

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099951.D
 Acq On : 12 Jun 2019 11:58
 Operator : JU/SJ
 Sample : K3255-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190605

Quant Time: Jun 13 04:08:26 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

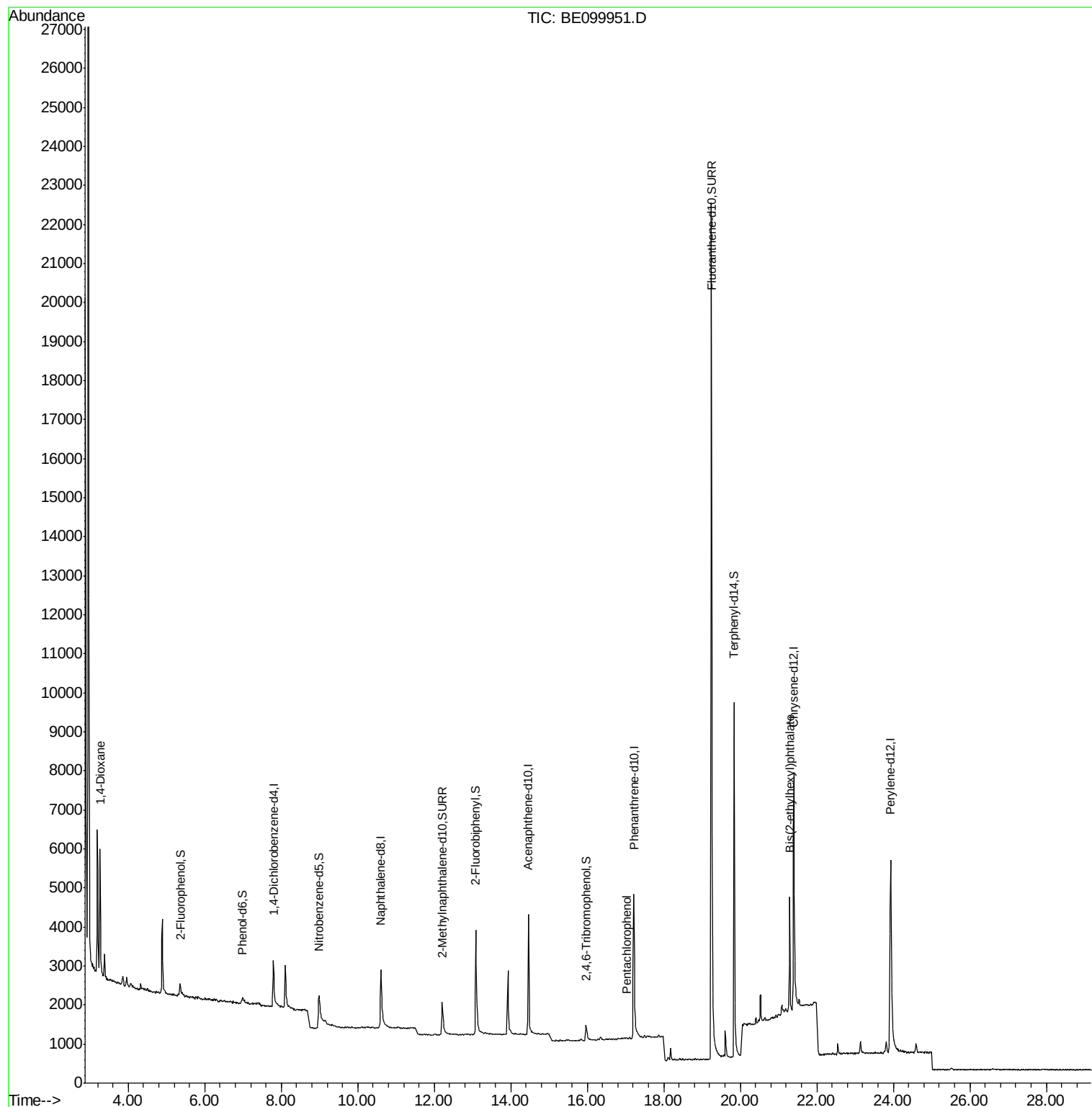
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	911	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3114	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2494	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	7510	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9410	0.40	ng	0.00
34) Perylene-d12	23.93	264	10521	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	324	0.13	ng	0.00
5) Phenol-d6	6.97	99	221	0.07	ng	0.00
8) Nitrobenzene-d5	8.99	82	999	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	1945	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	451	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3927	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	38404	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	10211	0.60	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	2627	1.948	ng	98
22) Pentachlorophenol	17.03	266	2	0.301	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	3696	0.092	ng	98

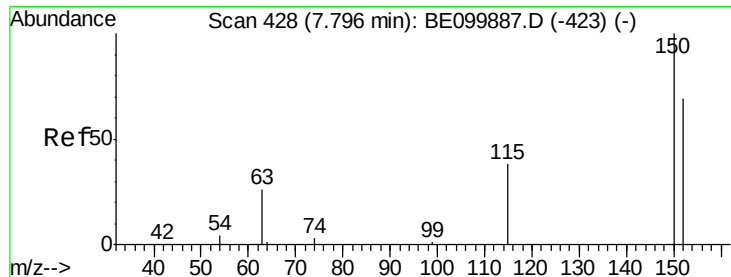
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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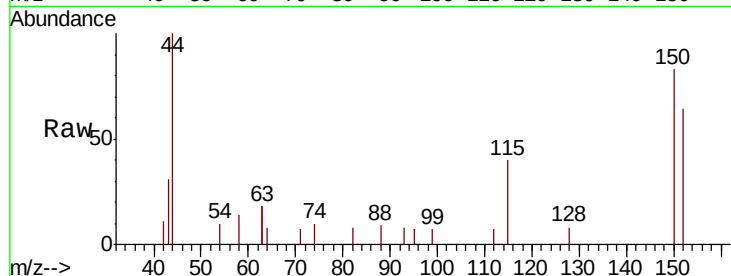


