

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099592.D
 Acq On : 9 May 2019 17:10
 Operator : JU/SJ
 Sample : PB119482BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 10 07:03:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 13:32:58 2019
 Response via : Initial Calibration

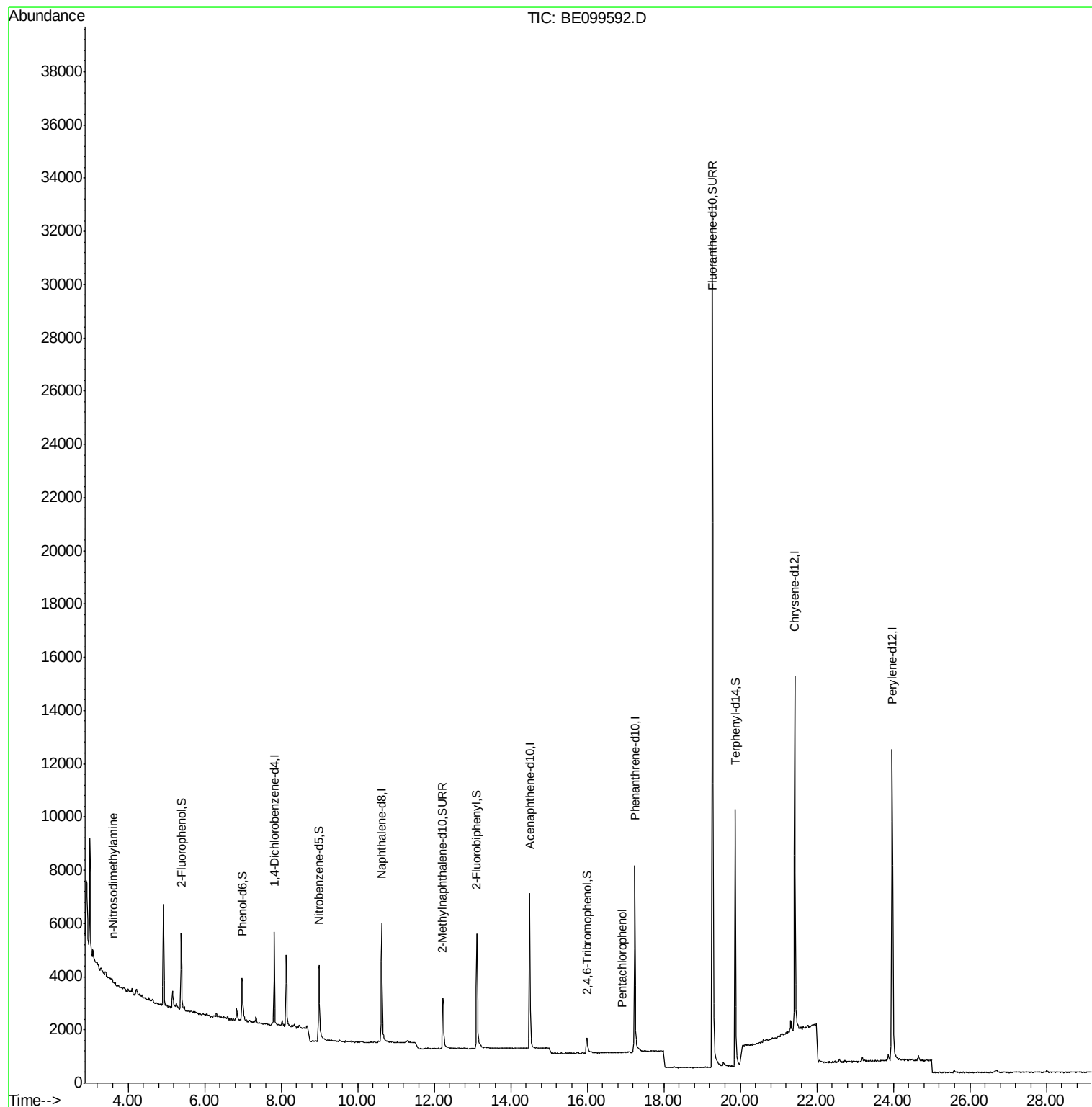
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1871	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6448	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4354	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12092	0.40	ng	0.00
27) Chrysene-d12	21.43	240	15938	0.40	ng	0.00
34) Perylene-d12	23.97	264	18728	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1684	0.33	ng	0.00
5) Phenol-d6	6.99	99	2320	0.35	ng	0.00
8) Nitrobenzene-d5	8.98	82	1715	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3598	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	628	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5282	0.31	ng	0.00
25) Fluoranthene-d10	19.27	212	51971	0.33	ng	0.00
29) Terphenyl-d14	19.87	244	10792	0.38	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.60	42	53	0.032	ng	# 1
22) Pentachlorophenol	16.91	266	3	0.250	ng	# 62

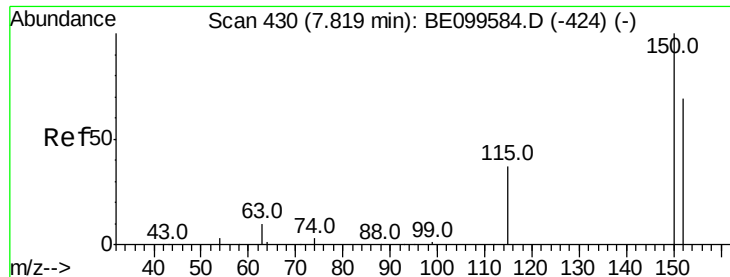
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099592.D
Acq On : 9 May 2019 17:10
Operator : JU/SJ
Sample : PB119482BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 10 07:03:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

