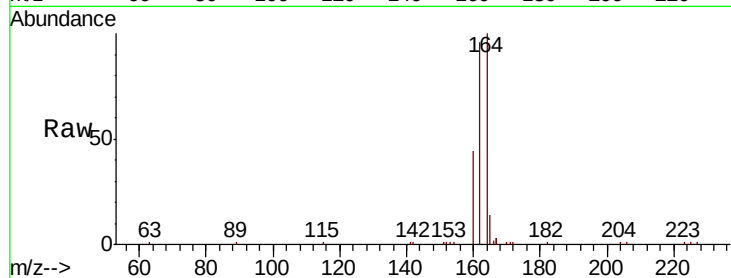




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099312.D
 Acq: 12 Apr 2019 16:00

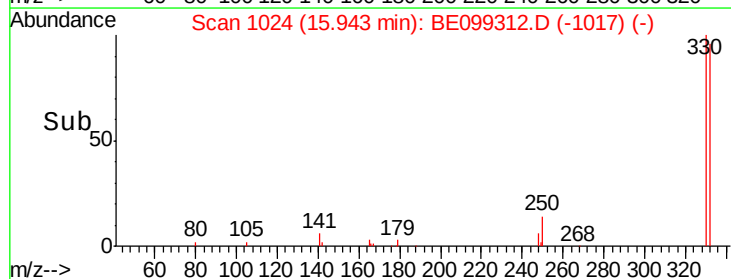
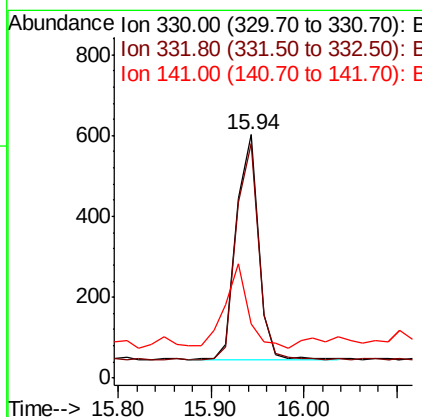
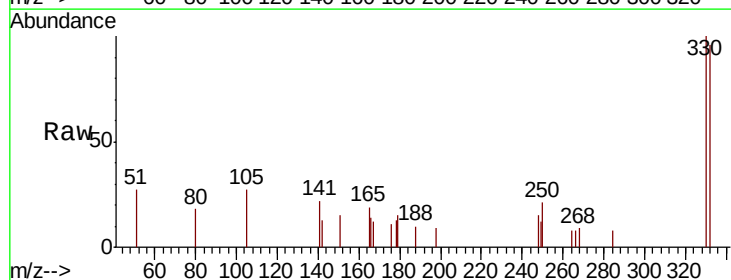
Instrument :
 BNA_E
 ClientSampleId :

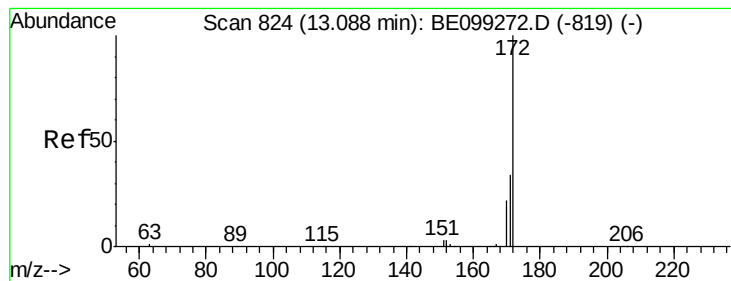
Tot Ion:164 Resp: 10187
 Ion Ratio Lower Upper
 164 100
 162 95.8 78.3 117.5
 160 44.5 36.6 54.8



#14
 2,4,6-Tribromophenol
 Concen: 0.195 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099312.D
 Acq: 12 Apr 2019 16:00

Tgt Ion:330 Resp: 917
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 39.1 25.0 37.4#