#1

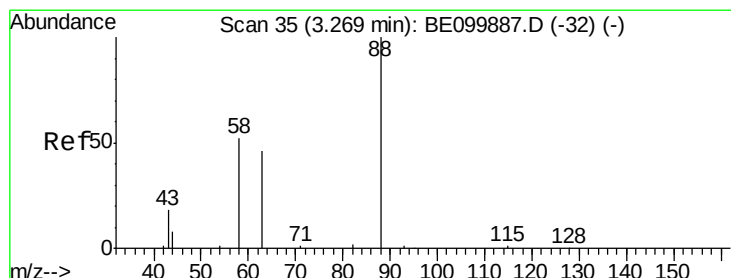
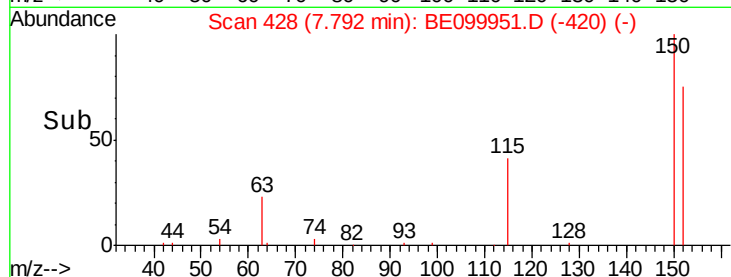
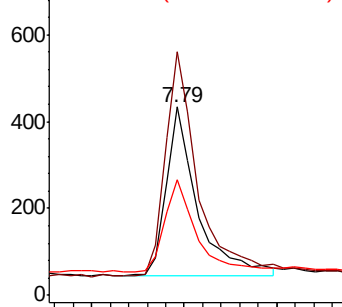
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099951.D
Acq: 12 Jun 2019 11:58

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190605

Tgt Ion: 152 Resp: 911
Ion Ratio Lower Upper
152 100
150 129.3 111.0 166.6
115 61.5 50.7 76.1



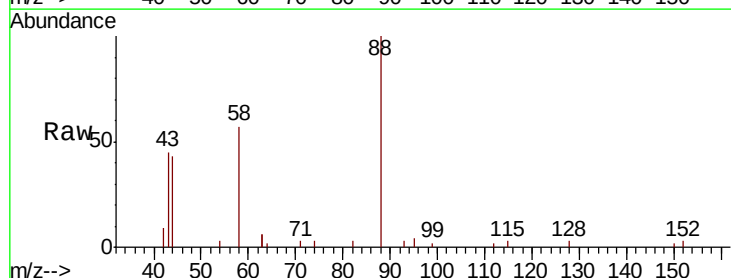
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



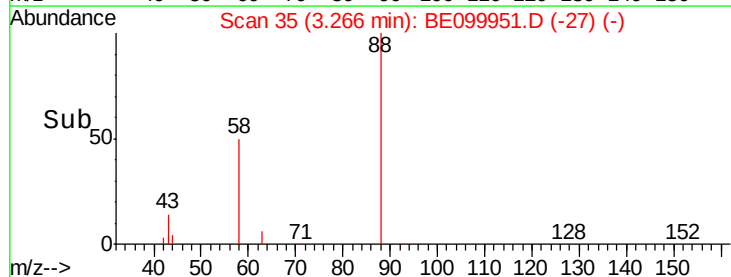
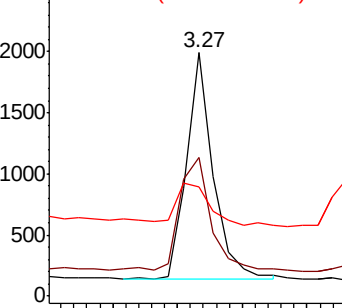
#2

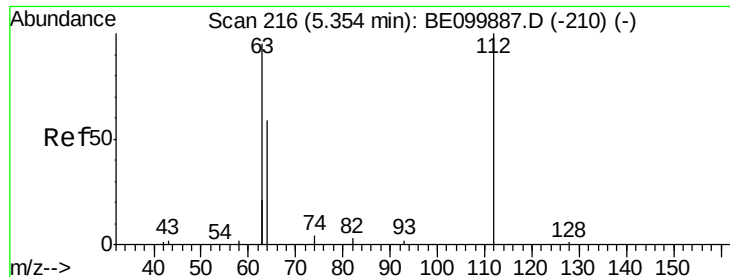
1,4-Dioxane
Concen: 1.948 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099951.D
Acq: 12 Jun 2019 11:58

Tgt Ion: 88 Resp: 2627
Ion Ratio Lower Upper
88 100
58 59.3 48.8 73.2
43 24.0 19.0 28.6



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: 0.132 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605

