

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
 Data File : BE099594.D
 Acq On : 9 May 2019 18:21
 Operator : JU/SJ
 Sample : K2707-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 10 07:04:13 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

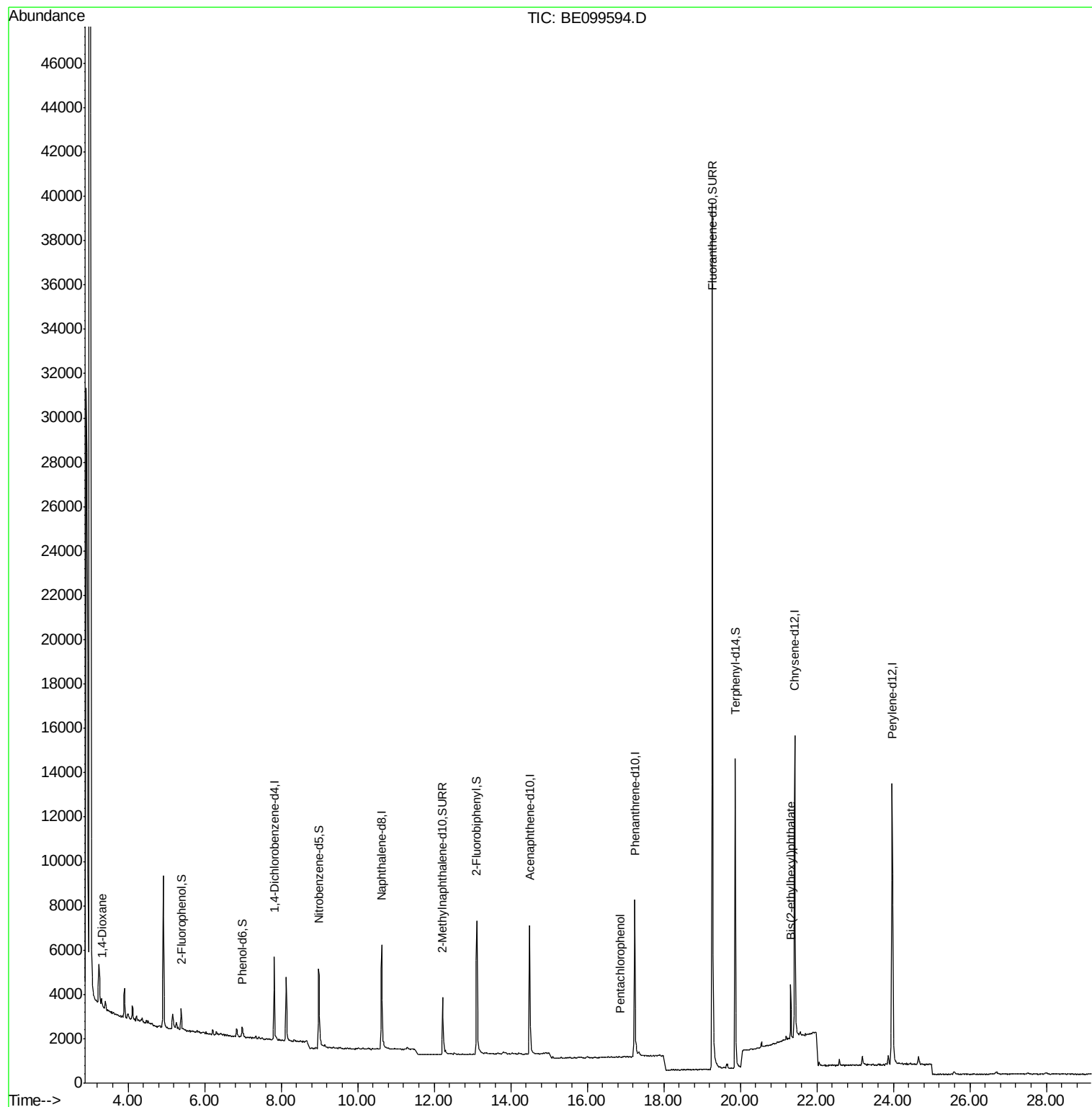
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2021	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6900	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4709	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13003	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16575	0.40	ng	0.00
34) Perylene-d12	23.97	264	20061	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	557	0.10	ng	0.00
5) Phenol-d6	6.99	99	615	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	2071	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4079	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	53	0.02	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	7222	0.40	ng	0.00
25) Fluoranthene-d10	19.27	212	57751	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	14491	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	247	0.087	ng	# 1
22) Pentachlorophenol	16.87	266	4	0.250	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.32	149	2863	0.039	ng	# 96

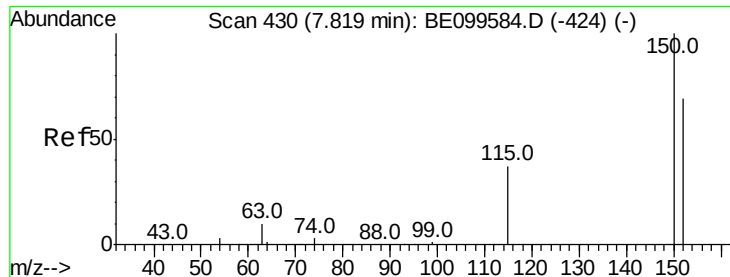
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050919\
Data File : BE099594.D
Acq On : 9 May 2019 18:21
Operator : JU/SJ
Sample : K2707-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 10 07:04:13 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



