

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099904.D
 Acq On : 10 Jun 2019 23:30
 Operator : JU/SJ
 Sample : K3257-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190606

Quant Time: Jun 11 05:59:56 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	653	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2267	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1797	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5950	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9034	0.40	ng	0.00
34) Perylene-d12	23.93	264	10281	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	249	0.14	ng	0.00
5) Phenol-d6	6.99	99	170	0.07	ng	0.02
8) Nitrobenzene-d5	8.98	82	764	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1509	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	423	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2924	0.43	ng	0.00
25) Fluoranthene-d10	19.25	212	34955	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9127	0.56	ng	-0.01

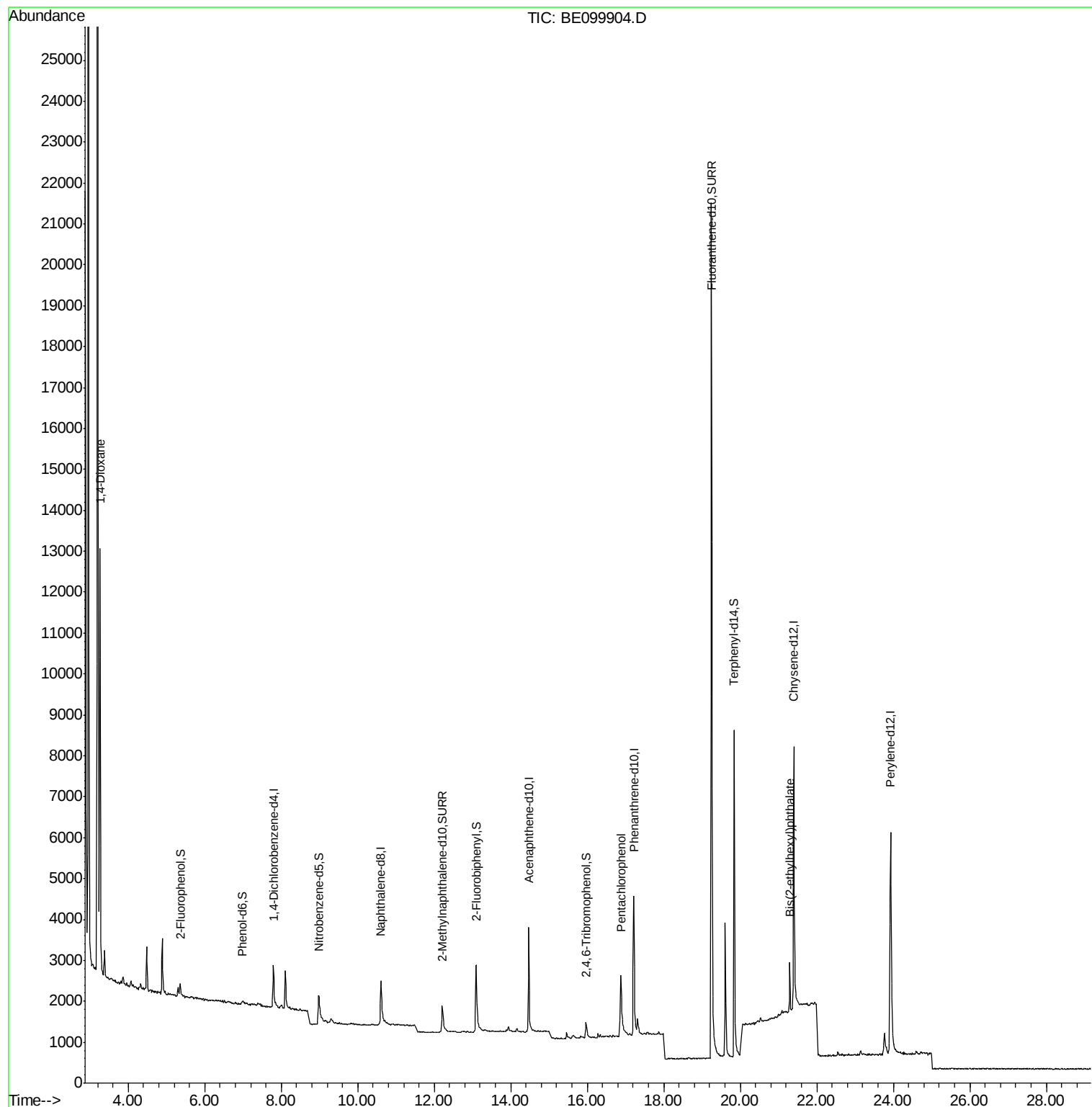
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	8164	8.447	ng	94
22) Pentachlorophenol	16.88	266	1778	1.372	ng	86
32) Bis(2-ethylhexyl)phthalate	21.29	149	1652	0.043	ng	# 97