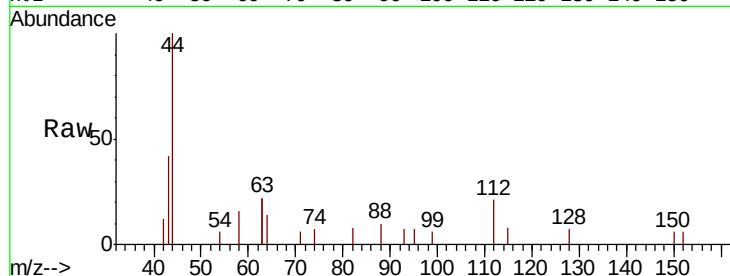
Tgt Ion: 112 Resp: 324

Ion Ratio Lower Upper

112 100

64 50.0 44.1 66.1

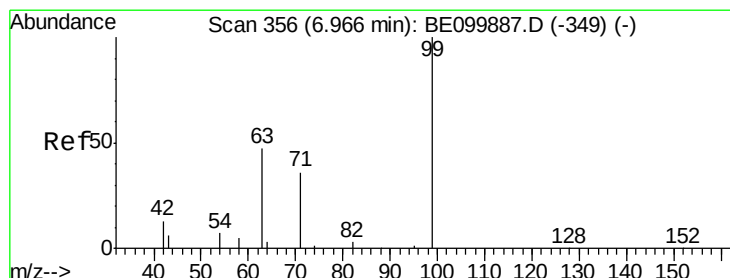
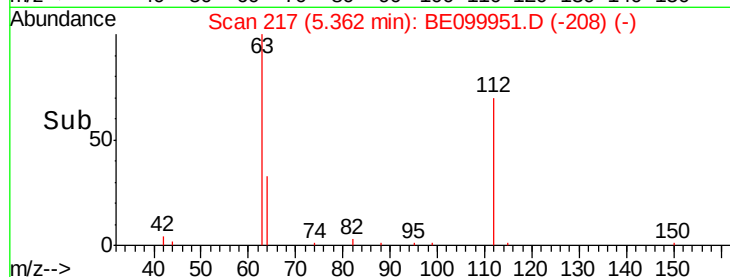
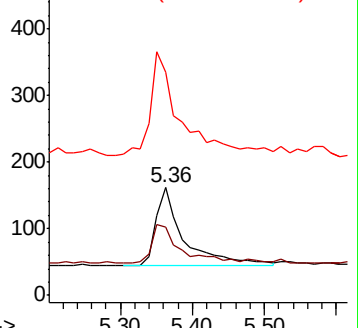
63 142.9 87.8 131.6#



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: 0.070 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

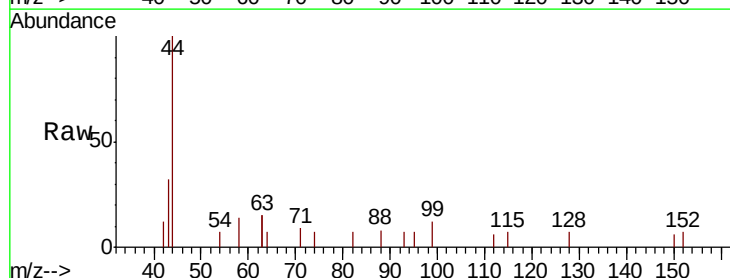
Tgt Ion: 99 Resp: 221

Ion Ratio Lower Upper

99 100

42 18.6 15.9 23.9

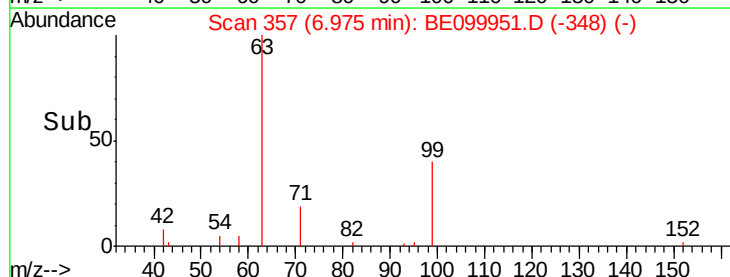
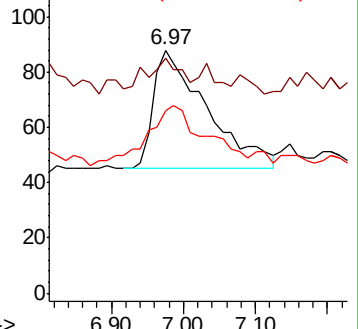
71 45.2 34.6 52.0

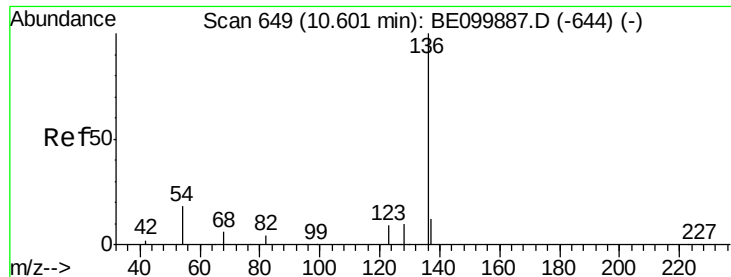


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605

Tgt Ion: 136 Resp: 3114

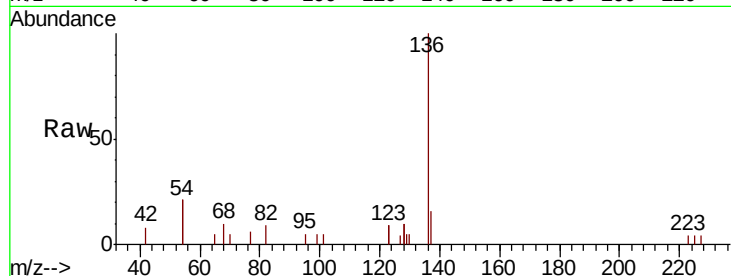
Ion Ratio Lower Upper

136 100

137 15.7 12.3 18.5

54 41.6 28.2 42.4

68 10.3 7.8 11.8

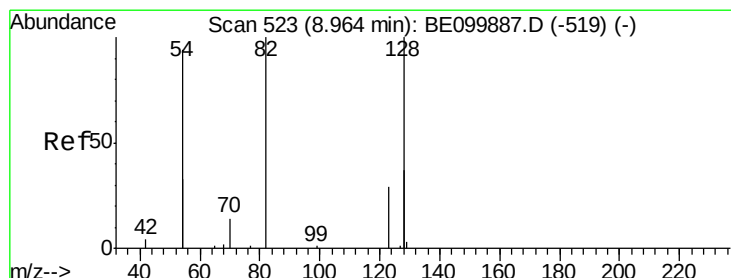
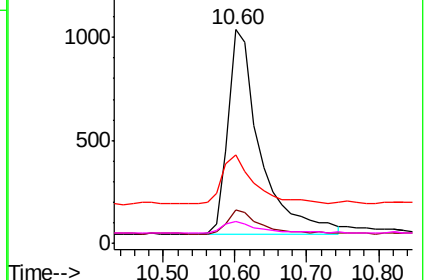
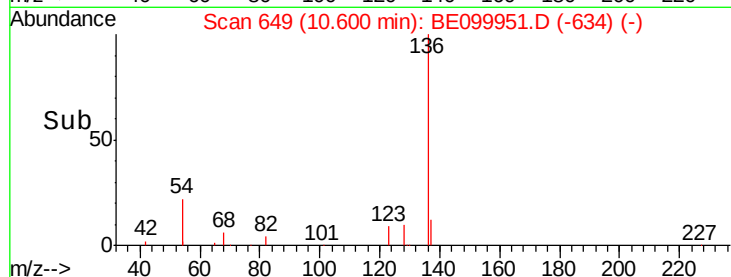


