

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099955.D
 Acq On : 12 Jun 2019 14:22
 Operator : JU/SJ
 Sample : K3255-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D3-20190605

Quant Time: Jun 13 04:09:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

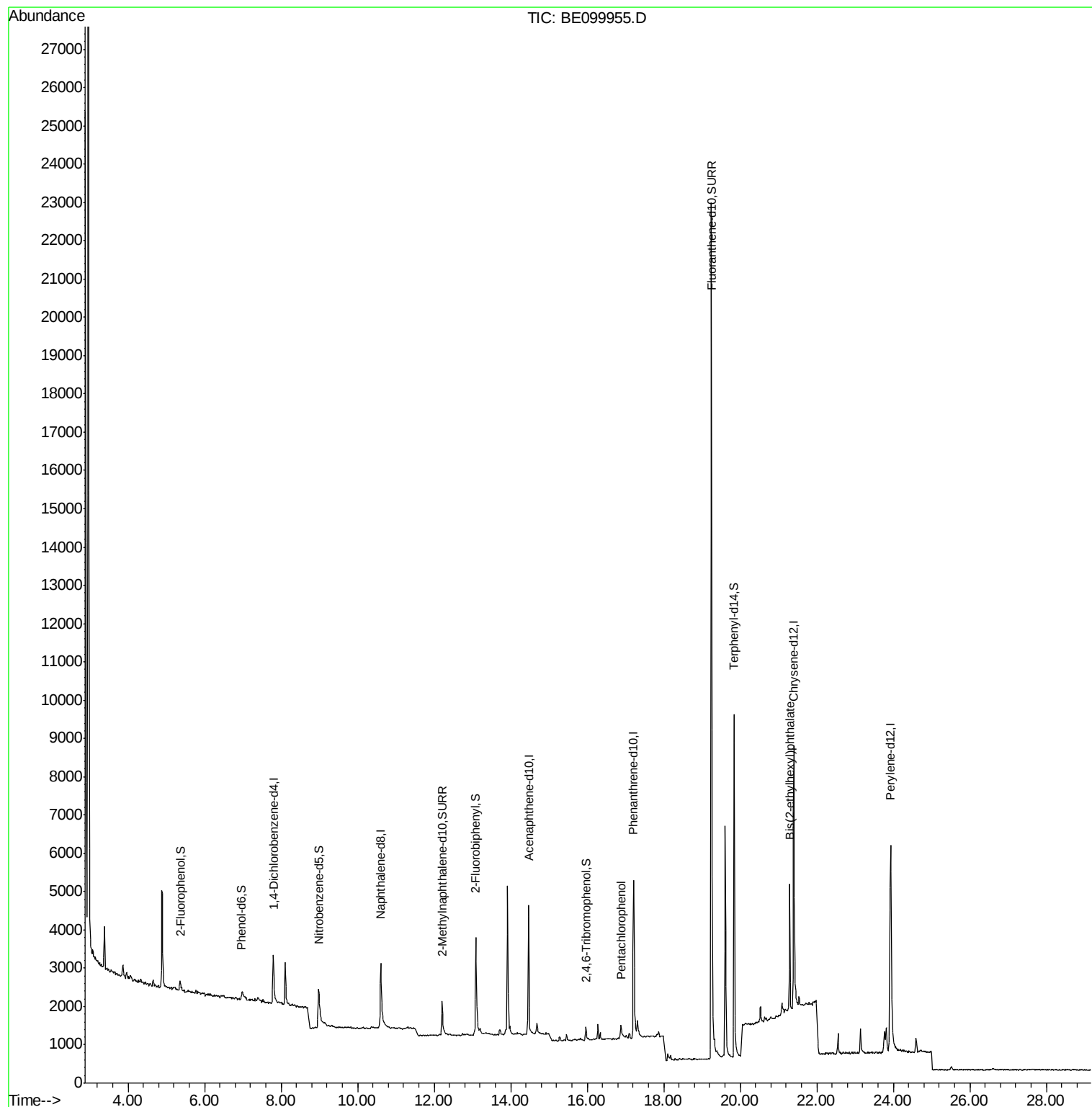
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	948	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3317	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2569	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7175	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9874	0.40	ng	0.00
34) Perylene-d12	23.93	264	10976	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	261	0.10	ng	0.01
5) Phenol-d6	6.97	99	240	0.07	ng	0.00
8) Nitrobenzene-d5	8.98	82	1068	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1876	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	357	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3746	0.38	ng	-0.01
25) Fluoranthene-d10	19.25	212	36435	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	9766	0.55	ng	-0.01
Target Compounds						Qvalue
22) Pentachlorophenol	16.88	266	374	0.487	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	3665	0.087	ng	98

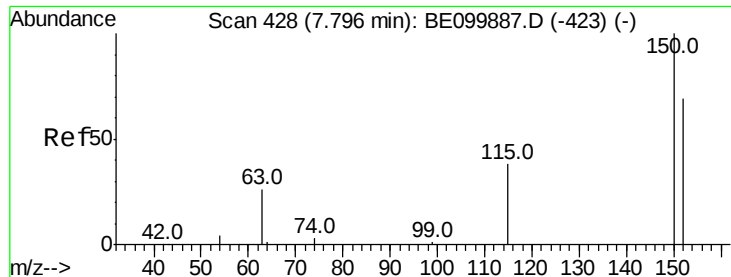
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 04:09:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
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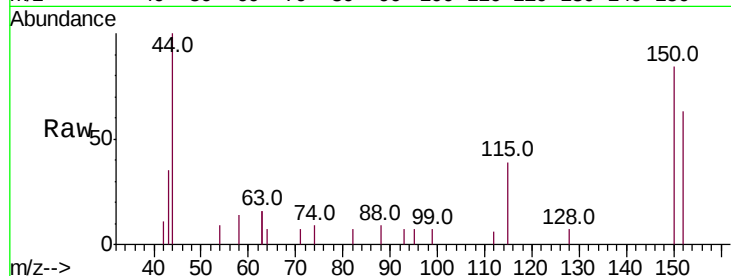