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

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QLast Update : Mon Jun 10 14:57:20 2019
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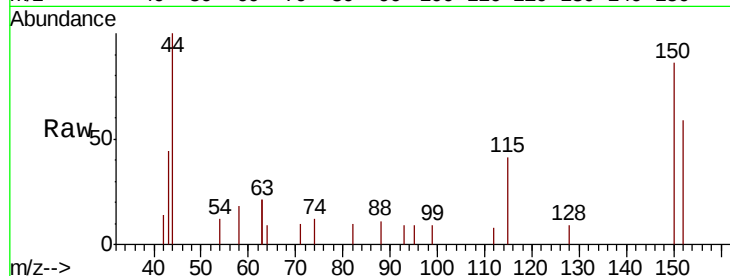


#1

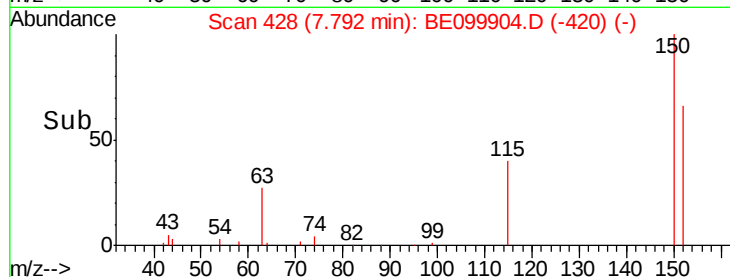
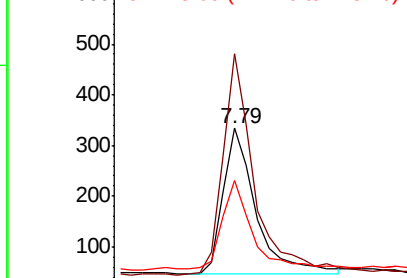
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099904.D
Acq: 10 Jun 2019 23:30

Instrument :
BNA_E
ClientSampleId :
RE131D1-20190606

Tot Ion:152 Resp: 653
Ion Ratio Lower Upper
152 100
150 144.0 111.0 166.6
115 69.2 50.7 76.1



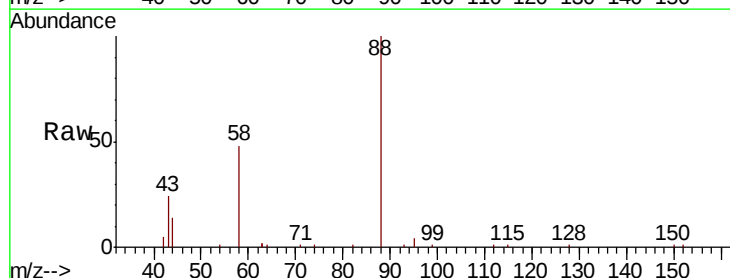
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



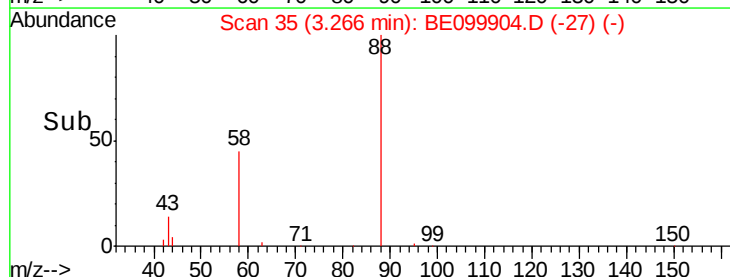
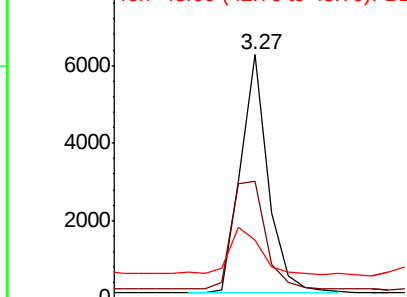
#2

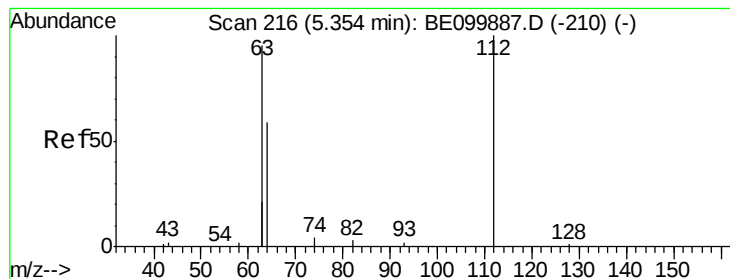
1,4-Dioxane
Concen: 8.447 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099904.D
Acq: 10 Jun 2019 23:30