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

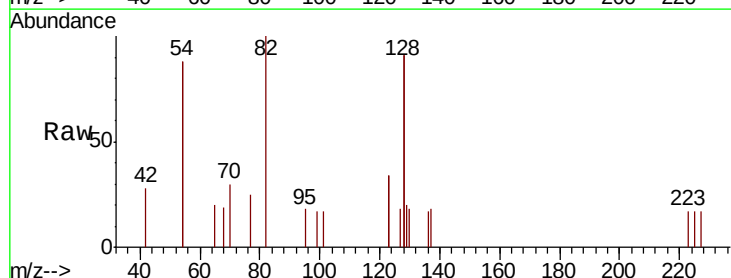
Tgt Ion: 82 Resp: 999

Ion Ratio Lower Upper

82 100

128 182.0 137.3 205.9

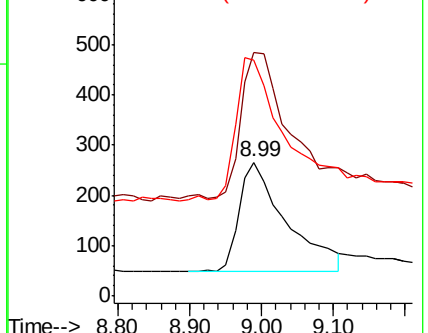
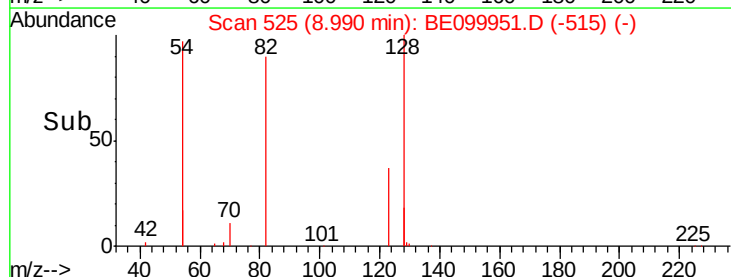
54 175.9 129.7 194.5

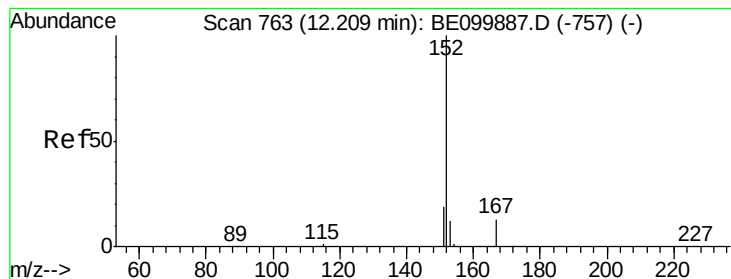


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

Instrument :

BNA_E

ClientSampleId :

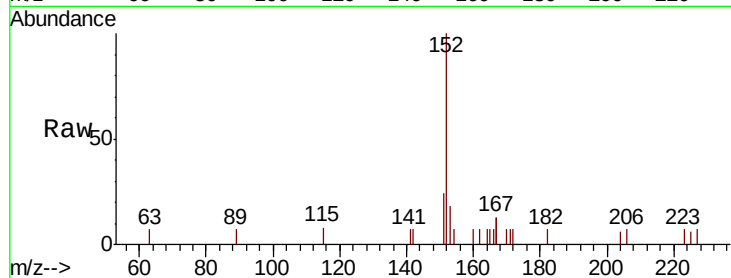
RE123D1-20190605

Tgt Ion:152 Resp: 1945

Ion Ratio Lower Upper

152 100

151 20.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

400

200

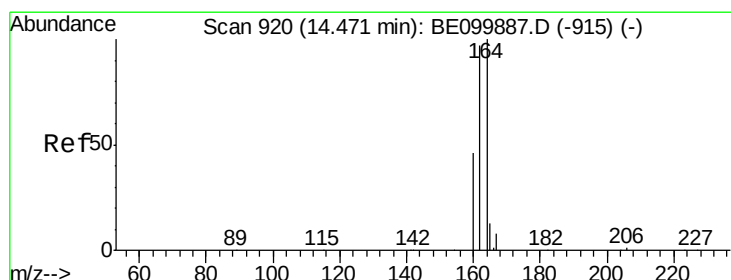
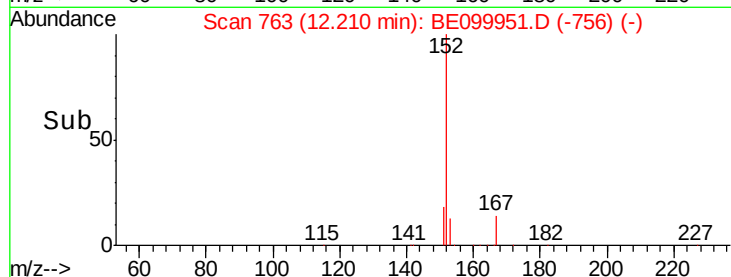
0