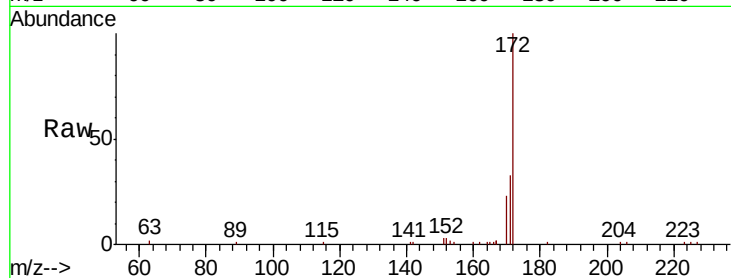




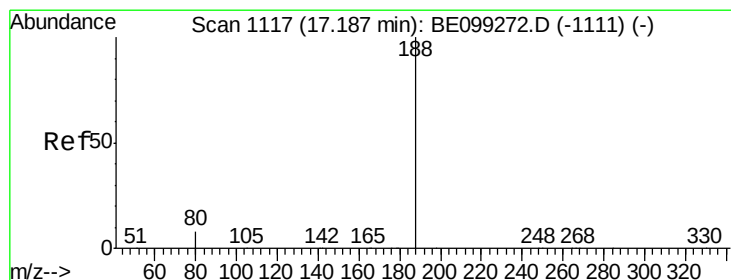
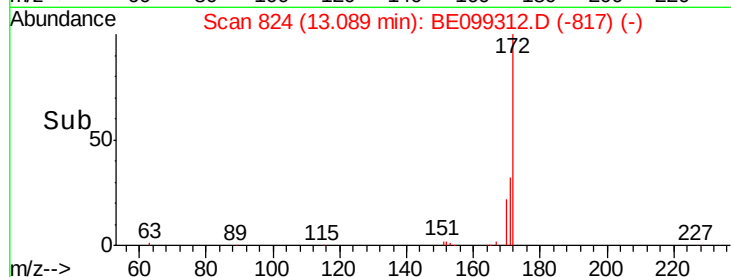
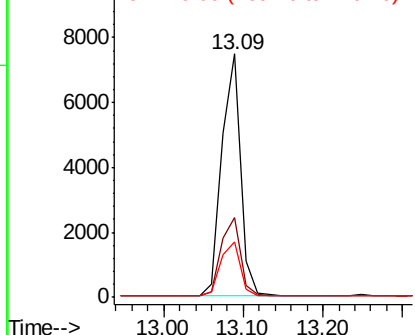
#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099312.D
Acq: 12 Apr 2019 16:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12192
Ion Ratio Lower Upper
172 100
171 32.5 27.8 41.6
170 23.0 18.2 27.2

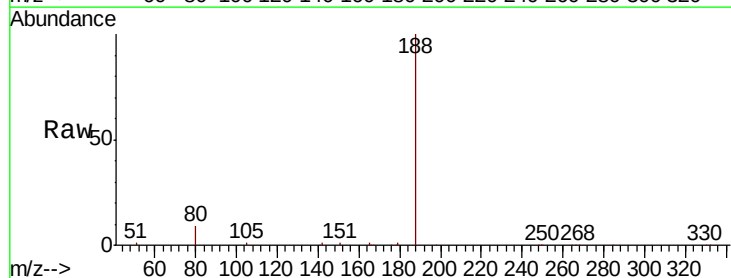


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

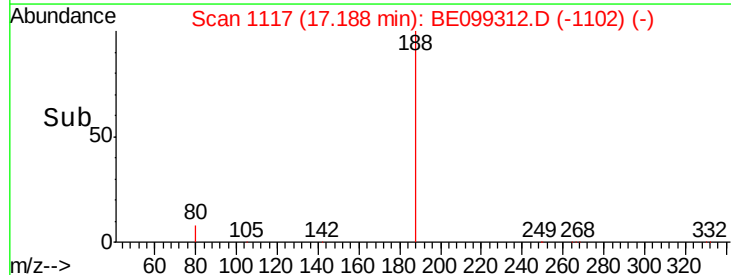
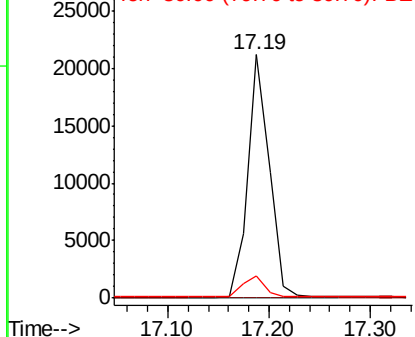