Tgt Ion: 88 Resp: 8164
Ion Ratio Lower Upper
88 100
58 55.7 48.8 73.2
43 22.5 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: 0.141 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

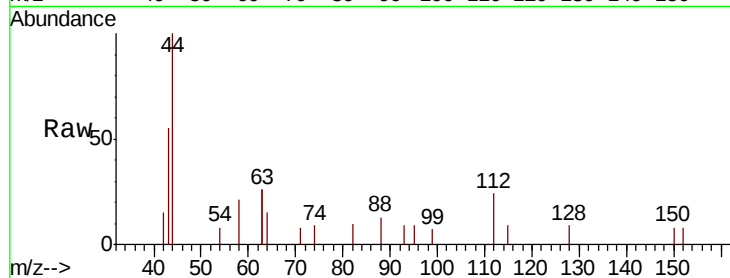
Tot Ion:112 Resp: 249

Ion Ratio Lower Upper

112 100

64 53.8 44.1 66.1

63 132.1 87.8 131.6#

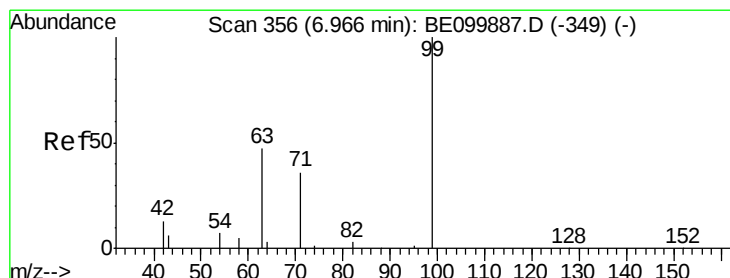
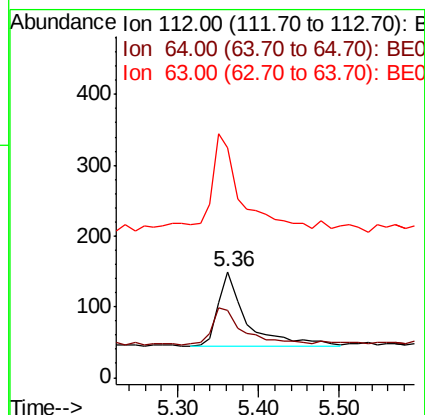
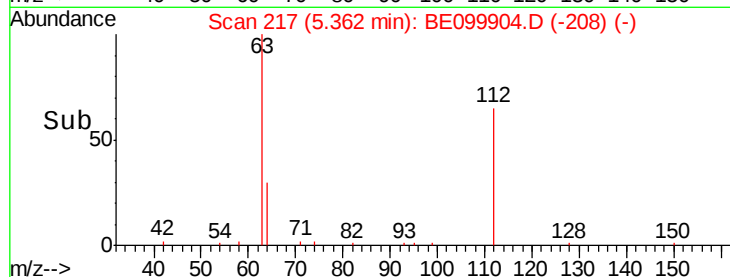


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.075 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