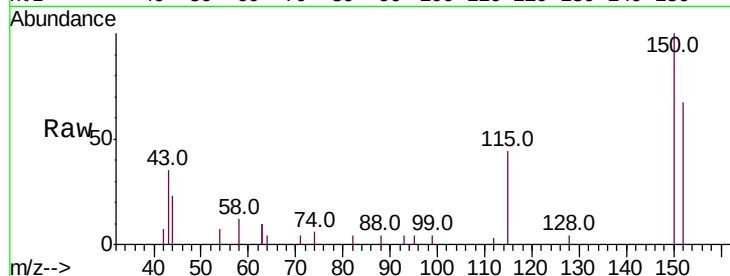
Tot Ion:152 Resp: 1871

Ion Ratio Lower Upper

152 100

150 148.6 114.2 171.4

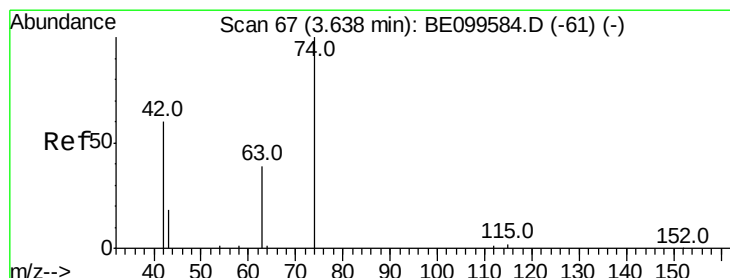
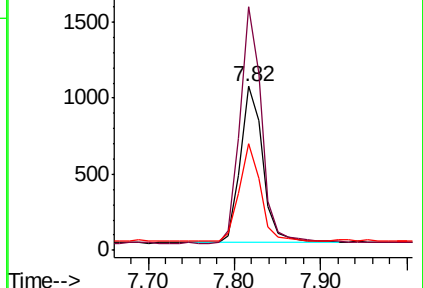
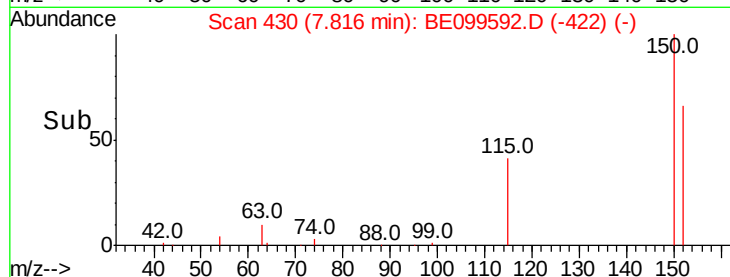
115 65.5 45.4 68.0



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: 0.032 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.04 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

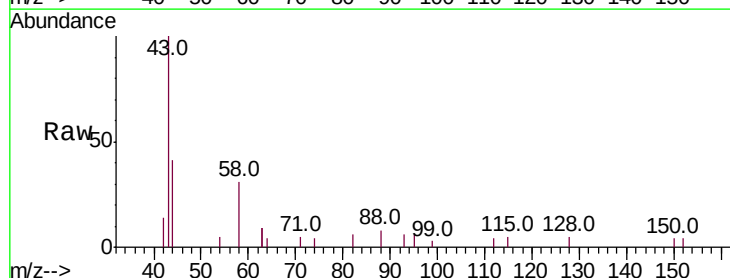
Tgt Ion: 42 Resp: 53

Ion Ratio Lower Upper

42 100

74 0.0 136.9 205.3#

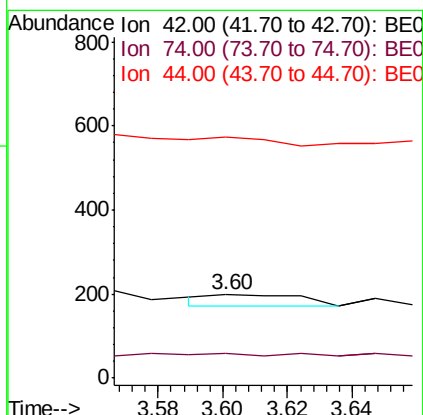
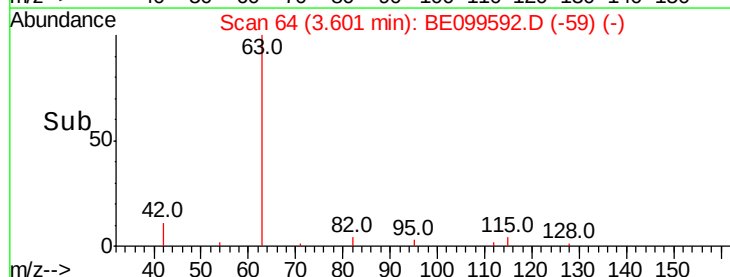
44 0.0 7.1 10.7#

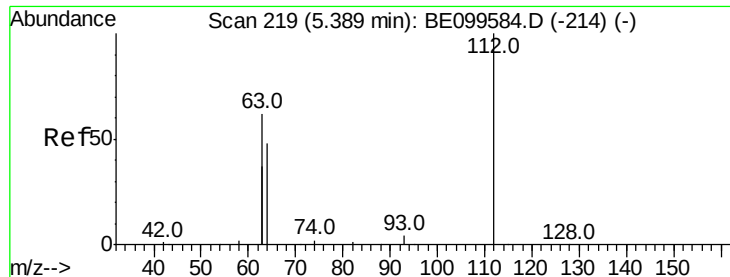


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.329 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