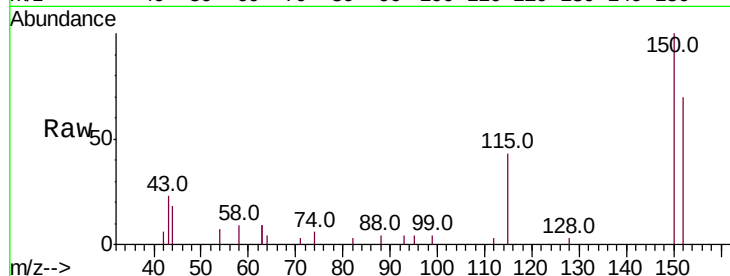


#1

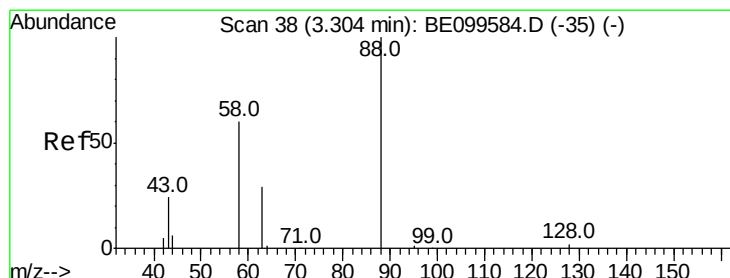
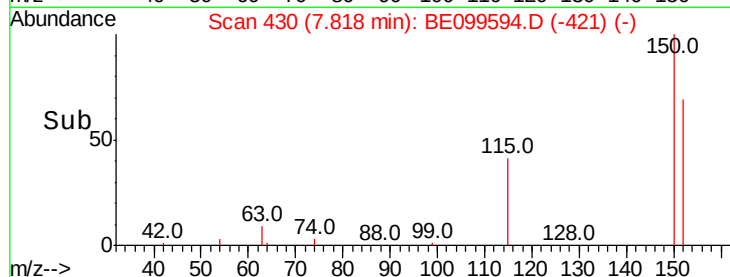
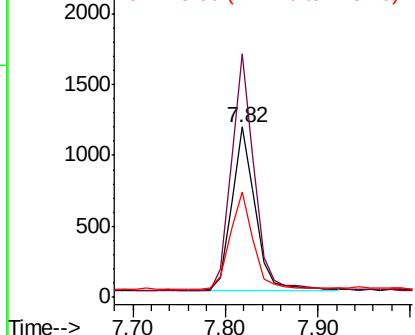
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099594.D
Acq: 9 May 2019 18:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2021
Ion Ratio Lower Upper
152 100
150 142.8 114.2 171.4
115 62.1 45.4 68.0



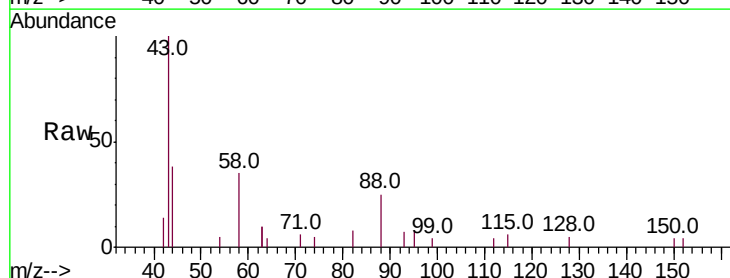
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



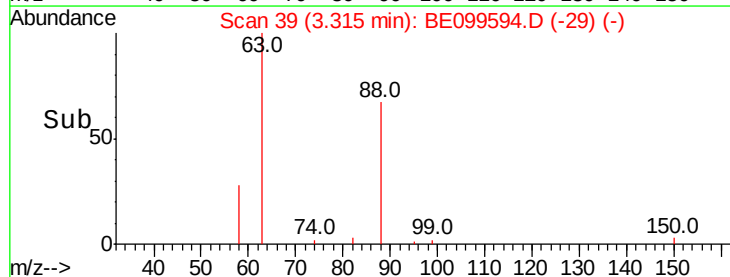
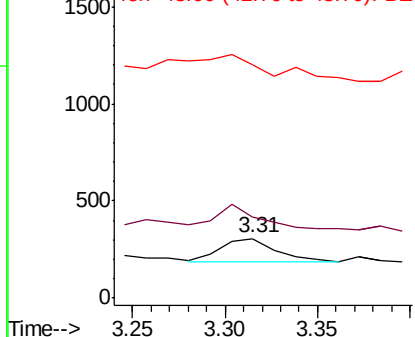
#2

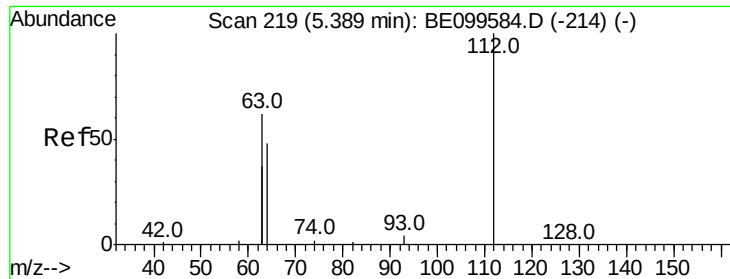
1,4-Dioxane
Concen: 0.087 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099594.D
Acq: 9 May 2019 18:21

Tgt Ion: 88 Resp: 247
Ion Ratio Lower Upper
88 100
58 76.1 41.3 61.9#
43 143.3 21.0 31.6#



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





#4

2-Fluorophenol

Concen: 0.101 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

Instrument :

BNA_E

ClientSampleId :