#1

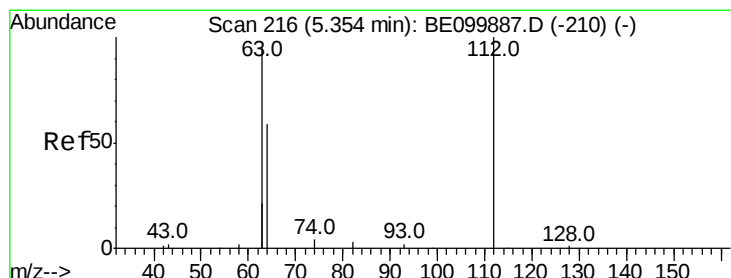
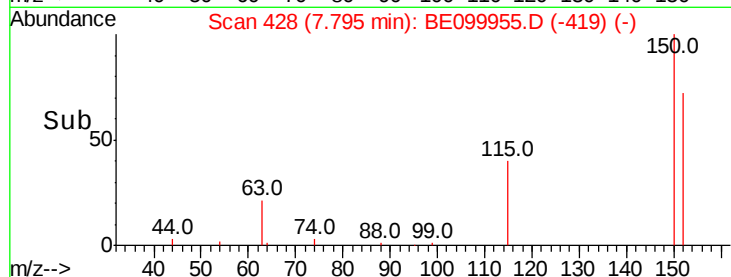
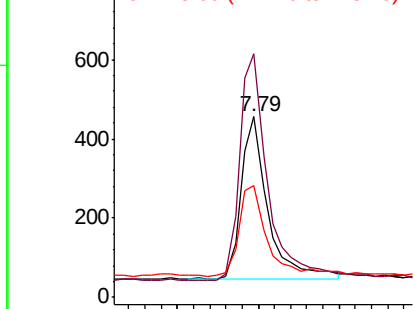
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099955.D
Acq: 12 Jun 2019 14:22

Instrument :
BNA_E
ClientSampleId :
RE123D3-20190605

Tot Ion:152 Resp: 948
Ion Ratio Lower Upper
152 100
150 134.6 111.0 166.6
115 62.1 50.7 76.1



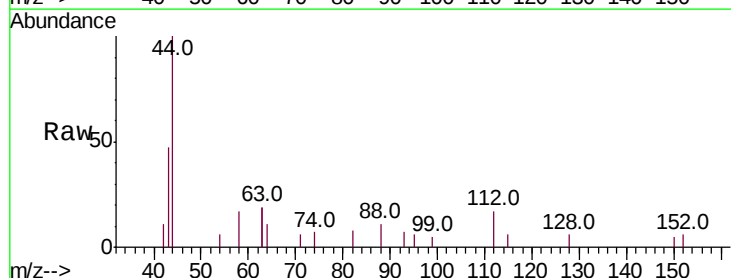
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



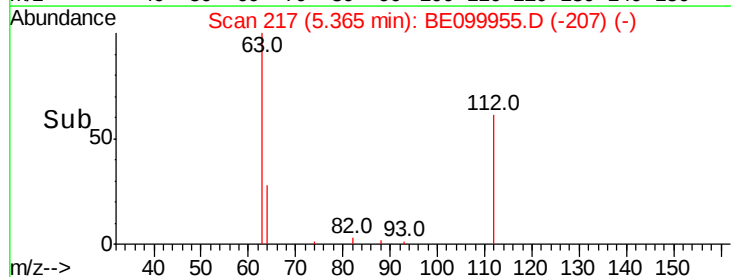
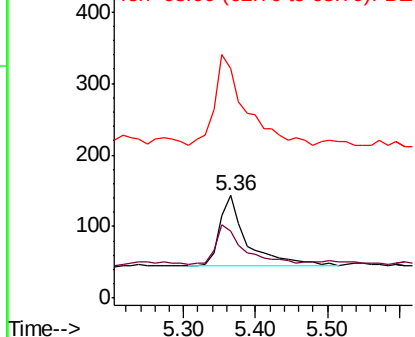
#4

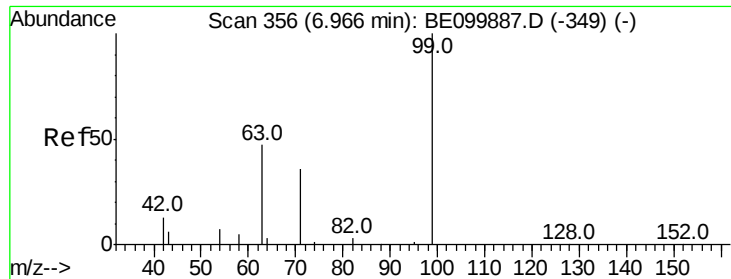
2-Fluorophenol
Concen: 0.102 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099955.D
Acq: 12 Jun 2019 14:22

Tgt Ion:112 Resp: 261
Ion Ratio Lower Upper
112 100
64 53.6 44.1 66.1
63 142.5 87.8 131.6#



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: 0.073 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

Instrument :

BNA_E

ClientSampleId :