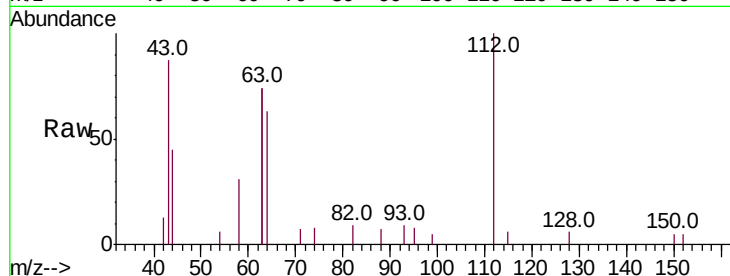
Tot Ion:112 Resp: 1684

Ion Ratio Lower Upper

112 100

64 58.3 46.2 69.4

63 131.1 100.2 150.4



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

2000

1500

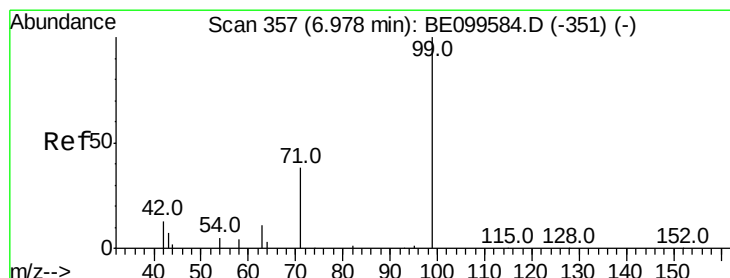
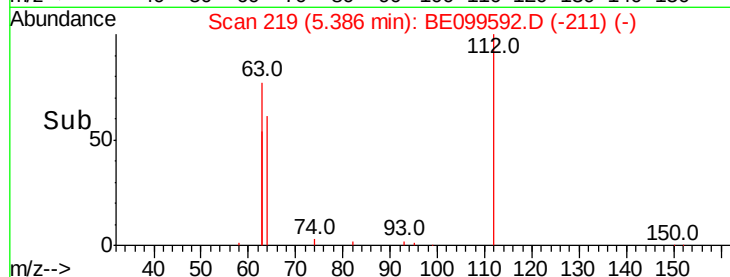
1000

500

0

5.30 5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.345 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