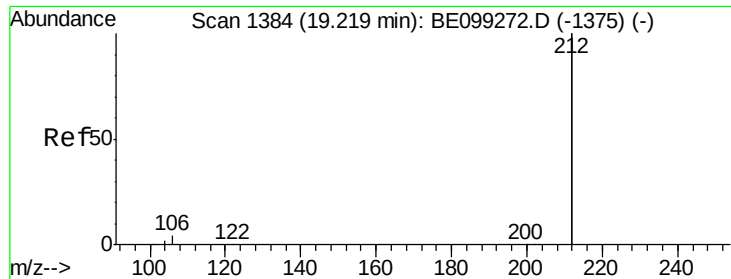
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099312.D
Acq: 12 Apr 2019 16:00

Tgt Ion:188 Resp: 31468
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 5.7 8.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.280 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099312.D

Acq: 12 Apr 2019 16:00

Instrument :

BNA_E

ClientSampleId :

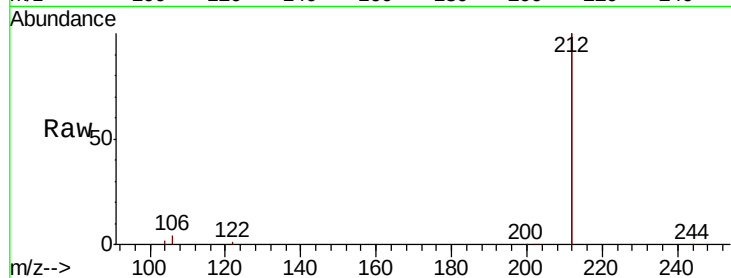
Tot Ion:212 Resp: 116132

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.6

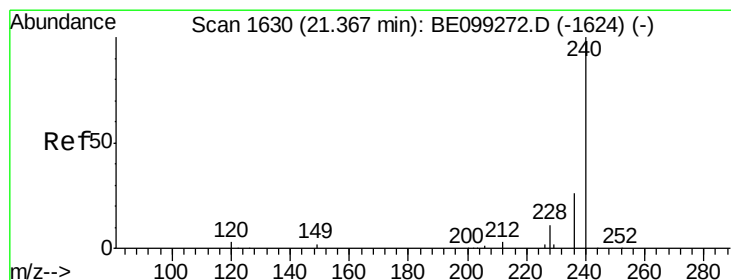
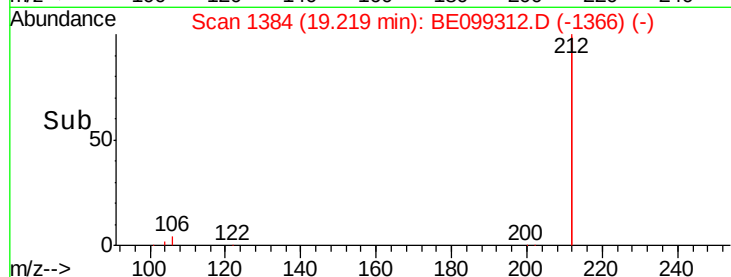
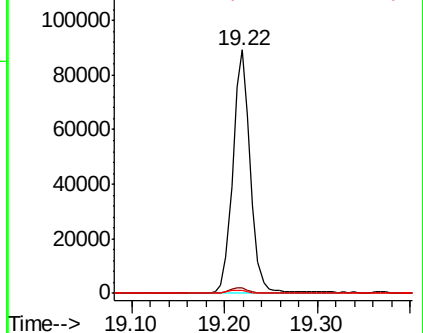
104 1.3 1.0 1.6



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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099312.D