RE123D3-20190605

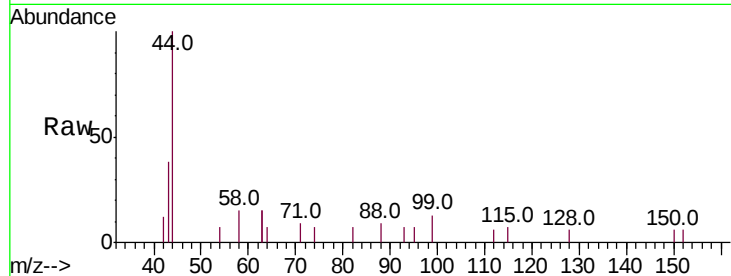
Tot Ion: 99 Resp: 240

Ion Ratio Lower Upper

99 100

42 14.6 15.9 23.9#

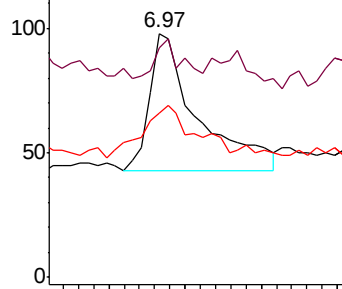
71 42.1 34.6 52.0



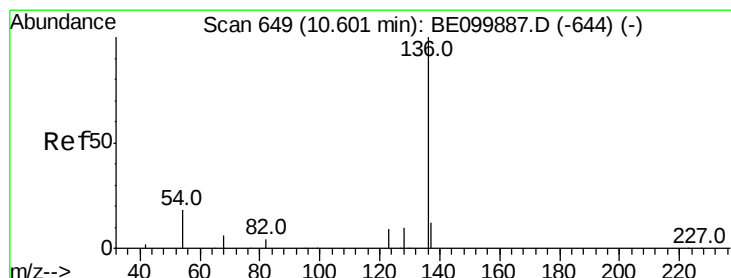
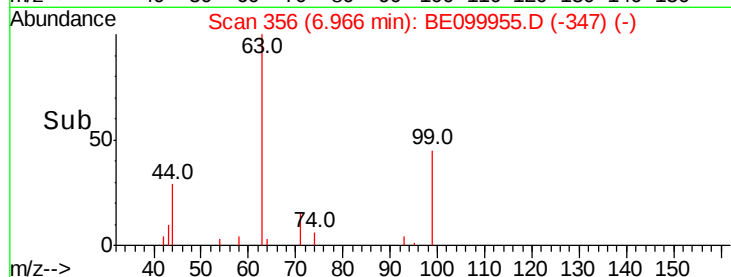
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

Tgt Ion: 136 Resp: 3317

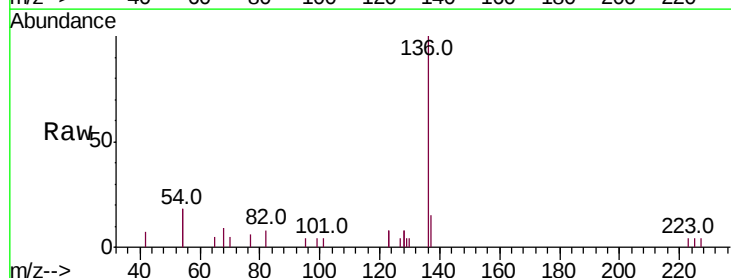
Ion Ratio Lower Upper

136 100

137 14.9 12.3 18.5

54 36.9 28.2 42.4

68 8.7 7.8 11.8

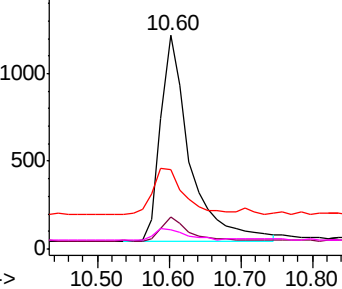


Abundance Ion 136.00 (135.70 to 136.70): E

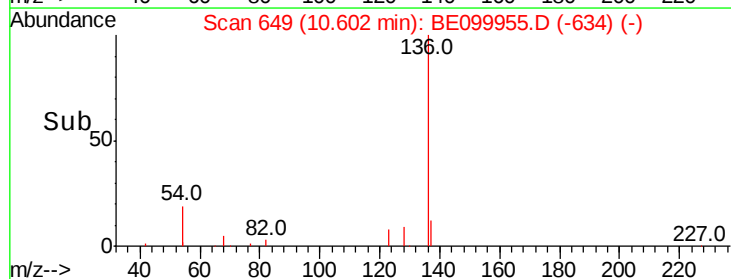
Ion 137.00 (136.70 to 137.70): E

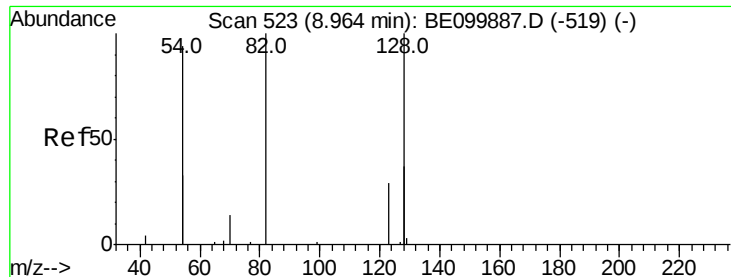
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.340 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

Instrument :

BNA_E

ClientSampleId :