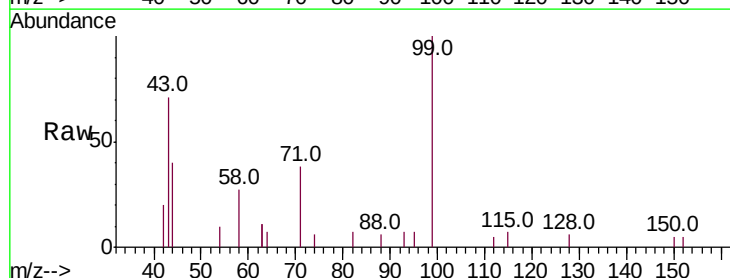
Tgt Ion: 99 Resp: 2320

Ion Ratio Lower Upper

99 100

42 14.3 13.8 20.8

71 37.7 32.2 48.4



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

1200

1000

800

600

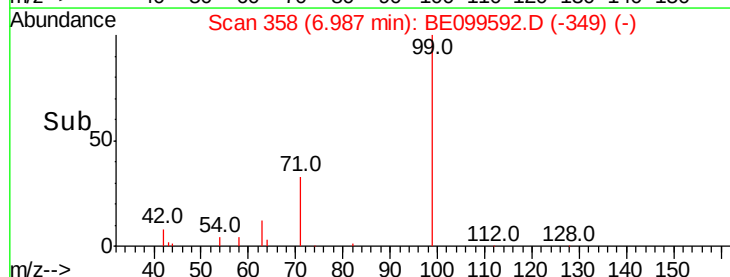
400

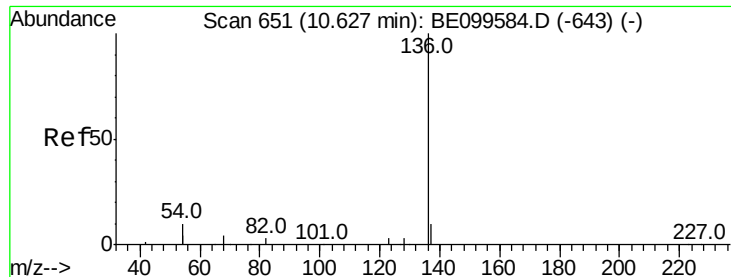
200

0

6.80 7.00 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 6448

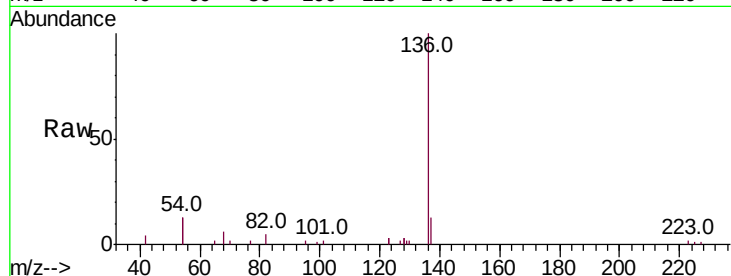
Ion Ratio Lower Upper

136 100

137 12.7 9.1 13.7

54 25.1 16.5 24.7#

68 6.5 4.5 6.7

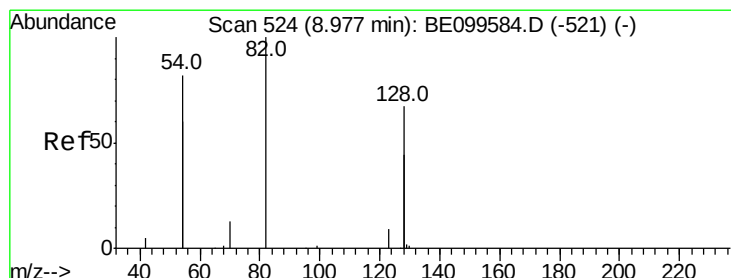
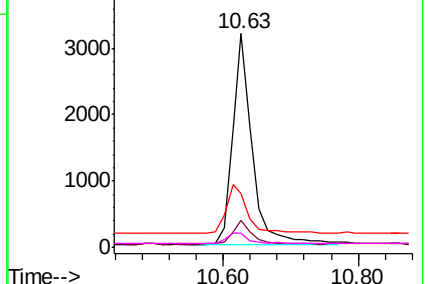
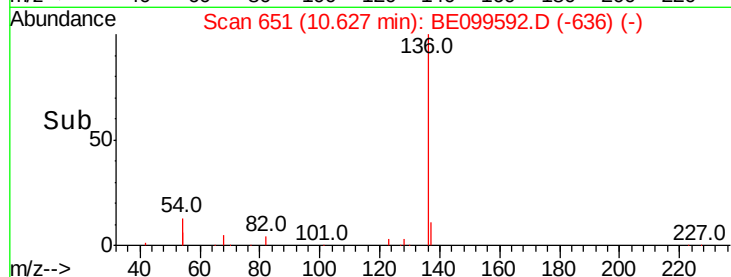


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.283 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

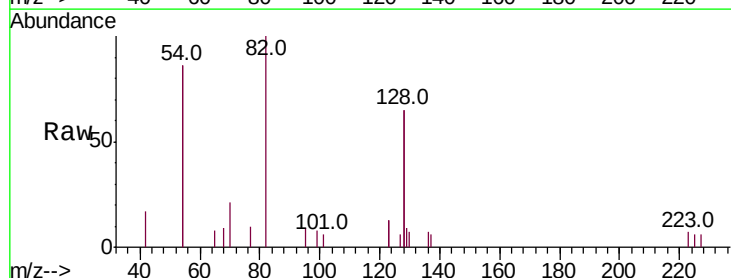
Tgt Ion: 82 Resp: 1715

Ion Ratio Lower Upper

82 100

128 129.3 101.5 152.3

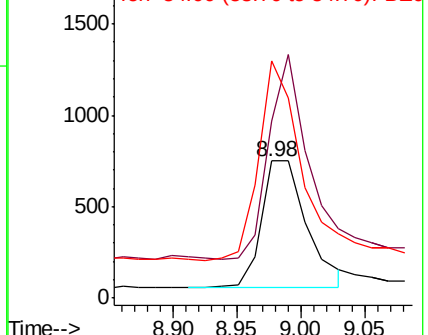
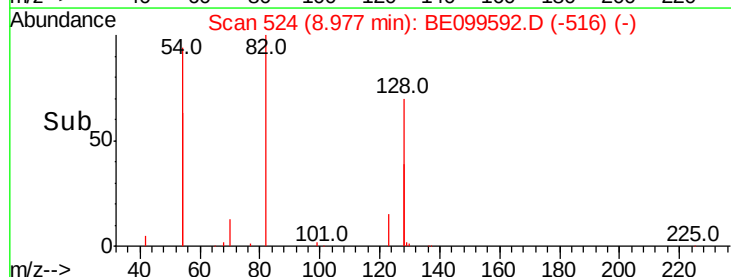
54 172.8 123.8 185.6

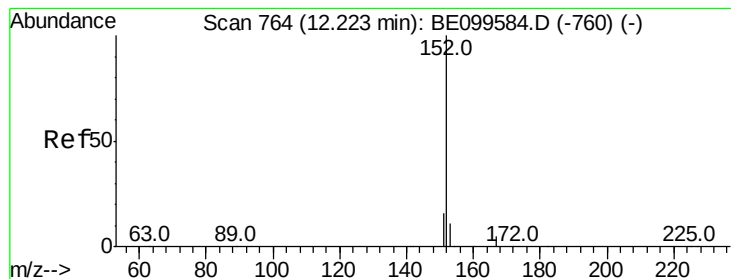


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

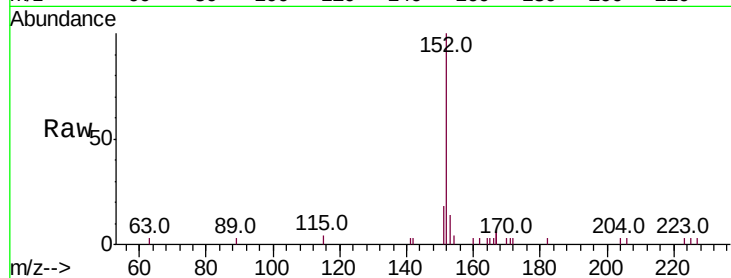
ClientSampleId :

Tot Ion:152 Resp: 3598

Ion Ratio Lower Upper

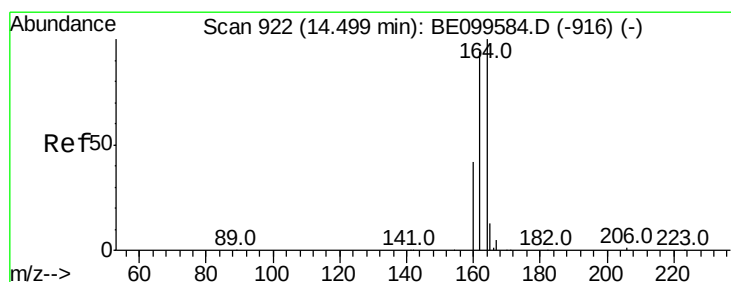
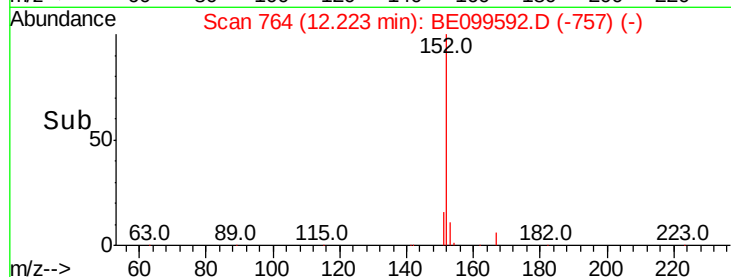
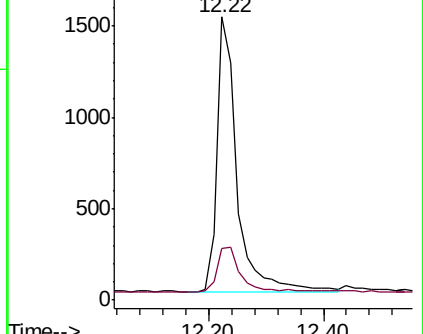
152 100