12.20

12.21

12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

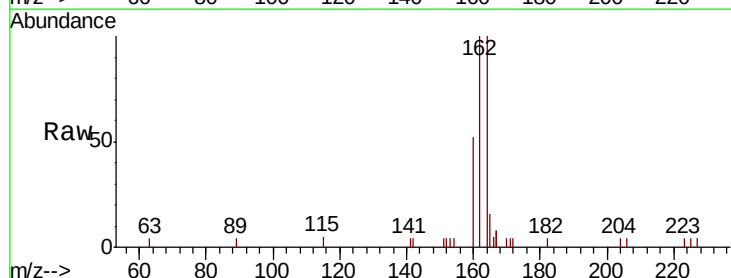
Tgt Ion:164 Resp: 2494

Ion Ratio Lower Upper

164 100

162 99.7 77.8 116.8

160 52.3 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

1500

1000

500

0

14.30

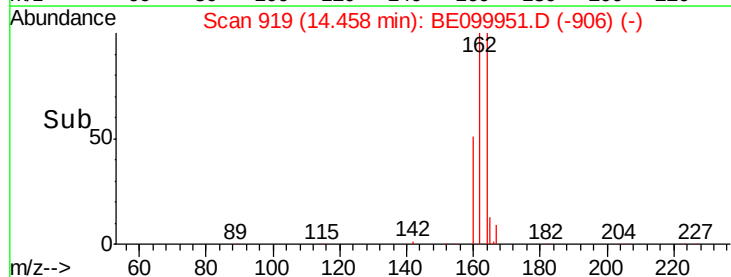
14.40

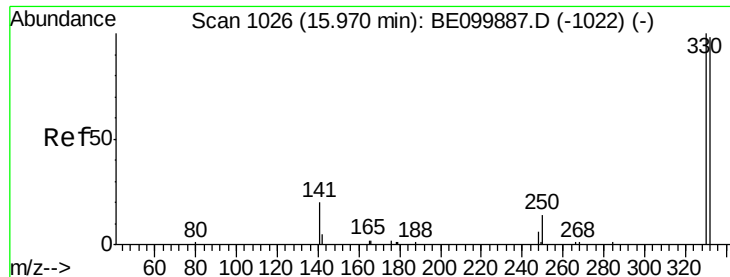
14.46

14.50

14.60

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.245 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605

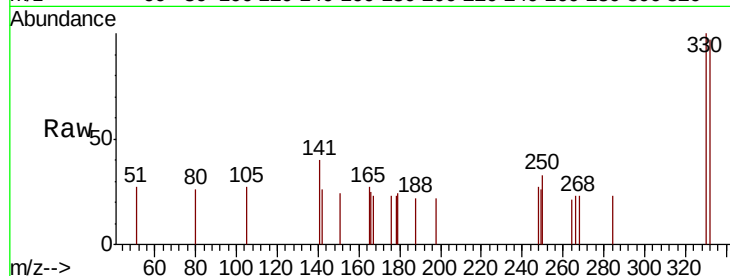
Tgt Ion:330 Resp: 451

Ion Ratio Lower Upper

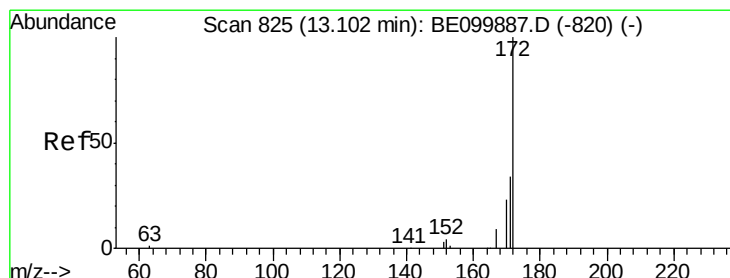
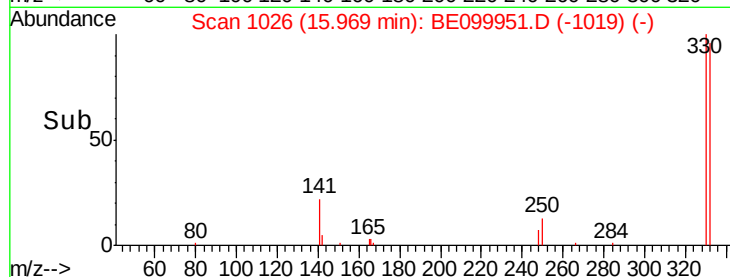
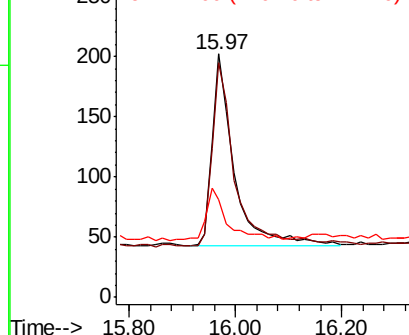
330 100

332 98.4 76.7 115.1

141 24.6 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: 0.415 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

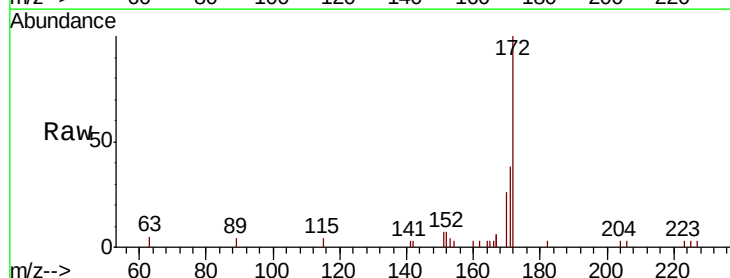
Tgt Ion:172 Resp: 3927

Ion Ratio Lower Upper

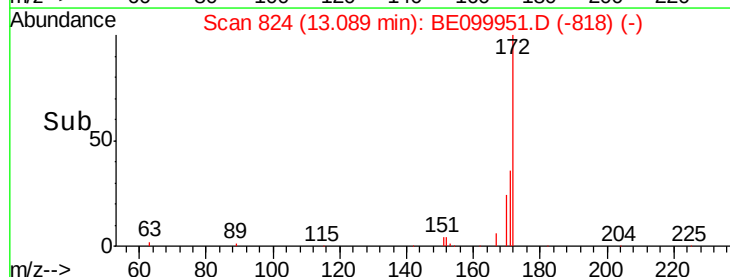
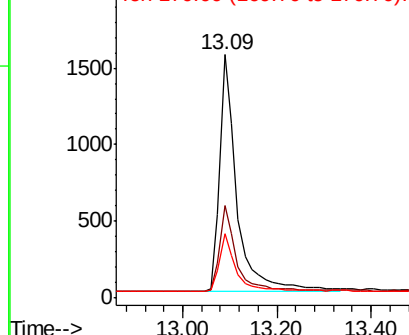
172 100