RE123D3-20190605

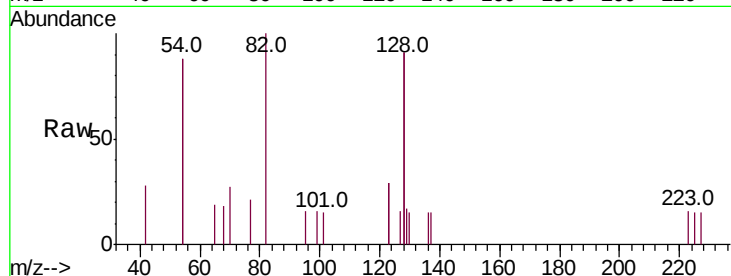
Tot Ion: 82 Resp: 1068

Ion Ratio Lower Upper

82 100

128 181.9 137.3 205.9

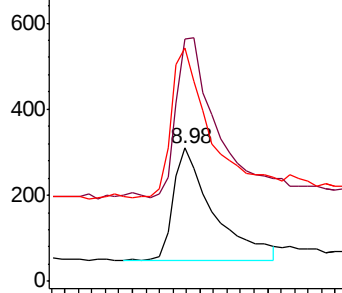
54 175.4 129.7 194.5



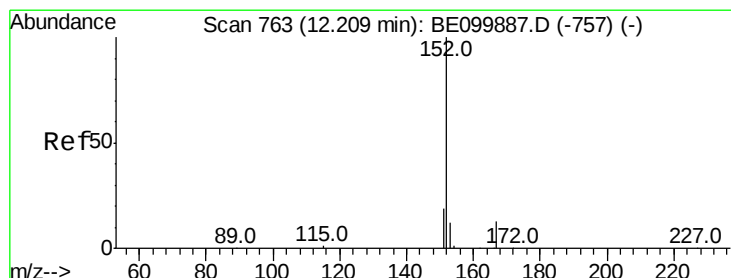
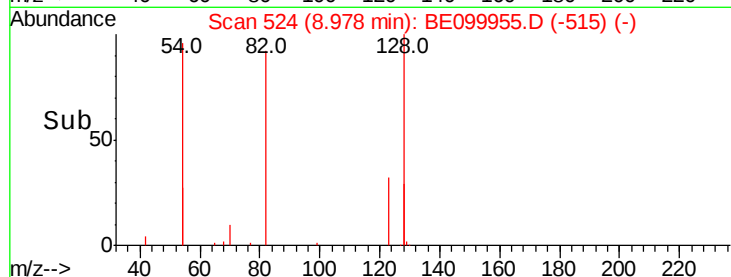
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.80 8.90 9.00 9.10



#11

2-Methylnaphthalene-d10

Concen: 0.324 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099955.D

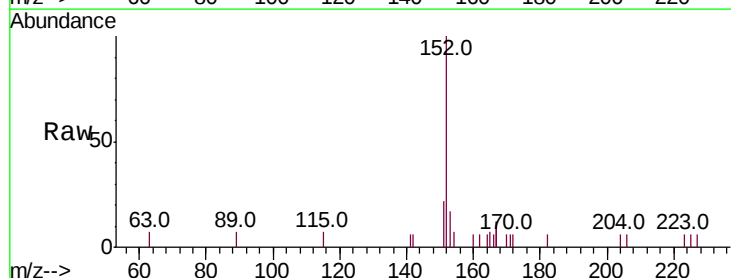
Acq: 12 Jun 2019 14:22

Tgt Ion: 152 Resp: 1876

Ion Ratio Lower Upper

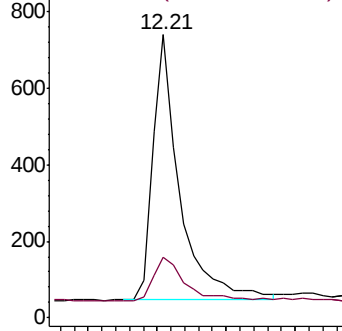
152 100

151 19.9 15.2 22.8

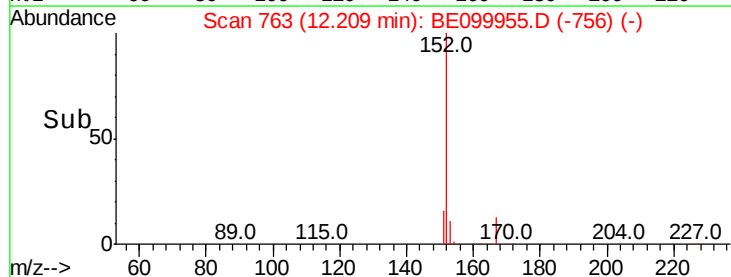


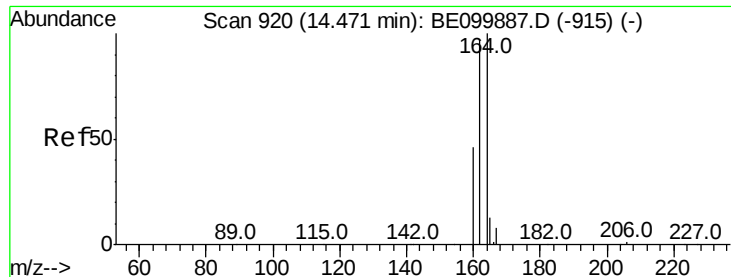
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 12.10 12.20 12.30 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

Instrument :

BNA_E

ClientSampleId :