151 18.7 16.2 24.2



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: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

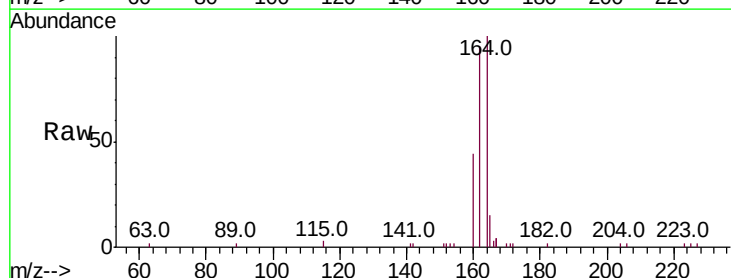
Tgt Ion:164 Resp: 4354

Ion Ratio Lower Upper

164 100

162 95.3 75.3 112.9

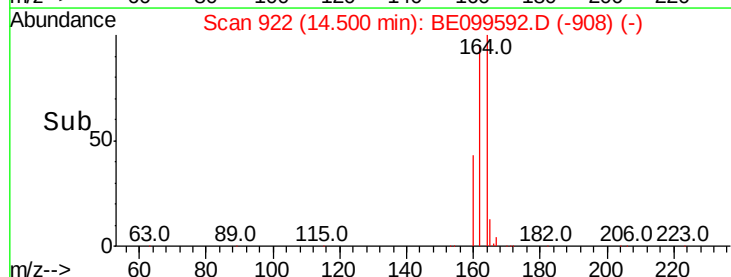
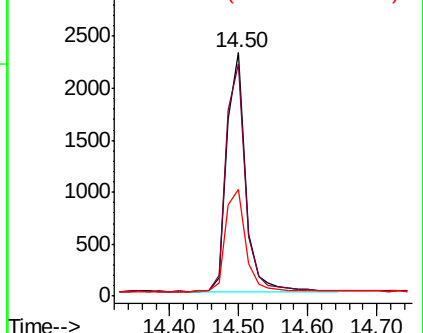
160 44.0 34.7 52.1

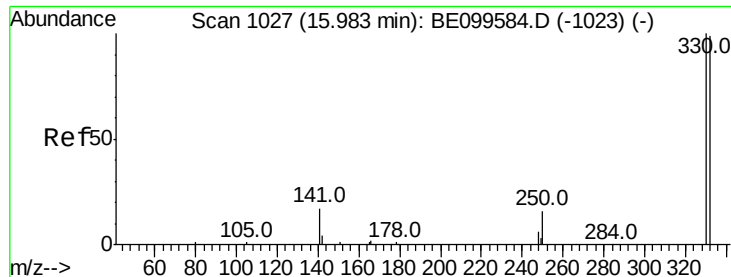


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

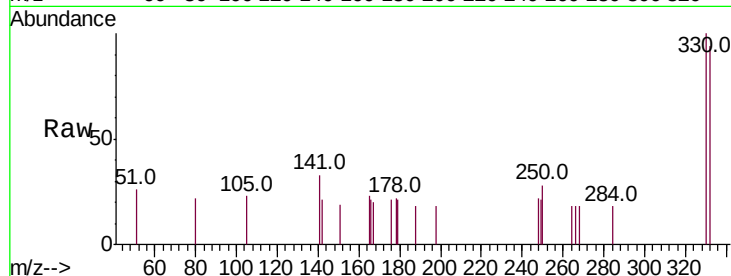




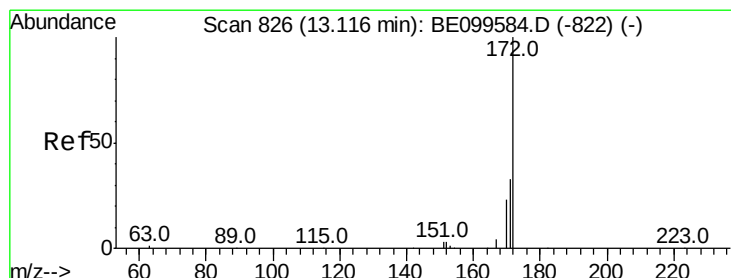
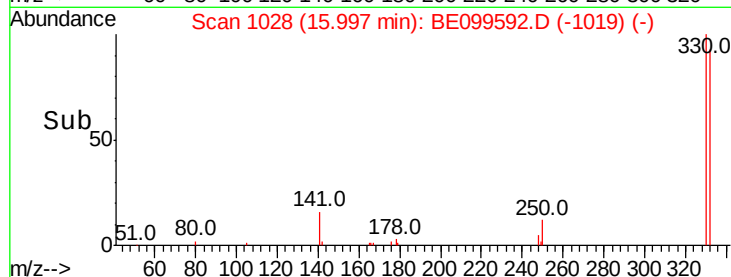
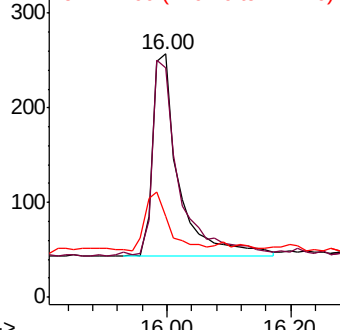
#14
 2,4,6-Tribromophenol
 Concen: 0.243 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099592.D
 Acq: 9 May 2019 17:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 628
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.7 118.1
 141 25.2 22.3 33.5