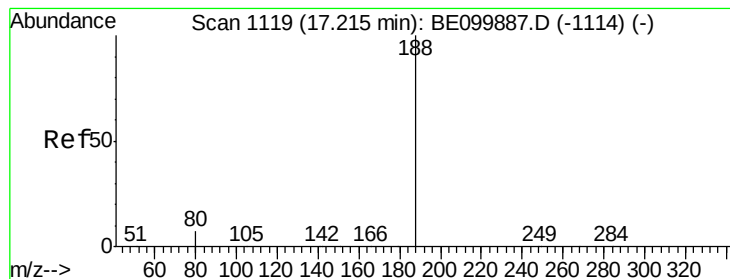
171 38.2 29.2 43.8

170 26.2 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: BE099951.D

Acq: 12 Jun 2019 11:58

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605

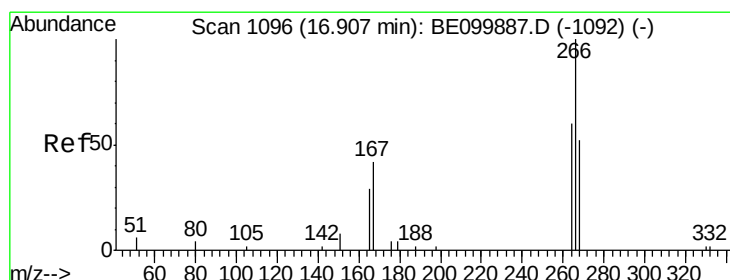
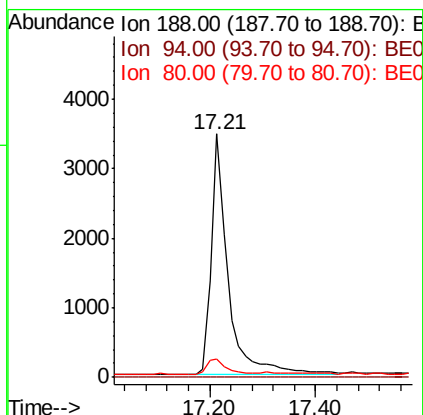
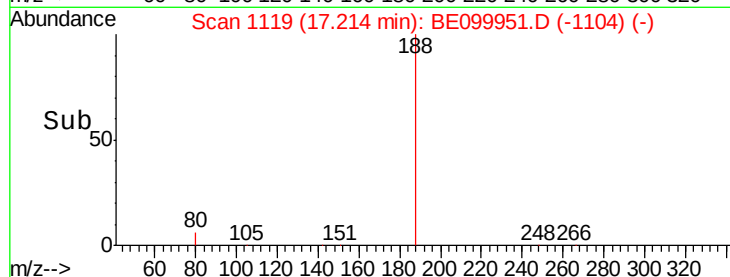
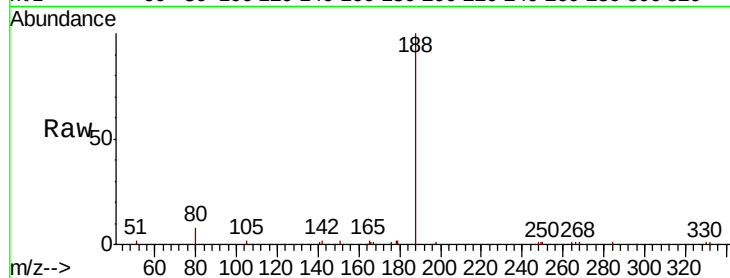
Tgt Ion:188 Resp: 7510

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.6 6.4 9.6



#22

Pentachlorophenol

Concen: 0.301 ng

RT: 17.03 min Scan# 1105

Delta R.T. 0.12 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

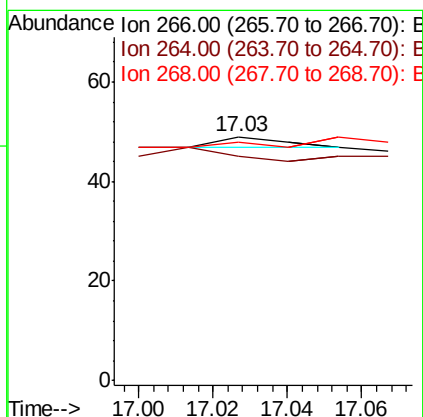
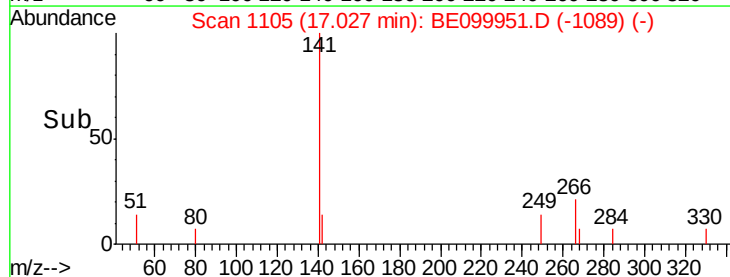
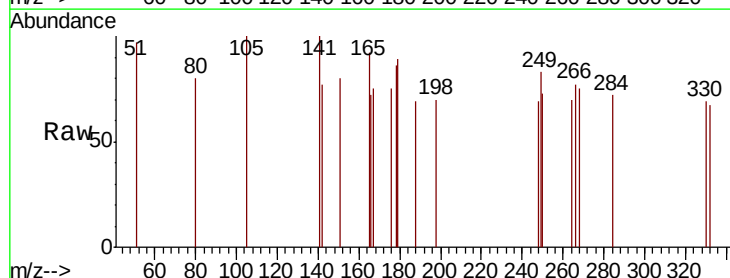
Tgt Ion:266 Resp: 2