RE123D3-20190605

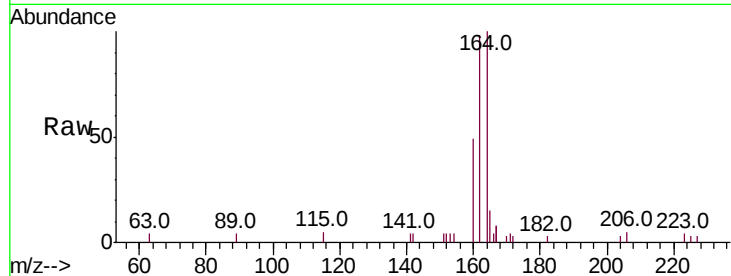
Tot Ion:164 Resp: 2569

Ion Ratio Lower Upper

164 100

162 98.1 77.8 116.8

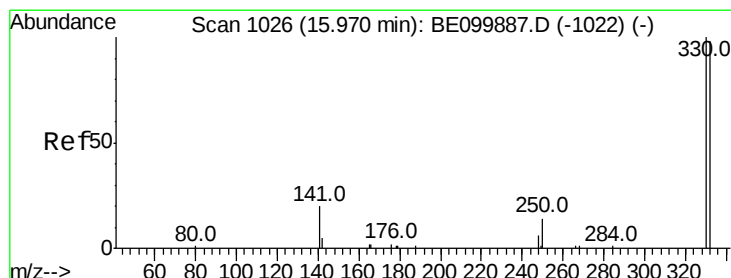
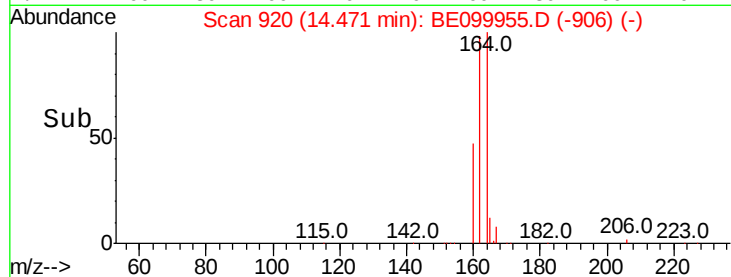
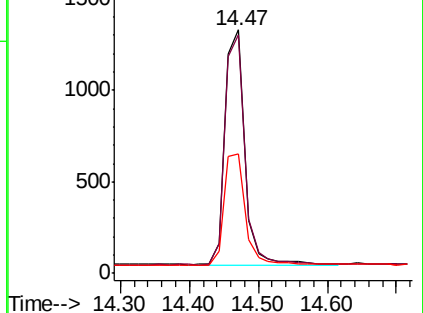
160 49.0 38.2 57.4



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: 0.188 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

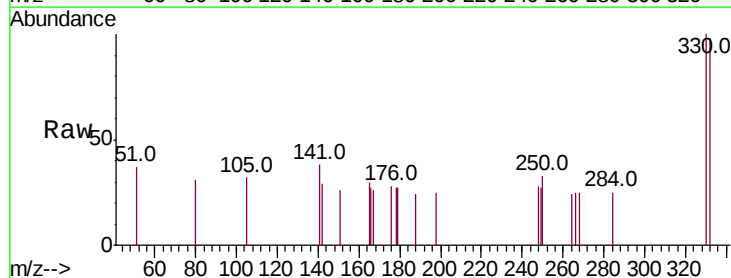
Tgt Ion:330 Resp: 357

Ion Ratio Lower Upper

330 100

332 88.5 76.7 115.1

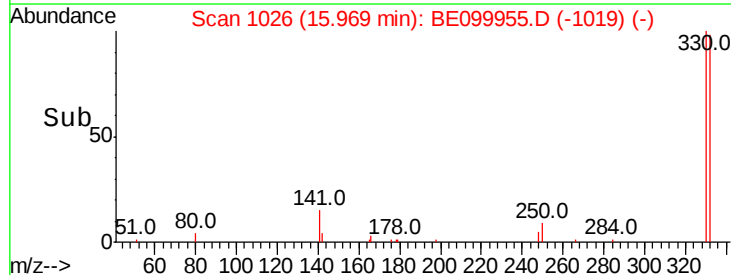
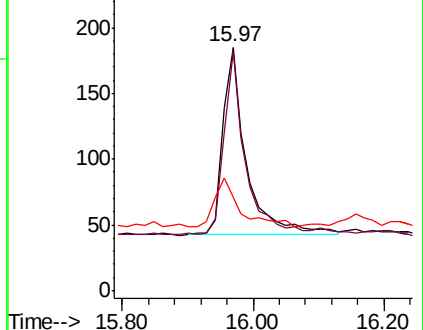
141 26.1 21.0 31.6

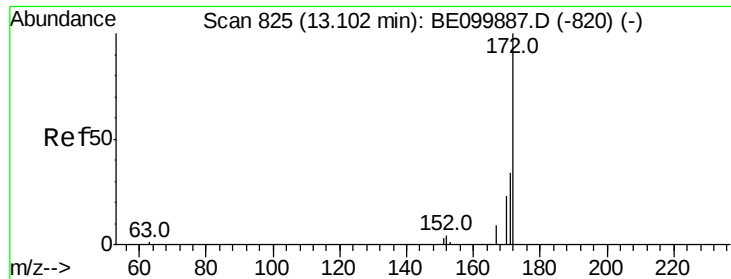


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

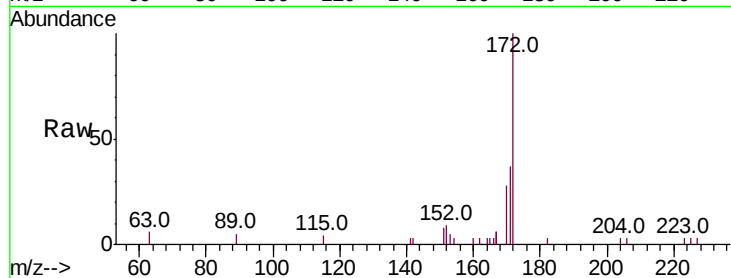




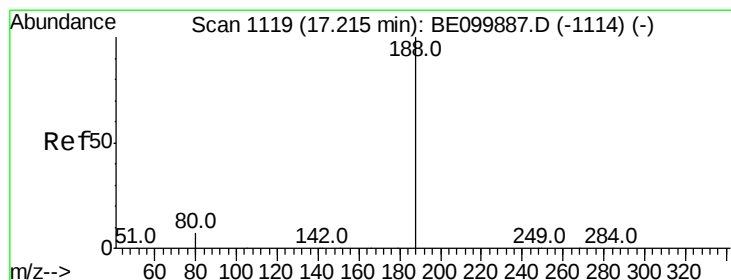
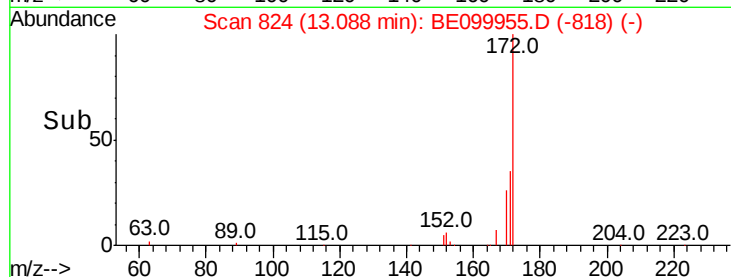
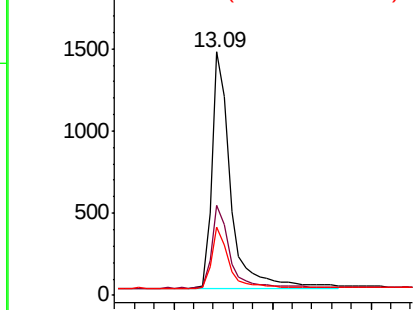
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099955.D
Acq: 12 Jun 2019 14:22