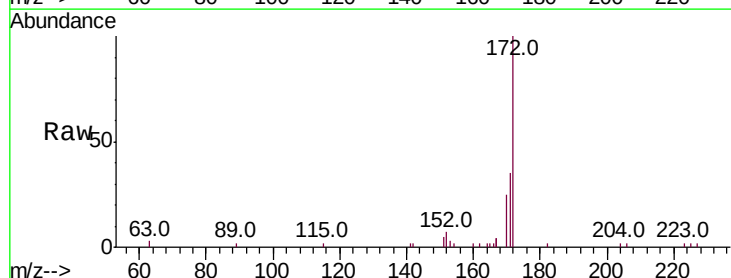


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

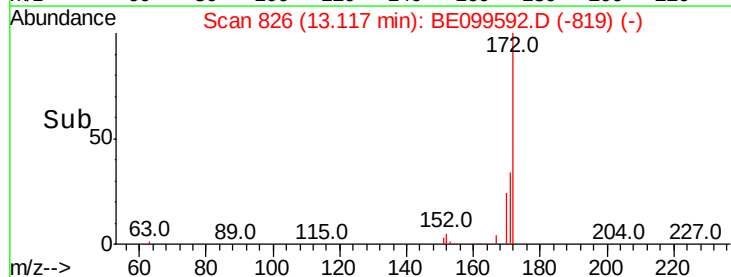
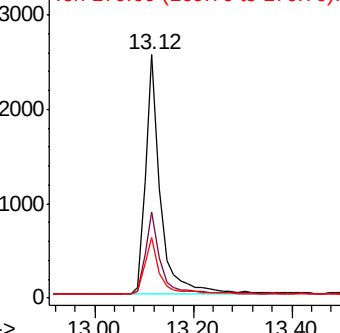


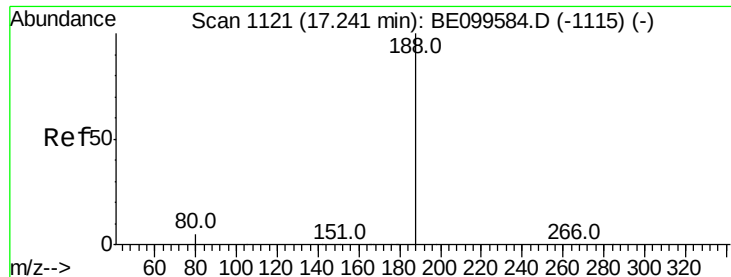
#15
 2-Fluorobiphenyl
 Concen: 0.313 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BE099592.D
 Acq: 9 May 2019 17:10

Tgt Ion:172 Resp: 5282
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.5 41.3
 170 25.0 19.1 28.7



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: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

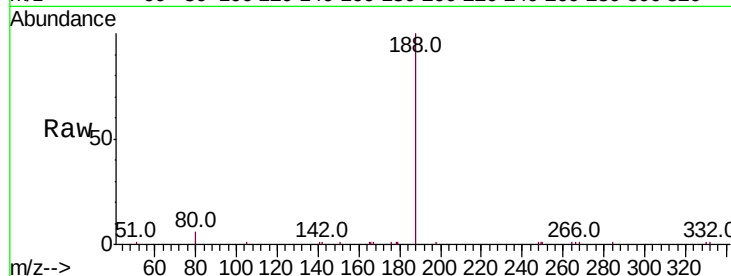
Tot Ion:188 Resp: 12092

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

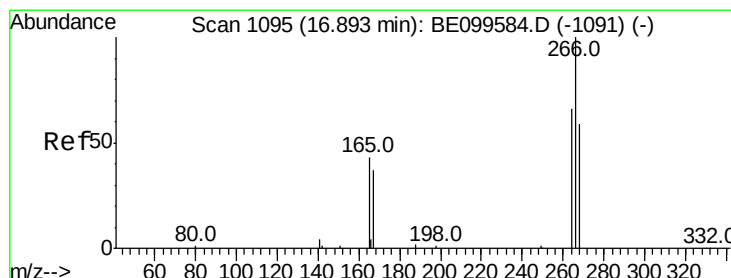
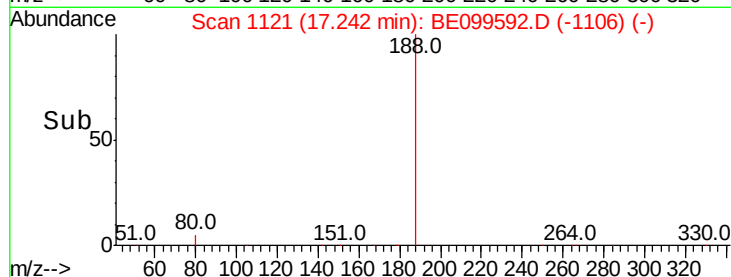
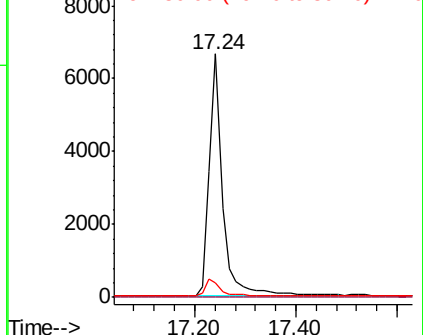
80 6.1 4.4 6.6