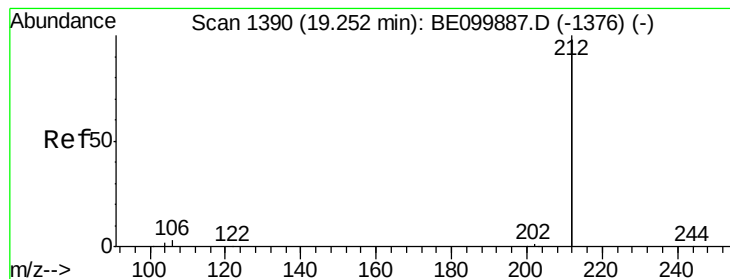
Ion Ratio Lower Upper

266 100

264 91.8 62.2 93.2

268 98.0 65.5 98.3





#25

Fluoranthene-d10

Concen: 0.351 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099951.D

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RE123D1-20190605

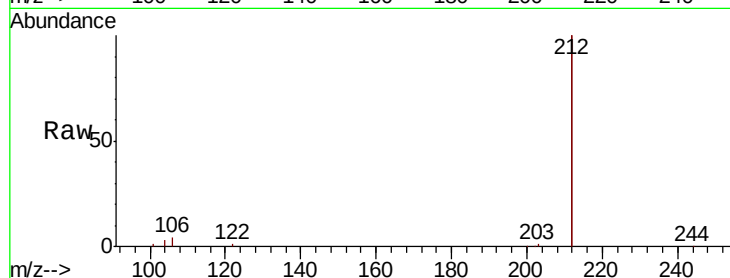
Tgt Ion:212 Resp: 38404

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

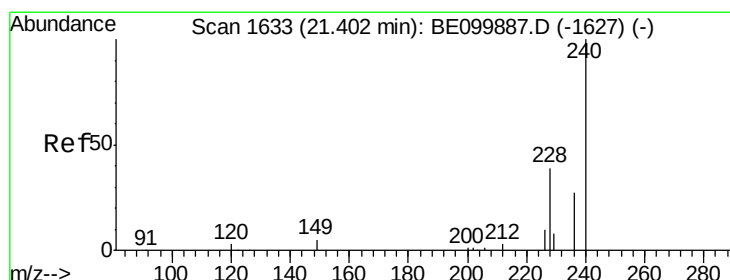
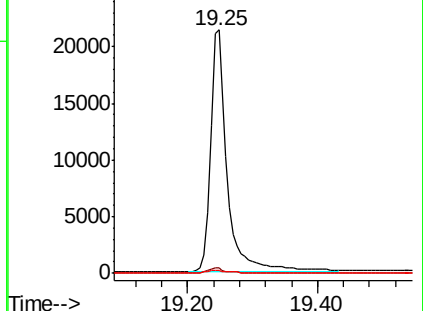
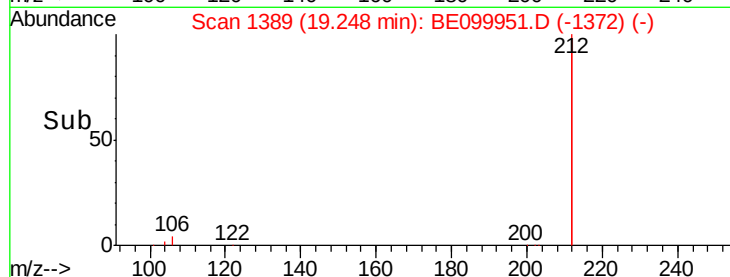
104 1.3 0.9 1.3#



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: BE099951.D

Acq: 12 Jun 2019 11:58

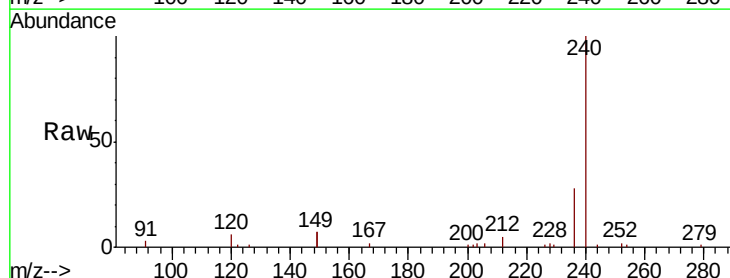
Tgt Ion:240 Resp: 9410

Ion Ratio Lower Upper

240 100

120 5.6 3.8 5.6

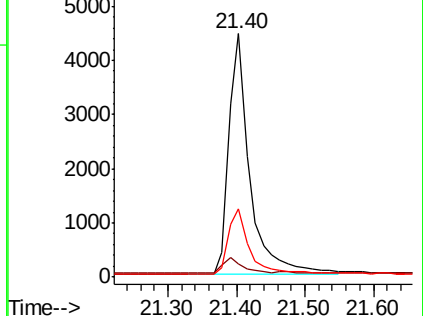
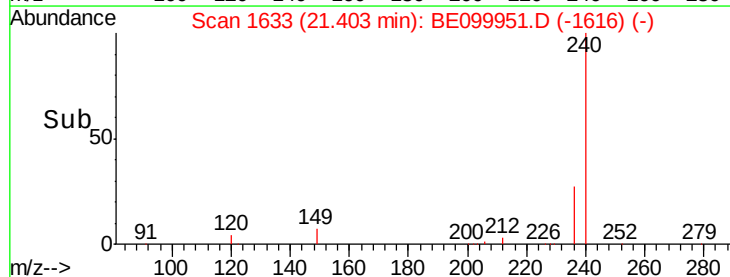
236 28.1 22.0 33.0

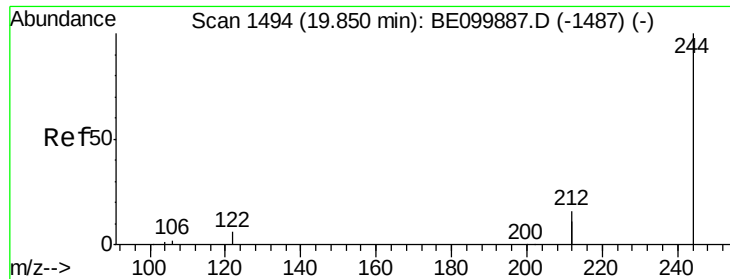


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.603 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605