Instrument :
BNA_E
ClientSampleId :
RE123D3-20190605

Tot Ion:172 Resp: 3746
Ion Ratio Lower Upper
172 100
171 37.0 29.2 43.8
170 28.1 21.2 31.8

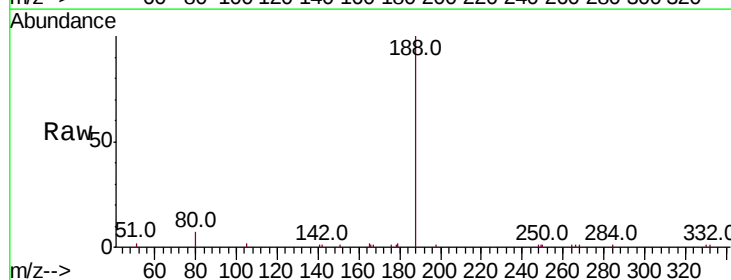


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

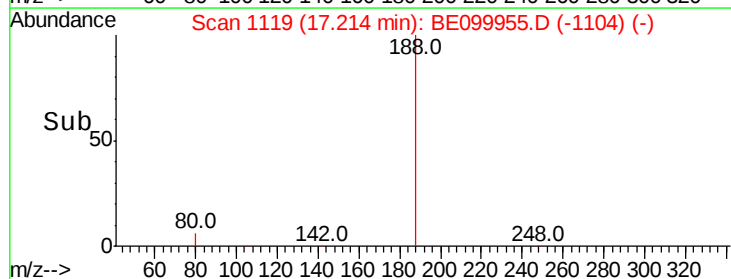
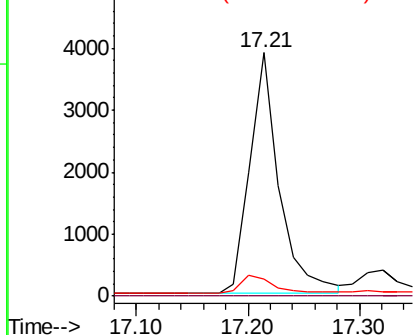


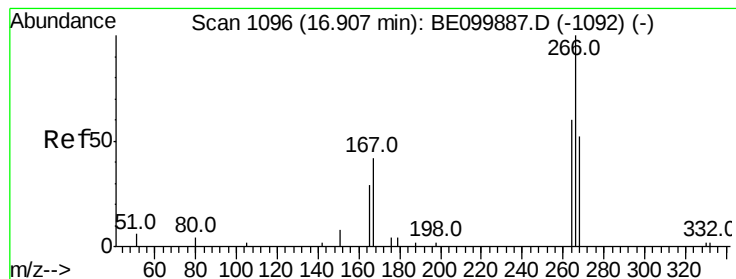
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099955.D
Acq: 12 Jun 2019 14:22

Tgt Ion:188 Resp: 7175
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 6.4 9.6



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: 0.487 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

Instrument :

BNA_E

ClientSampleId :

RE123D3-20190605

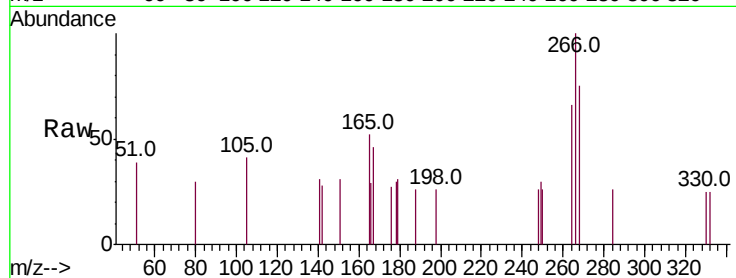
Tot Ion:266 Resp: 374

Ion Ratio Lower Upper

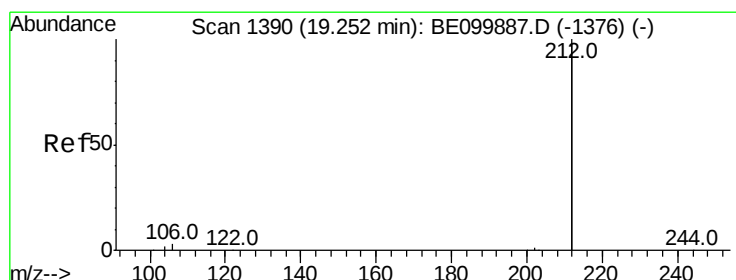
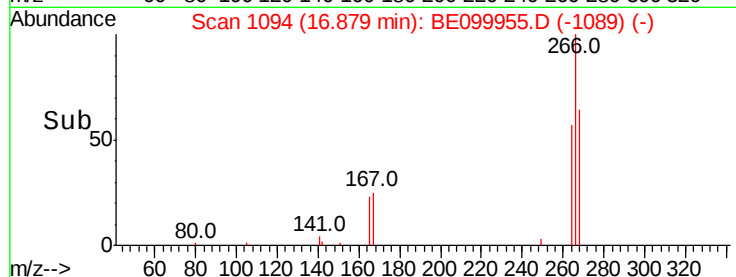
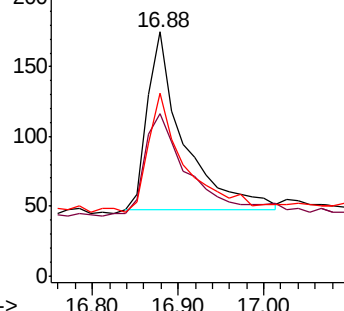
266 100