Acq: 12 Apr 2019 16:00

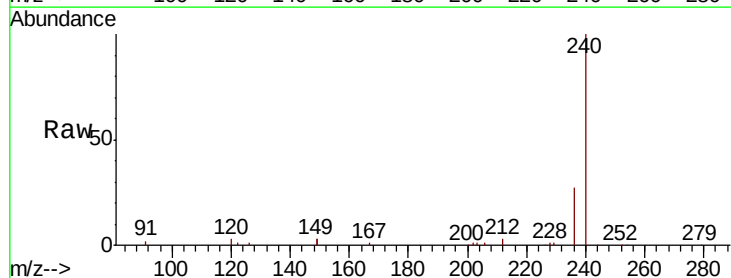
Tgt Ion:240 Resp: 45021

Ion Ratio Lower Upper

240 100

120 3.2 2.4 3.6

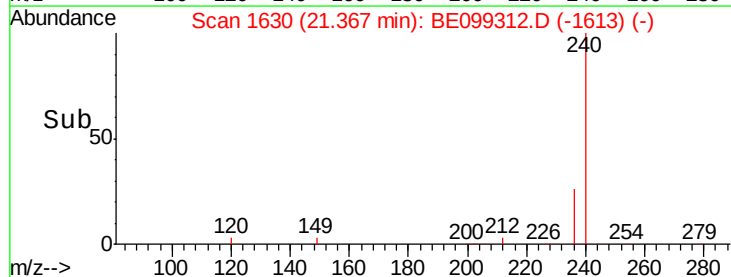
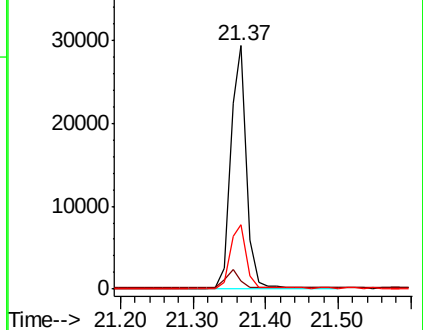
236 26.6 21.0 31.4

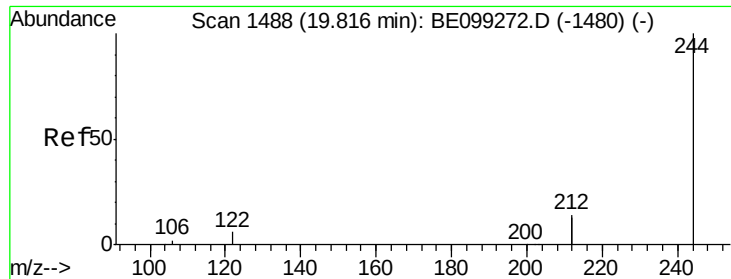


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.278 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099312.D

Acq: 12 Apr 2019 16:00

Instrument :

BNA_E

ClientSampled :

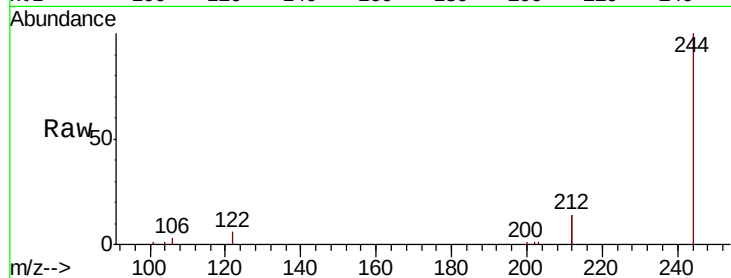
Tot Ion:244 Resp: 22867

Ion Ratio Lower Upper

244 100

212 28.6 24.0 36.0

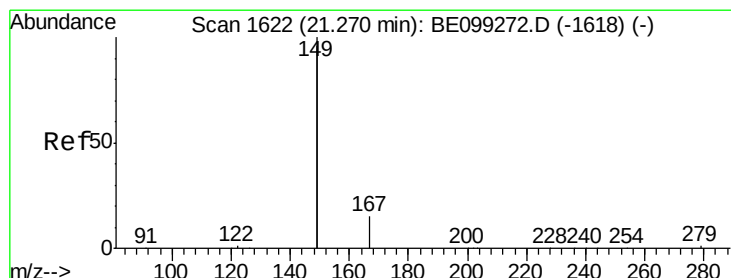
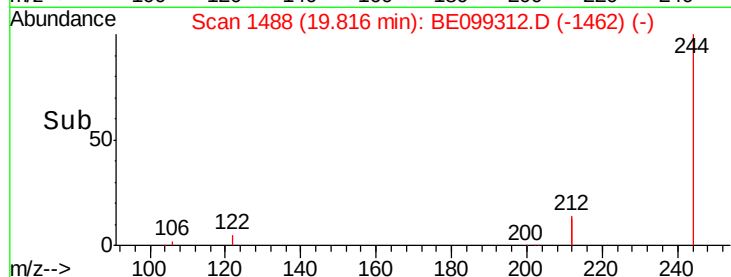
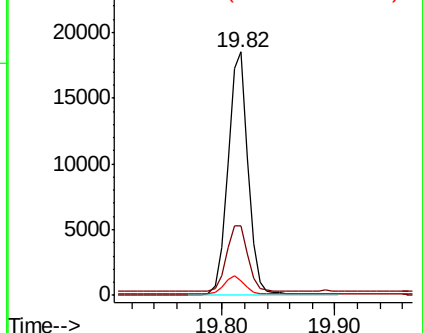
122 6.0 5.2 7.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.246 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099312.D