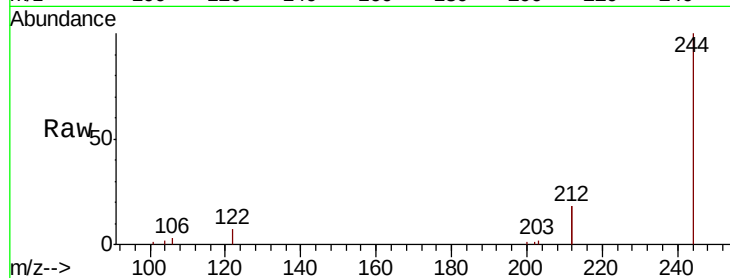
Tgt Ion:244 Resp: 10211

Ion Ratio Lower Upper

244 100

212 36.1 25.7 38.5

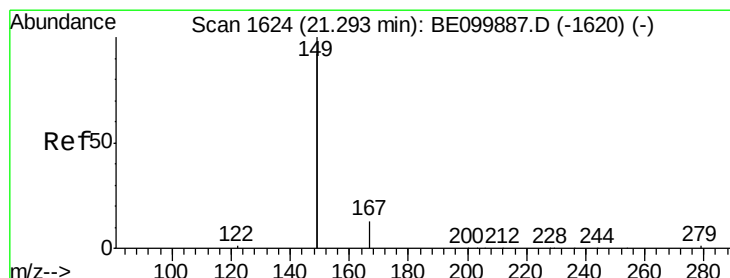
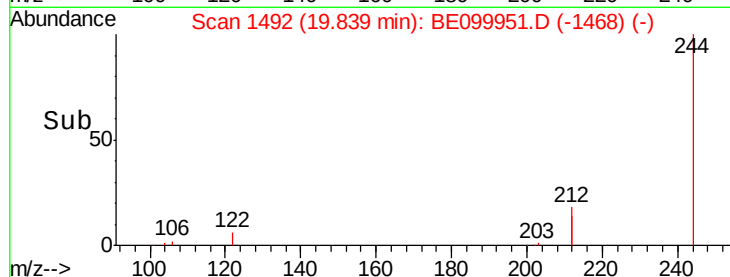
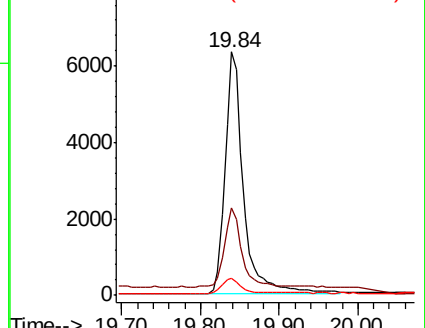
122 7.0 5.5 8.3



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: 0.092 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099951.D

Acq: 12 Jun 2019 11:58

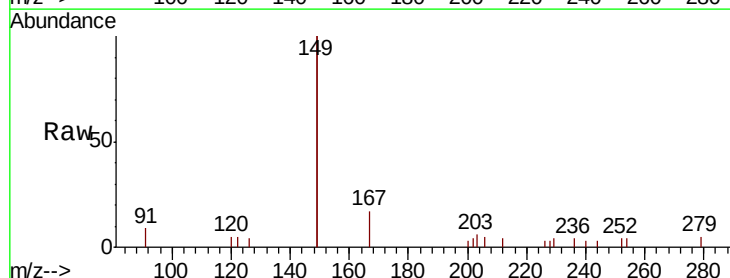
Tgt Ion:149 Resp: 3696

Ion Ratio Lower Upper

149 100

167 6.8 5.9 8.9

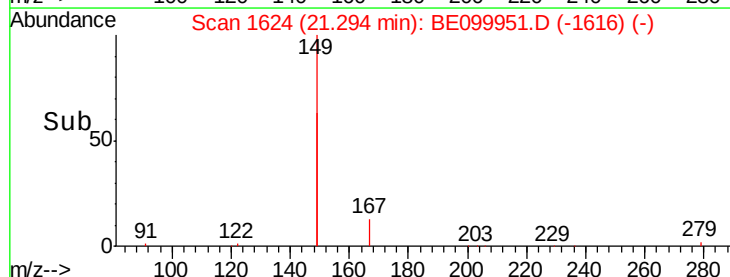
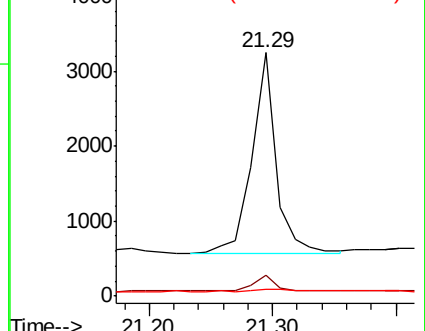
279 1.5 1.2 1.8

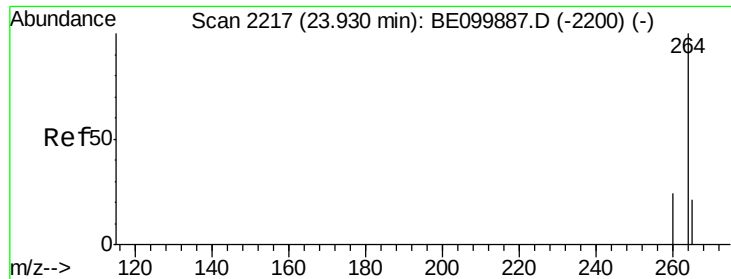


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2216

Delta R.T. -0.00 min

Lab File: BE099951.D

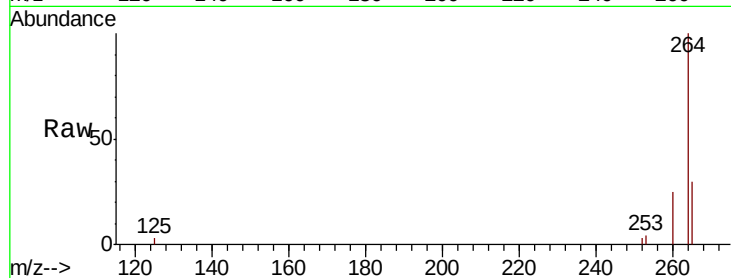
Acq: 12 Jun 2019 11:58

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190605



Tgt Ion: 264 Resp: 10521

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

265 30.0 22.0 33.0