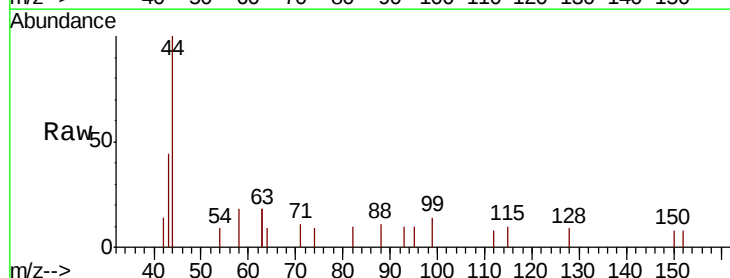
Tgt Ion: 99 Resp: 170

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 27.1 34.6 52.0#

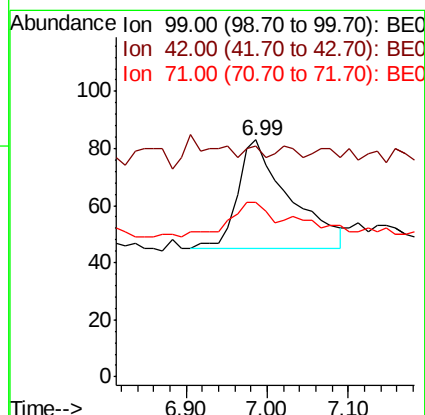
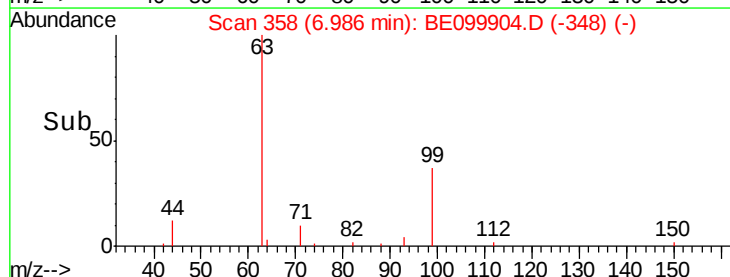


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

Tot Ion:136 Resp: 2267

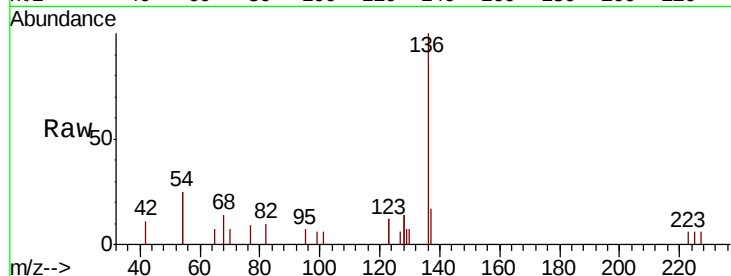
Ion Ratio Lower Upper

136 100

137 16.6 12.3 18.5

54 50.2 28.2 42.4#

68 13.9 7.8 11.8#

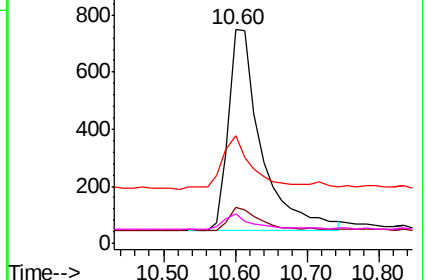
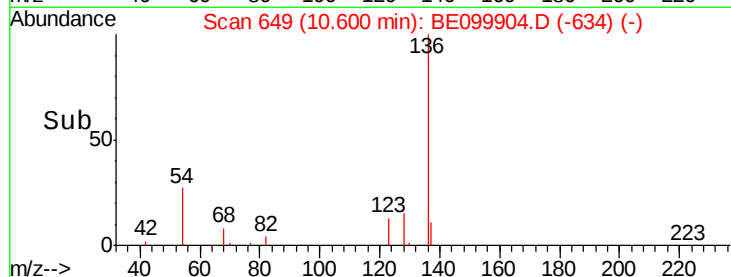


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

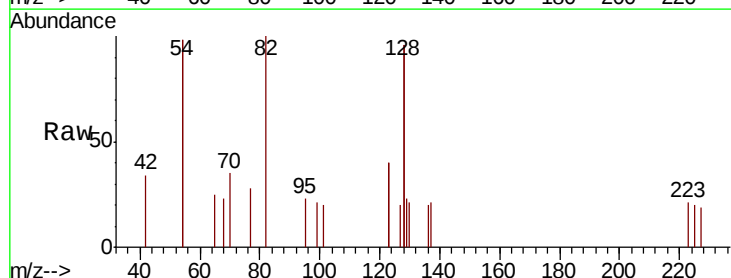
Tgt Ion: 82 Resp: 764

Ion Ratio Lower Upper

82 100

128 192.1 137.3 205.9

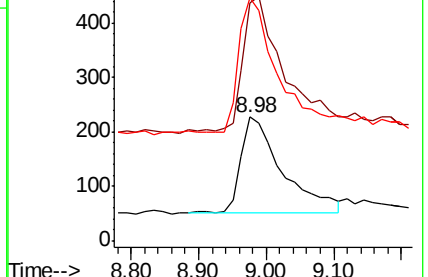
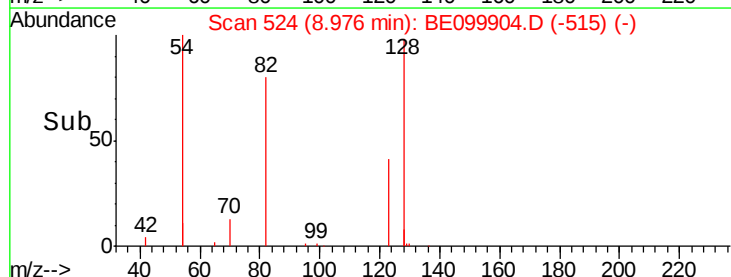
54 196.5 129.7 194.5#