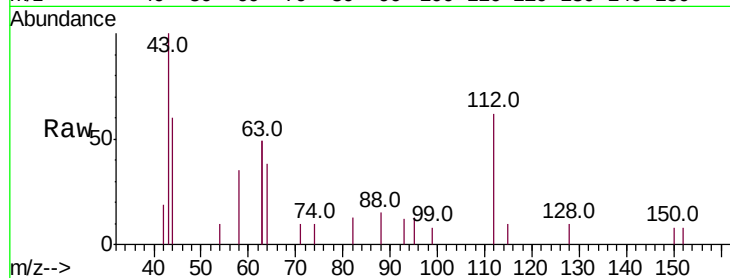
Tot Ion:112 Resp: 557

Ion Ratio Lower Upper

112 100

64 60.0 46.2 69.4

63 121.9 100.2 150.4



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

800

600

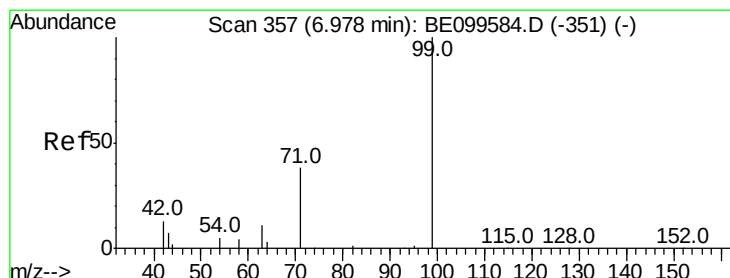
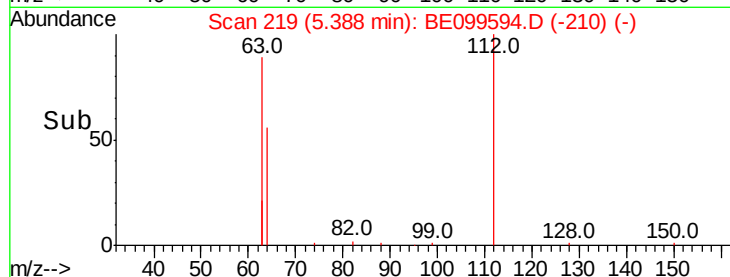
400

200

0

5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.085 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

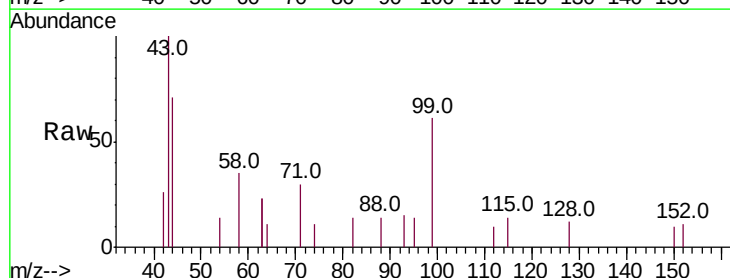
Tgt Ion: 99 Resp: 615

Ion Ratio Lower Upper

99 100

42 20.8 13.8 20.8#

71 39.0 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

400

300

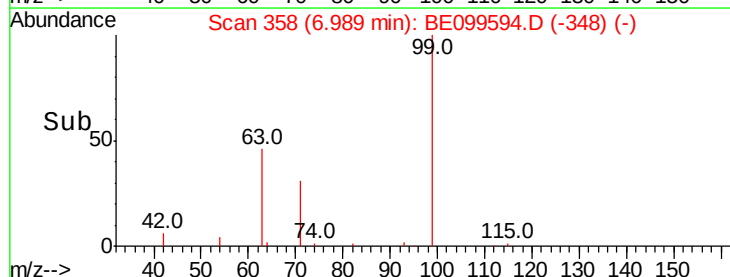
200

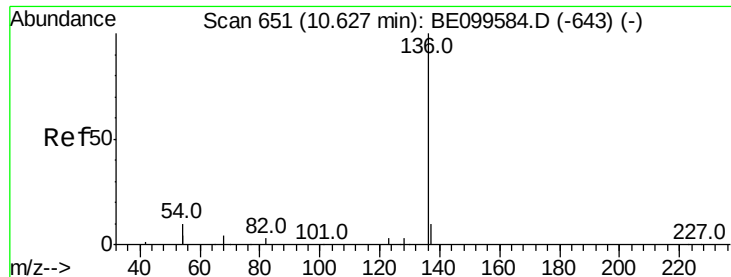
100

0

6.90 7.00 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6900

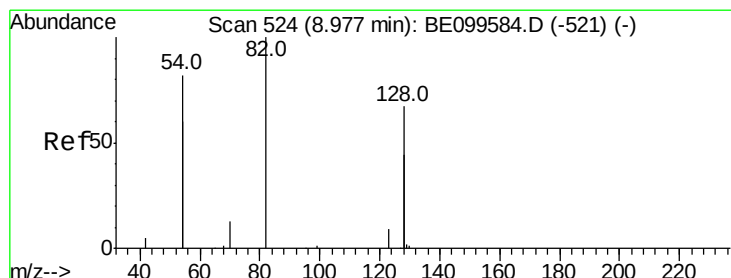
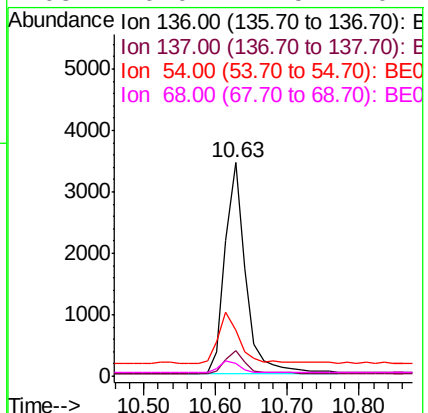
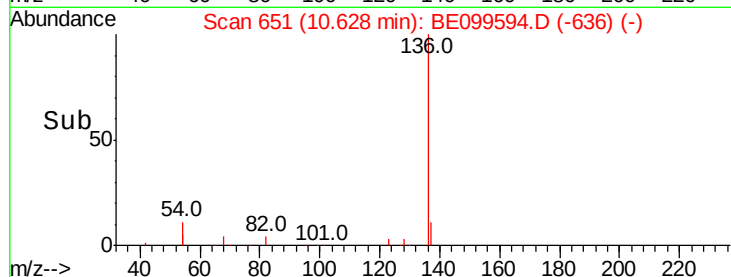
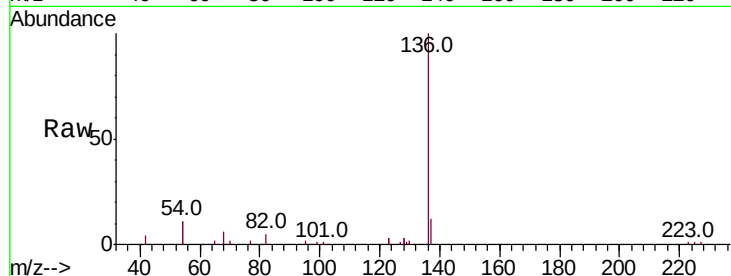
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 21.8 16.5 24.7