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



#22

Pentachlorophenol

Concen: 0.250 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

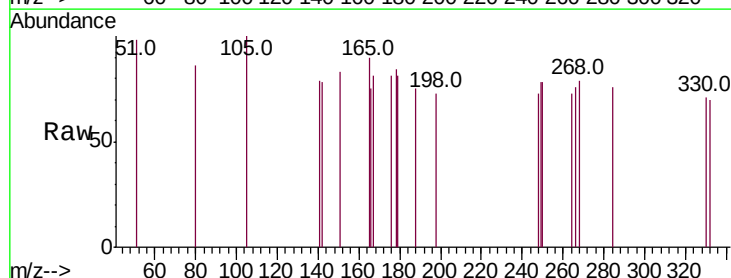
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 95.8 57.3 85.9#

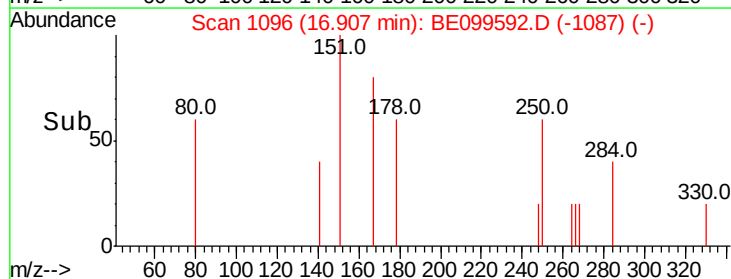
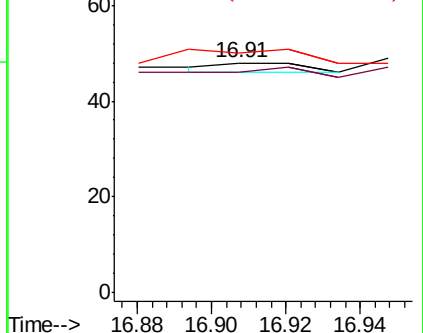
268 104.2 53.5 80.3#

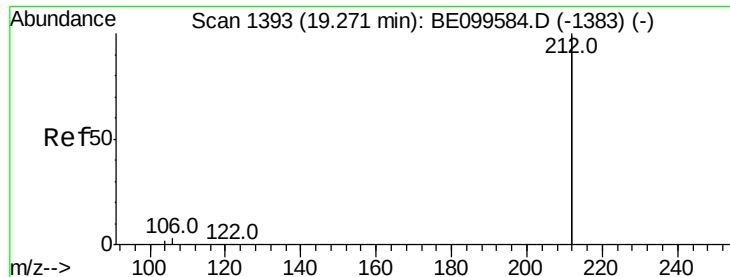


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.327 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

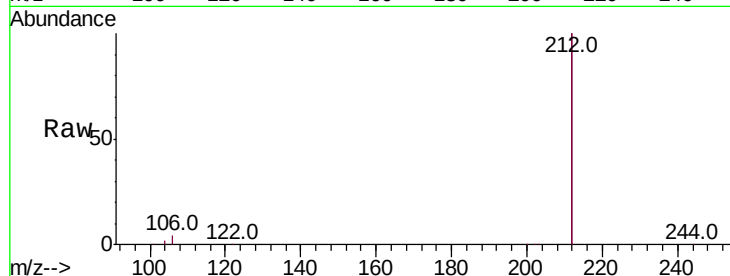
Tot Ion:212 Resp: 51971

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

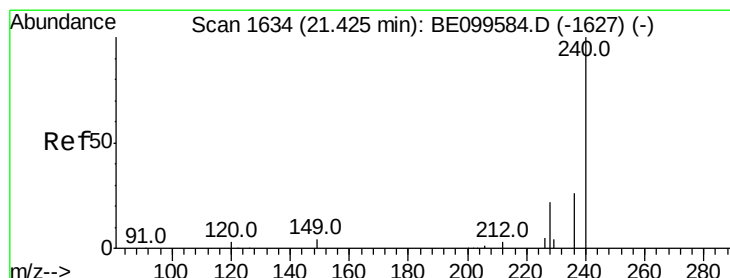
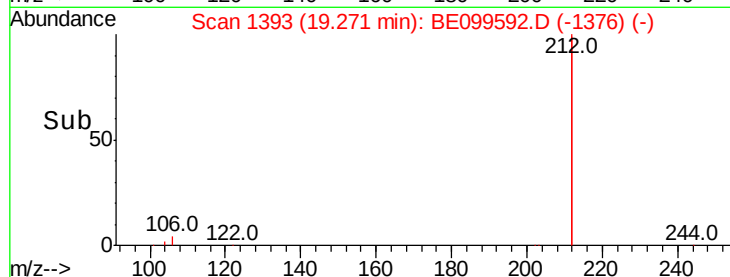
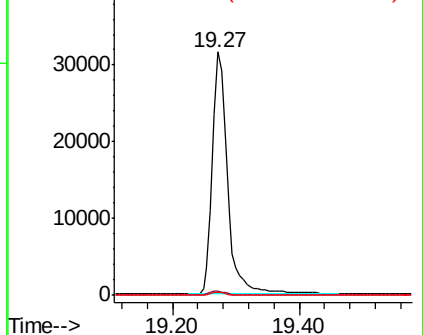
104 1.1 0.9 1.3



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: 21.43 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