Acq: 12 Apr 2019 16:00

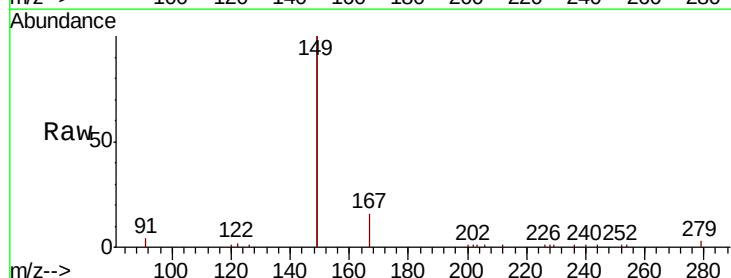
Tgt Ion:149 Resp: 44428

Ion Ratio Lower Upper

149 100

167 7.5 6.1 9.1

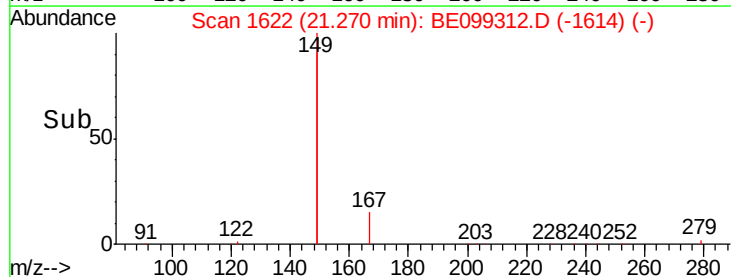
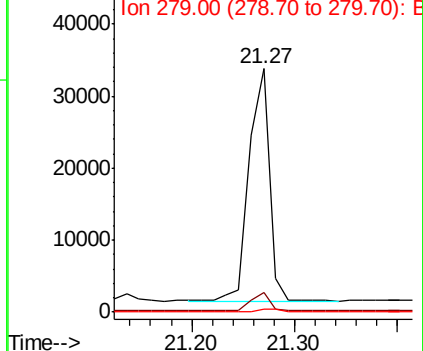
279 1.1 1.0 1.4

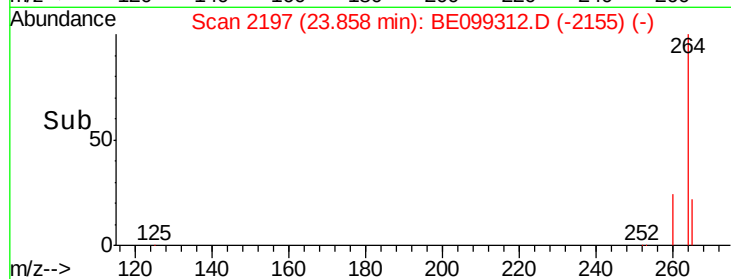
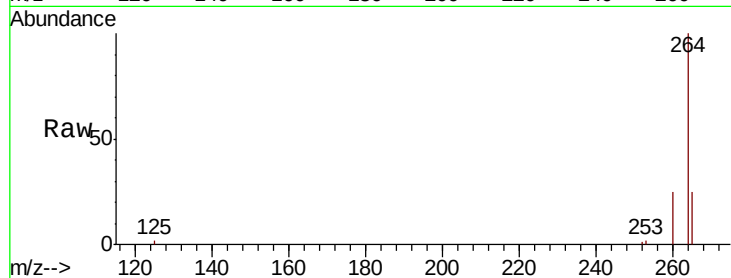
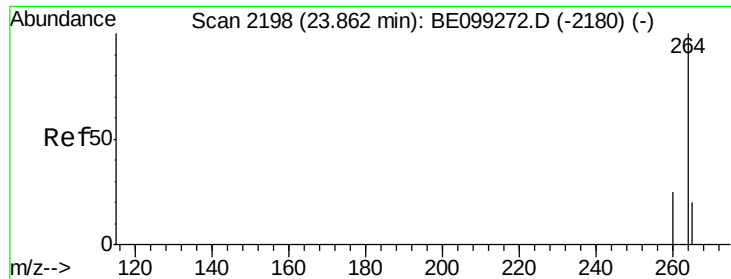


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BE099312.D
 Acq: 12 Apr 2019 16:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 43857
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 25.2 19.8 29.6