68 6.0 4.5 6.7



#8

Nitrobenzene-d5

Concen: 0.320 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

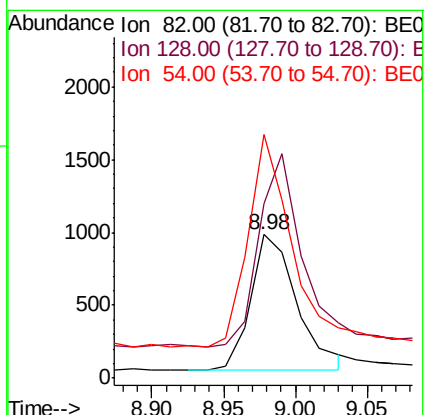
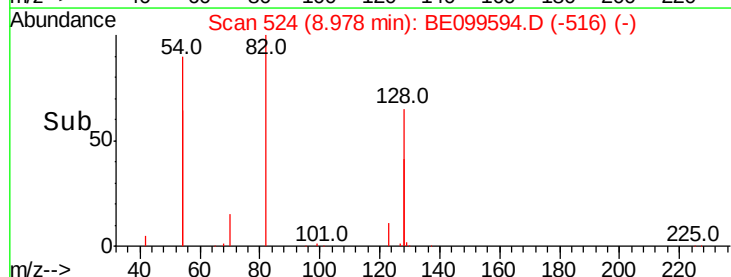
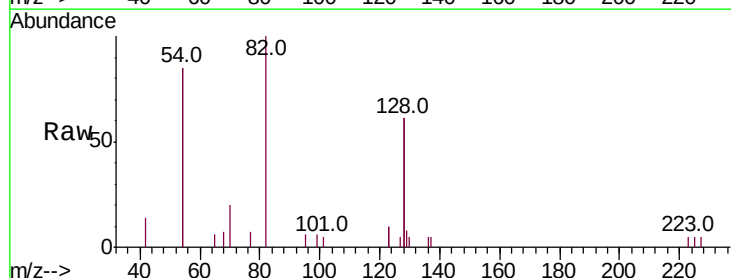
Tgt Ion: 82 Resp: 2071

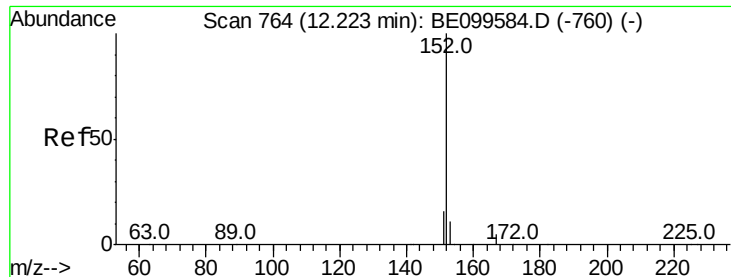
Ion Ratio Lower Upper

82 100

128 121.8 101.5 152.3

54 169.4 123.8 185.6

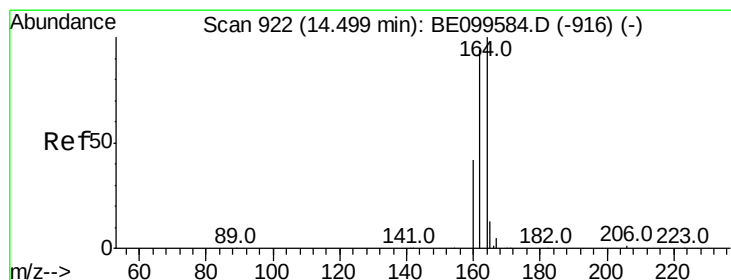
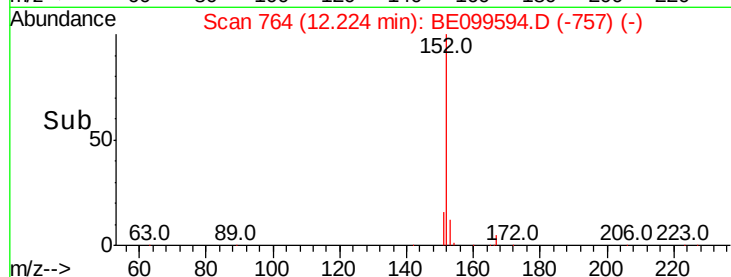
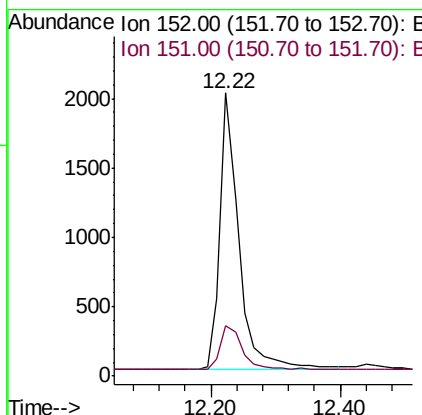
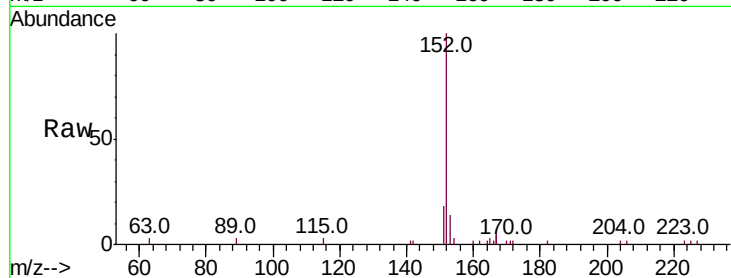




#11
 2-Methylnaphthalene-d10
 Concen: 0.353 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099594.D
 Acq: 9 May 2019 18:21