264 66.3 62.2 93.2

268 74.9 65.5 98.3



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: 0.349 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

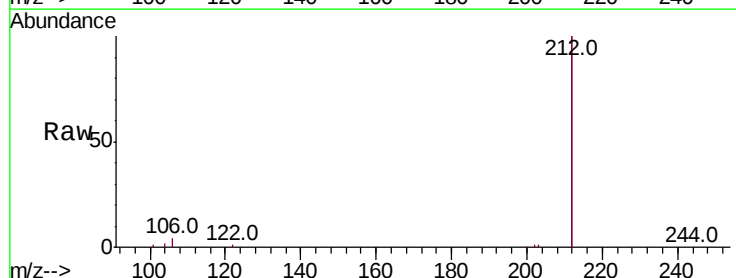
Tgt Ion:212 Resp: 36435

Ion Ratio Lower Upper

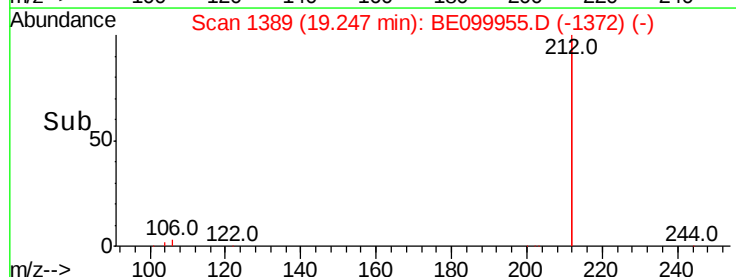
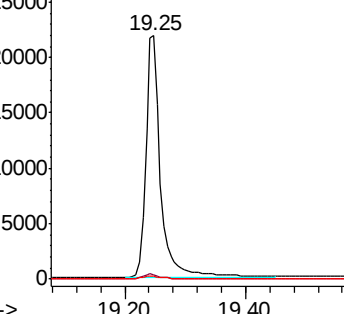
212 100

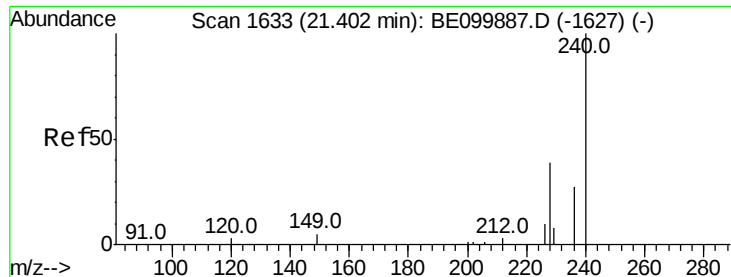
106 1.9 1.4 2.2

104 1.2 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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

Instrument :

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ClientSampleId :

RE123D3-20190605

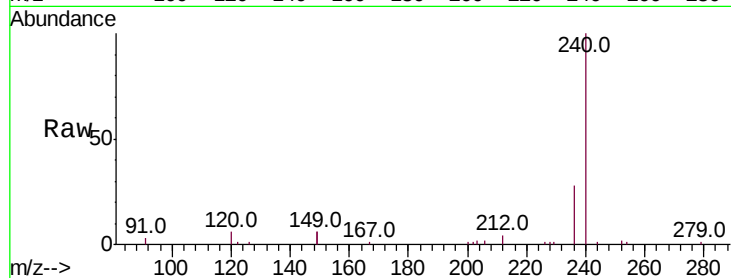
Tot Ion:240 Resp: 9874

Ion Ratio Lower Upper

240 100

120 5.5 3.8 5.6

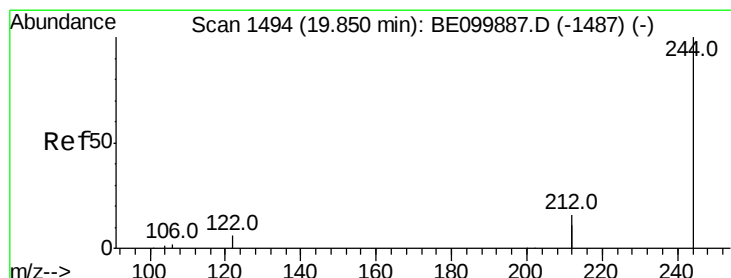
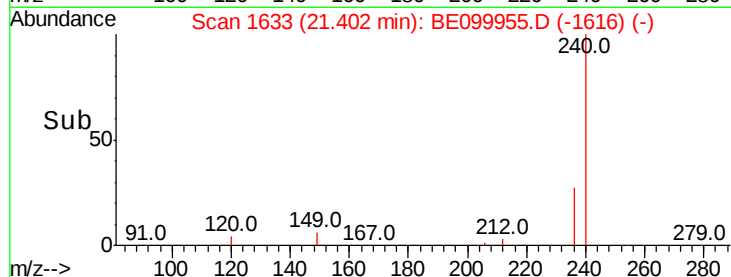
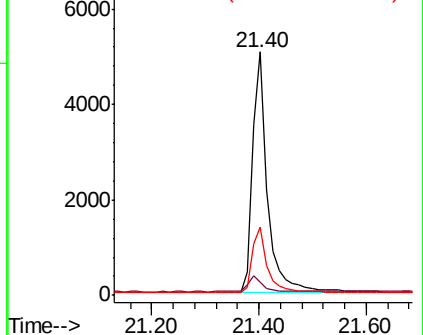
236 27.8 22.0 33.0



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: 0.549 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