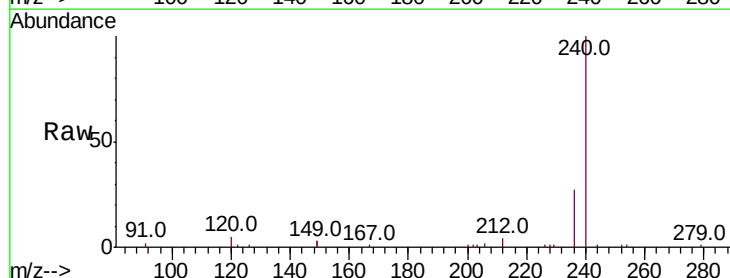
Tgt Ion:240 Resp: 15938

Ion Ratio Lower Upper

240 100

120 5.0 3.2 4.8#

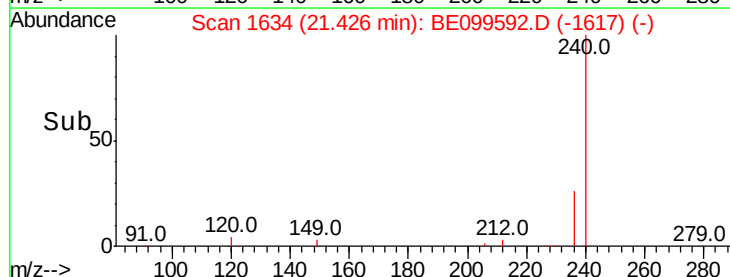
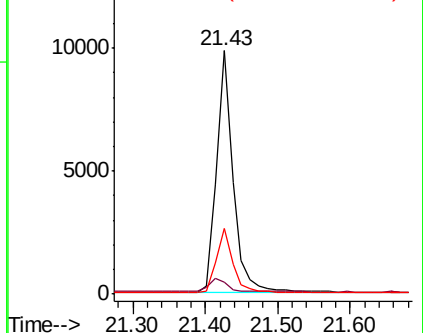
236 26.8 21.0 31.6

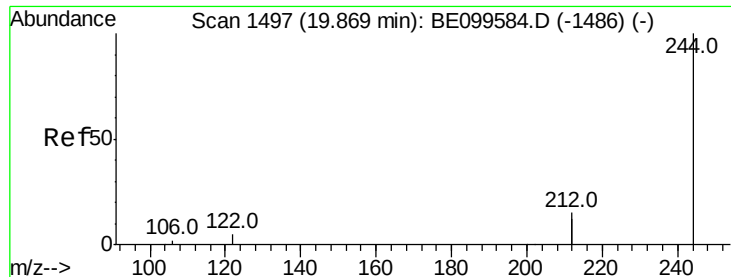


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

Instrument :

BNA_E

ClientSampleId :

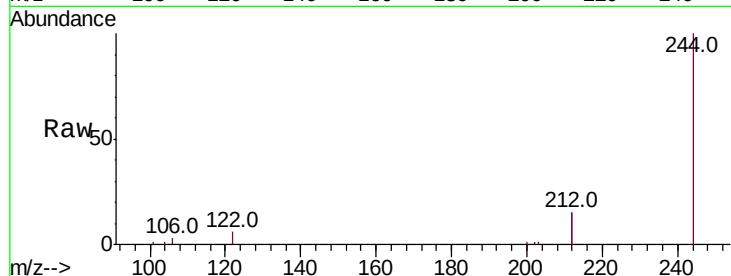
Tot Ion:244 Resp: 10792

Ion Ratio Lower Upper

244 100

212 29.9 24.4 36.6

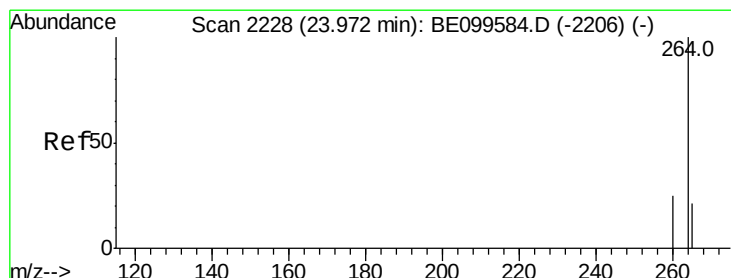
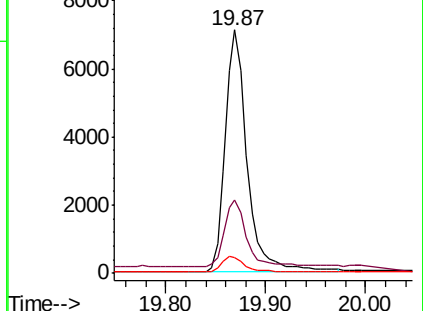
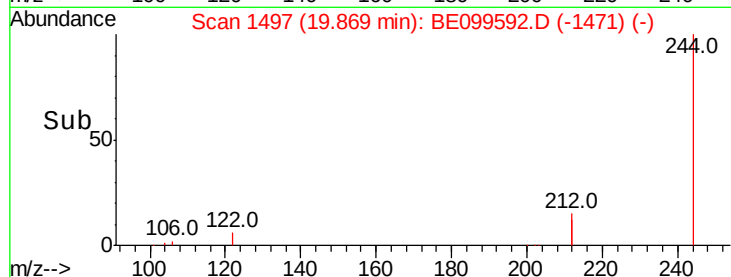
122 6.4 4.6 6.8



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

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BE099592.D

Acq: 9 May 2019 17:10

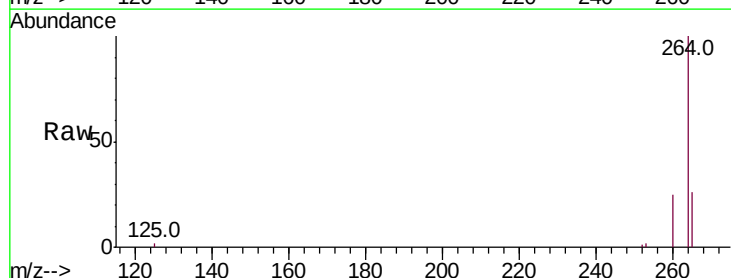
Tgt Ion:264 Resp: 18728

Ion Ratio Lower Upper

264 100

260 25.1 20.3 30.5

265 26.0 20.9 31.3



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