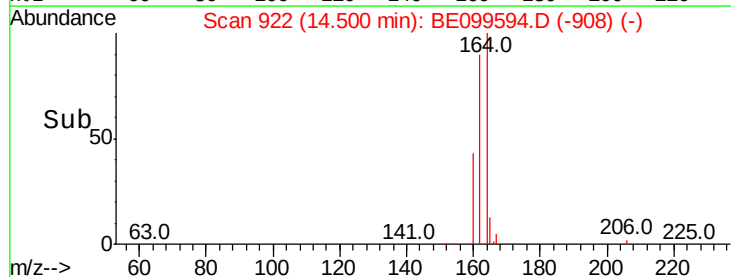
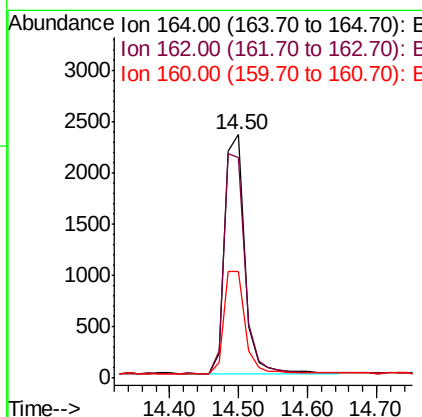
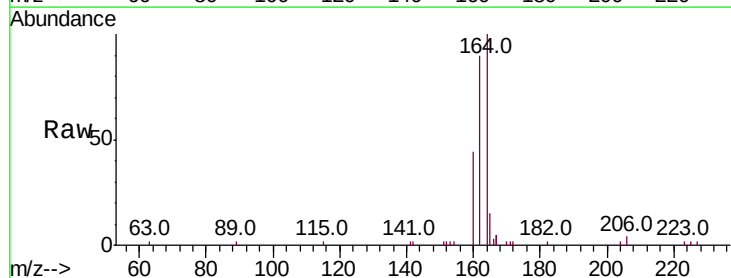
Instrument :
 BNA_E
 ClientSampleId :

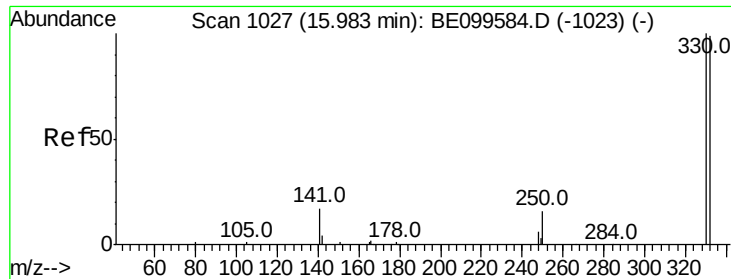
Tot Ion:152 Resp: 4079
 Ion Ratio Lower Upper
 152 100
 151 18.2 16.2 24.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099594.D
 Acq: 9 May 2019 18:21

Tgt Ion:164 Resp: 4709
 Ion Ratio Lower Upper
 164 100
 162 90.4 75.3 112.9
 160 44.0 34.7 52.1

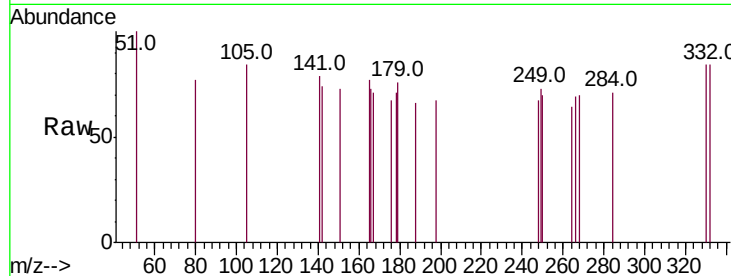




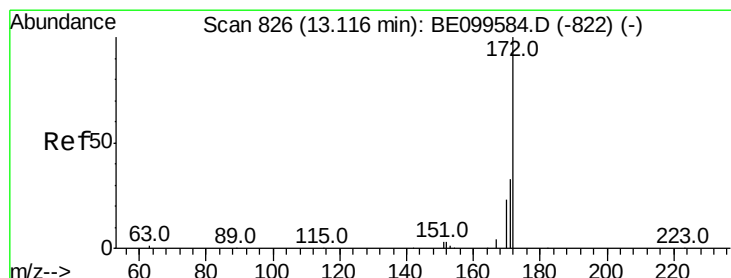
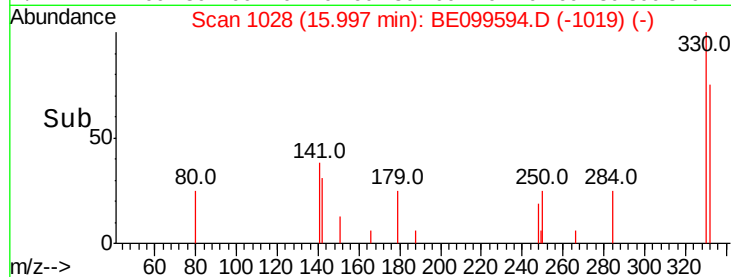
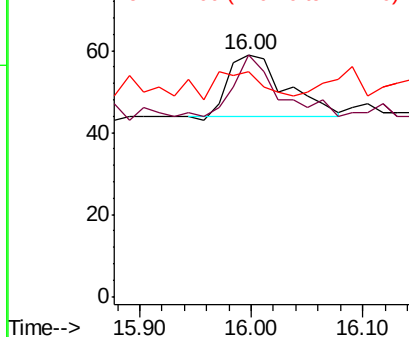
#14
2,4,6-Tribromophenol
Concen: 0.019 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE099594.D
Acq: 9 May 2019 18:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:330 Resp: 53
Ion Ratio Lower Upper
330 100
332 77.4 78.7 118.1#
141 0.0 22.3 33.5#