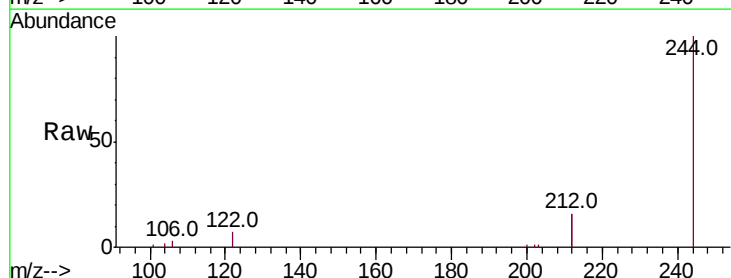
Tgt Ion:244 Resp: 9766

Ion Ratio Lower Upper

244 100

212 32.3 25.7 38.5

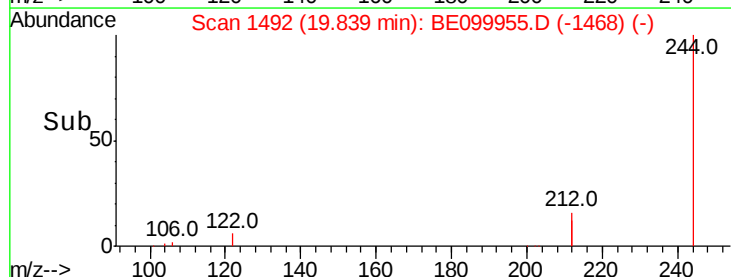
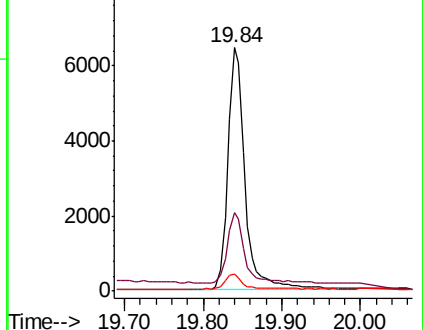
122 7.1 5.5 8.3

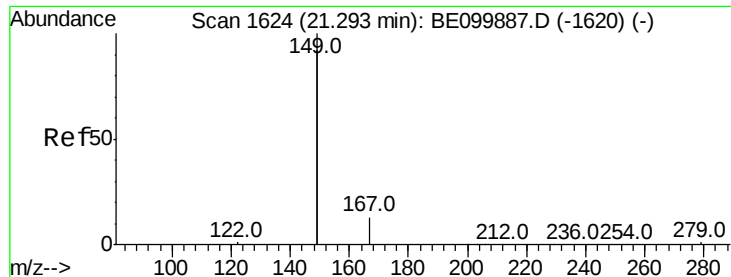


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

Instrument :

BNA_E

ClientSampleId :

RE123D3-20190605

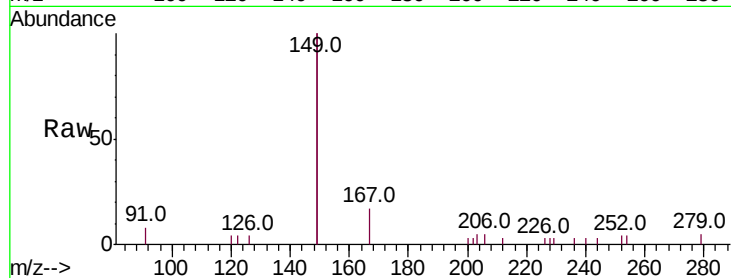
Tot Ion:149 Resp: 3665

Ion Ratio Lower Upper

149 100

167 8.0 5.9 8.9

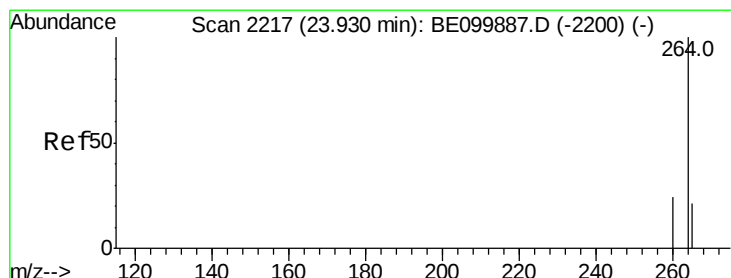
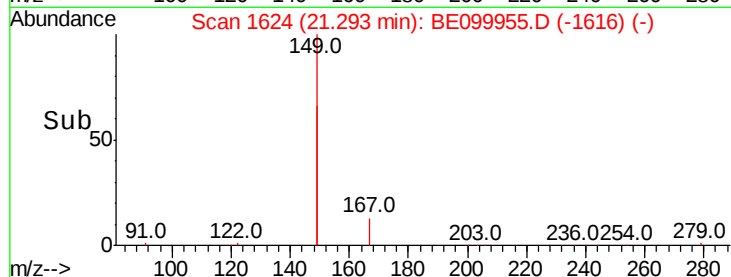
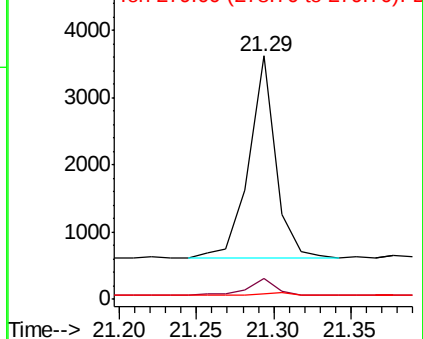
279 1.7 1.2 1.8



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

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BE099955.D

Acq: 12 Jun 2019 14:22

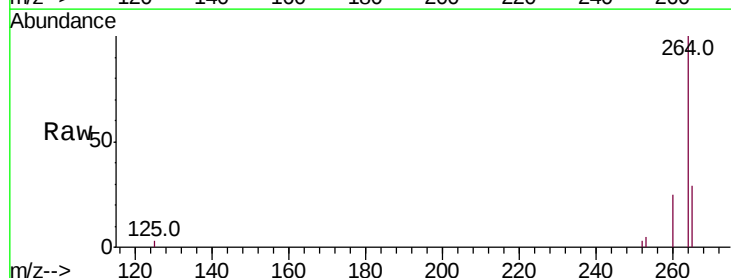
Tgt Ion:264 Resp: 10976

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 29.5 22.0 33.0



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