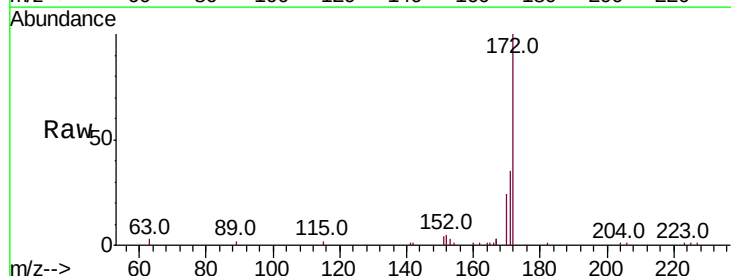


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

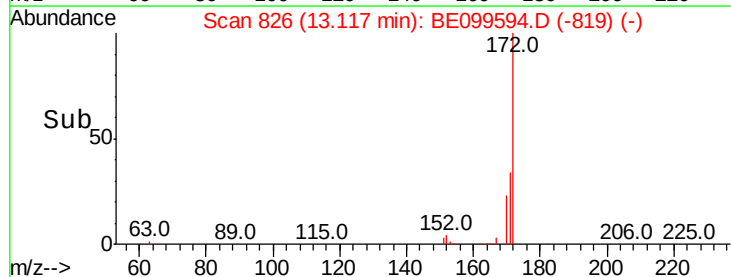
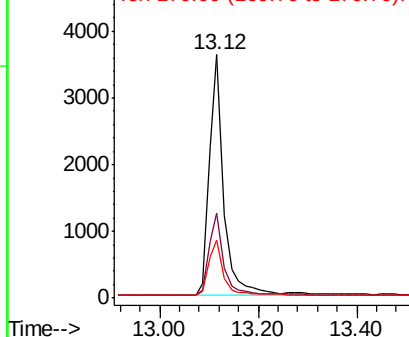


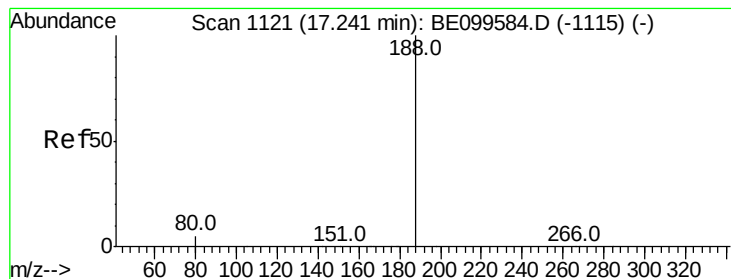
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099594.D
Acq: 9 May 2019 18:21

Tgt Ion:172 Resp: 7222
Ion Ratio Lower Upper
172 100
171 34.9 27.5 41.3
170 23.9 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: BE099594.D

Acq: 9 May 2019 18:21

Instrument :

BNA_E

ClientSampleId :

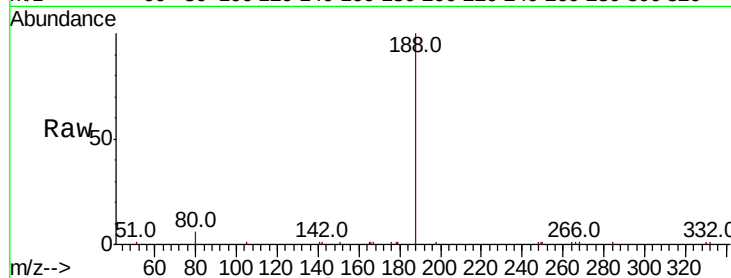
Tot Ion:188 Resp: 13003

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

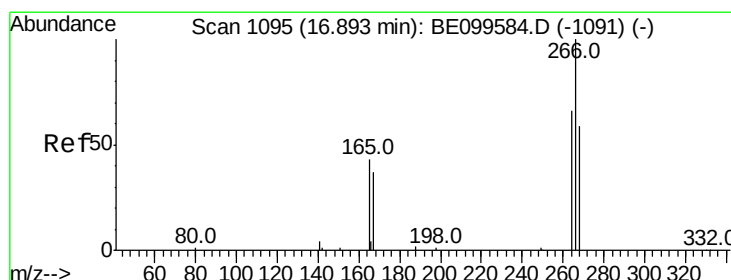
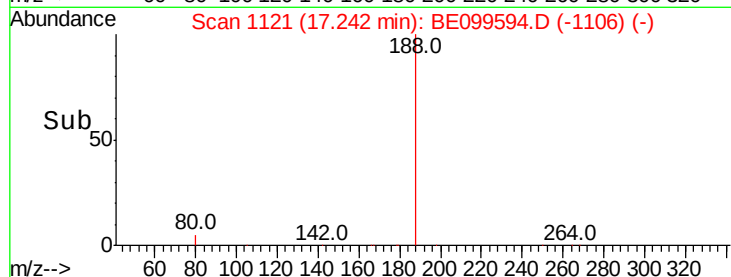
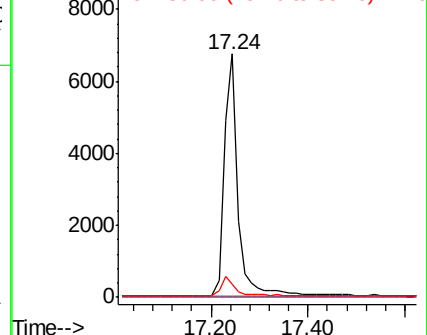
80 5.7 4.4 6.6



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: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

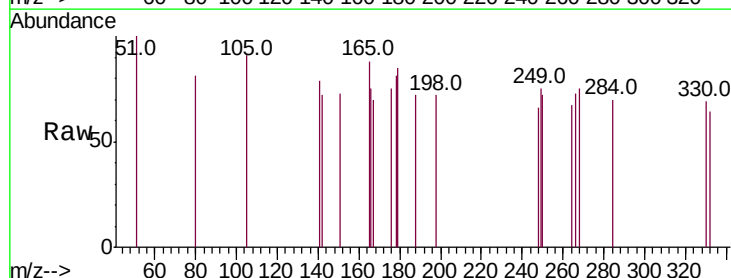
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 91.8 57.3 85.9#

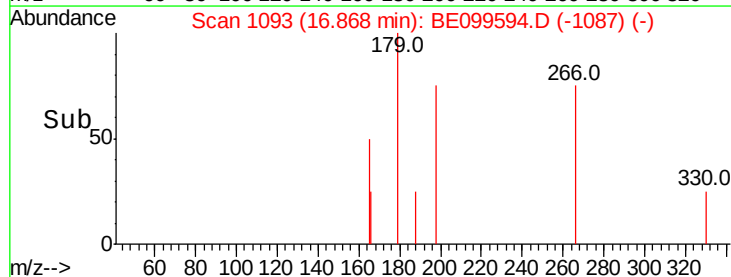
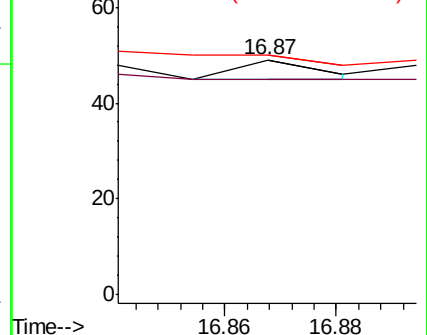
268 102.0 53.5 80.3#

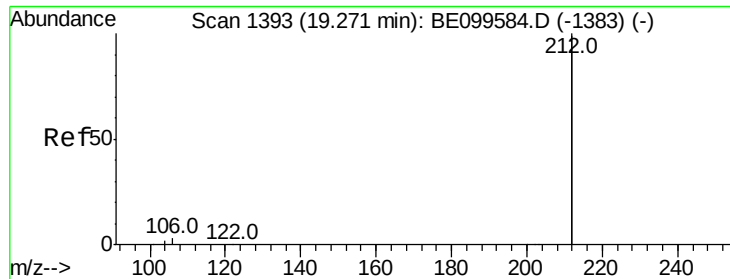


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

Instrument :

BNA_E

ClientSampleId :

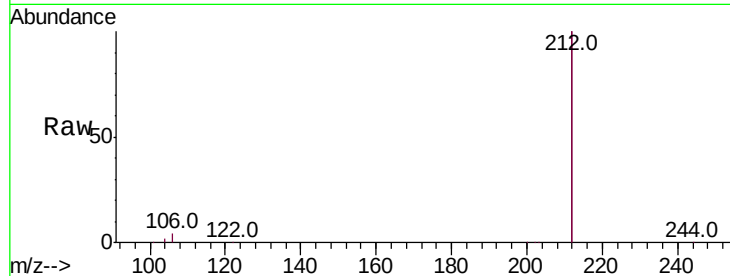
Tot Ion:212 Resp: 57751

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

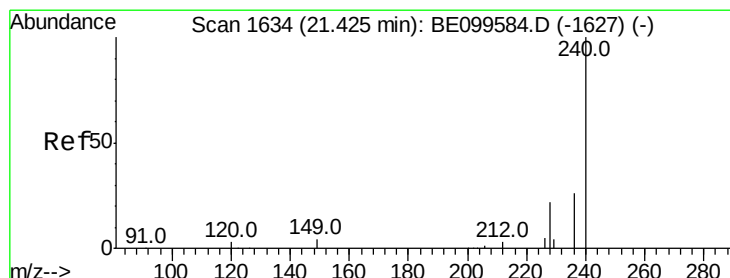
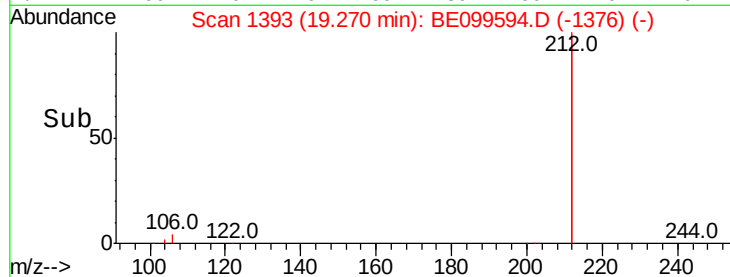
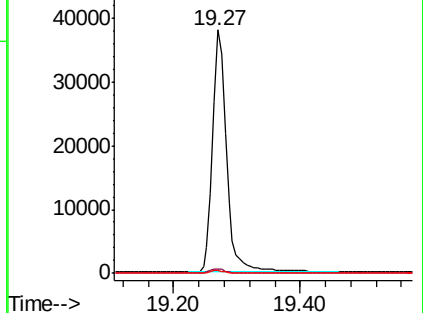
104 1.0 0.9 1.3



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# 1635

Delta R.T. 0.00 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

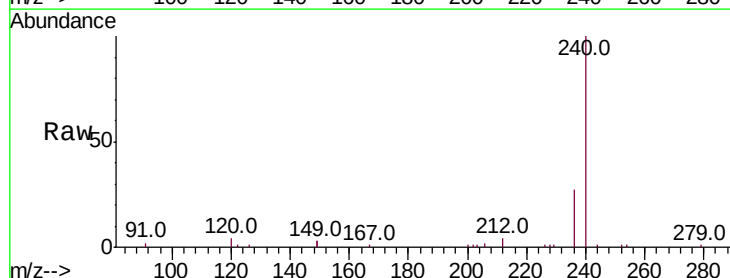
Tgt Ion:240 Resp: 16575

Ion Ratio Lower Upper

240 100

120 4.2 3.2 4.8

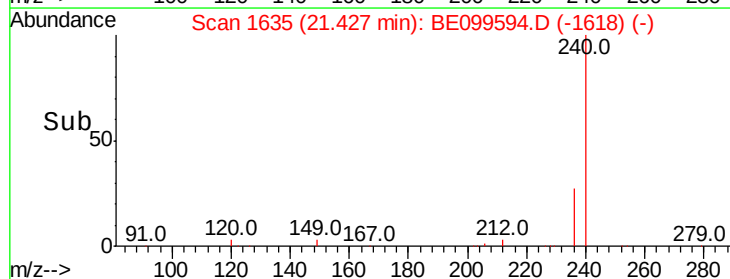
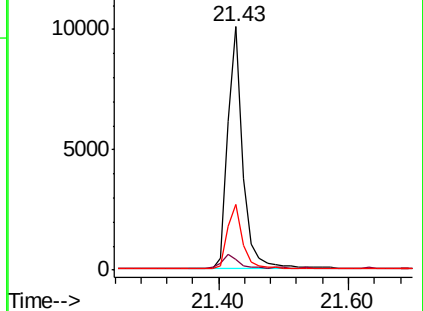
236 27.2 21.0 31.6

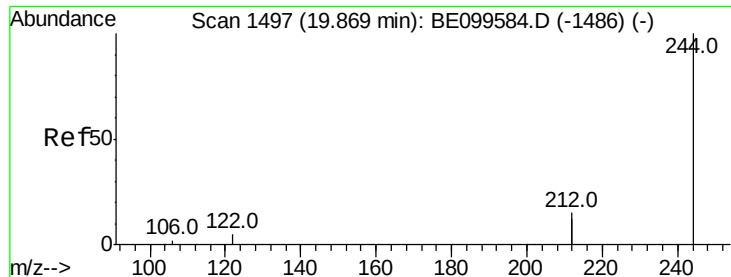


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.492 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

Instrument :

BNA_E

ClientSampled :

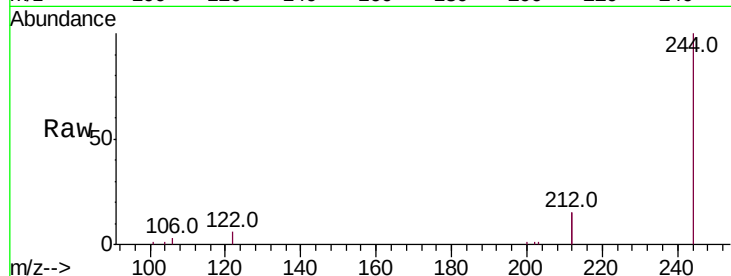
Tot Ion:244 Resp: 14491

Ion Ratio Lower Upper

244 100

212 30.5 24.4 36.6

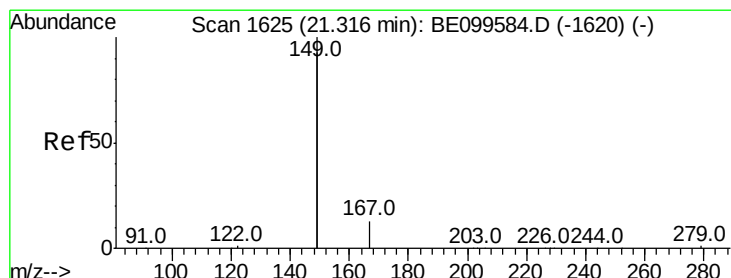
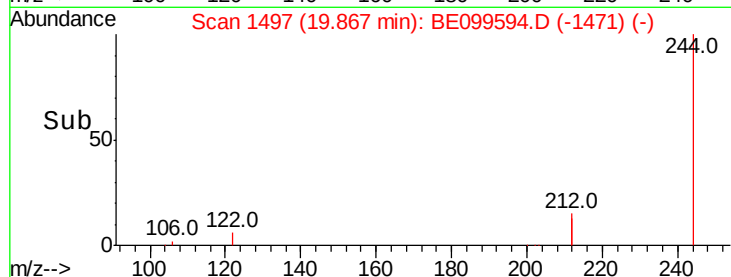
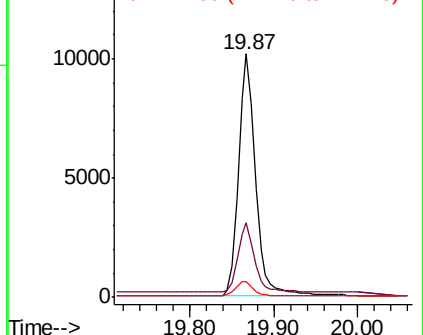
122 6.4 4.6 6.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.039 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099594.D

Acq: 9 May 2019 18:21

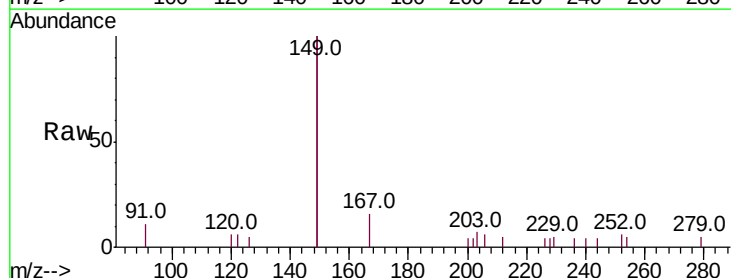
Tgt Ion:149 Resp: 2863

Ion Ratio Lower Upper

149 100

167 9.1 6.0 9.0#

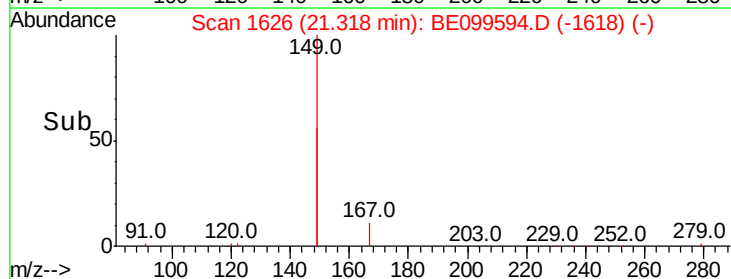
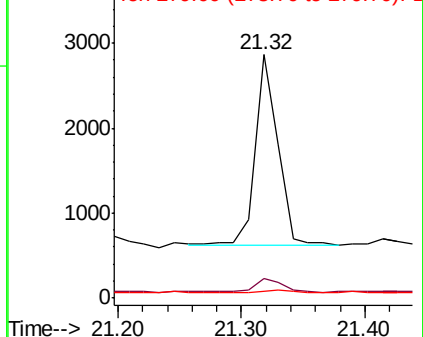
279 1.5 1.1 1.7

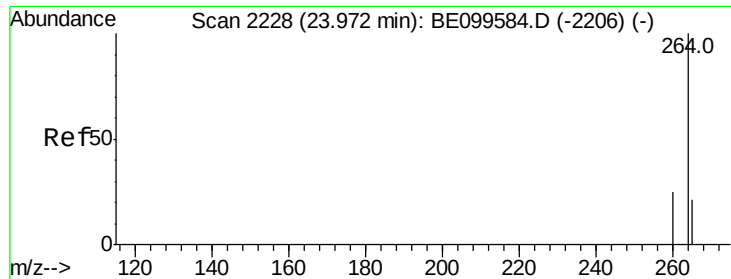


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.97 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BE099594.D
Acq: 9 May 2019 18:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 264 Resp: 20061
Ion Ratio Lower Upper
264 100
260 24.9 20.3 30.5
265 24.5 20.9 31.3