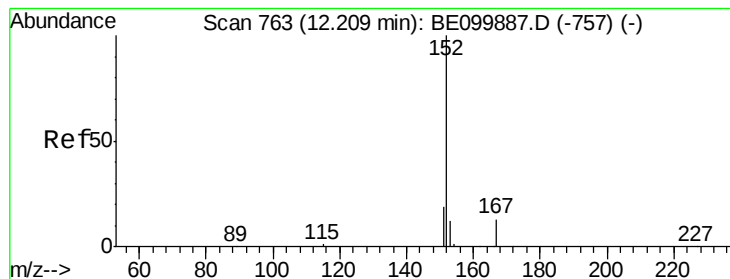


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

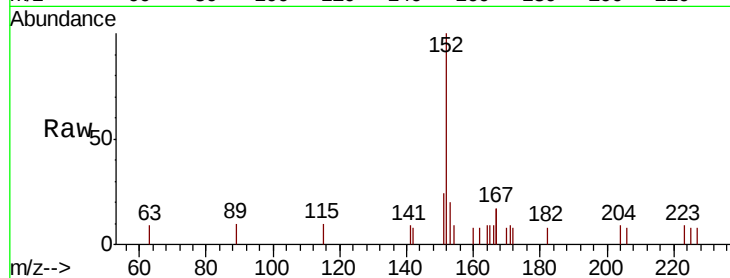
RE131D1-20190606

Tot Ion:152 Resp: 1509

Ion Ratio Lower Upper

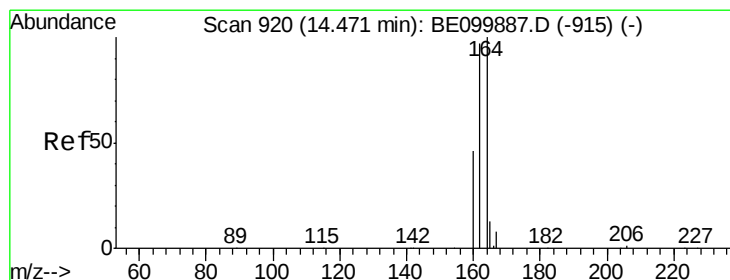
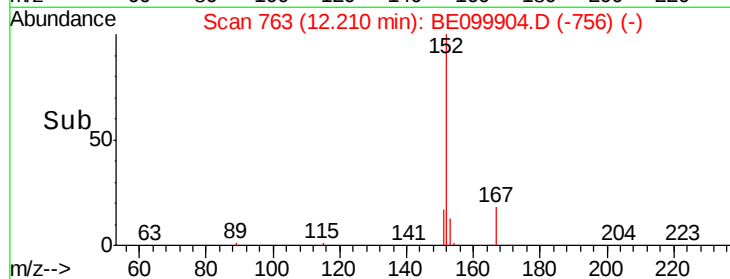
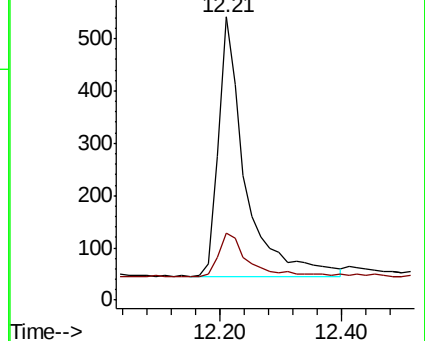
152 100

151 18.8 15.2 22.8



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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

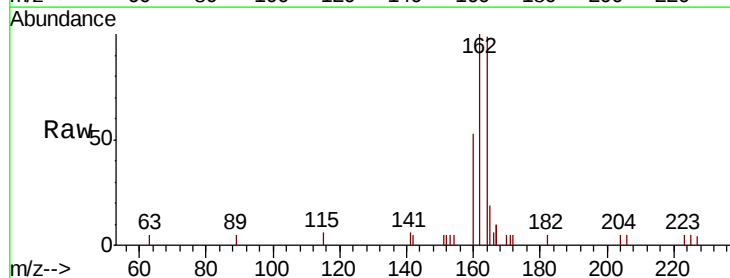
Tgt Ion:164 Resp: 1797

Ion Ratio Lower Upper

164 100

162 100.5 77.8 116.8

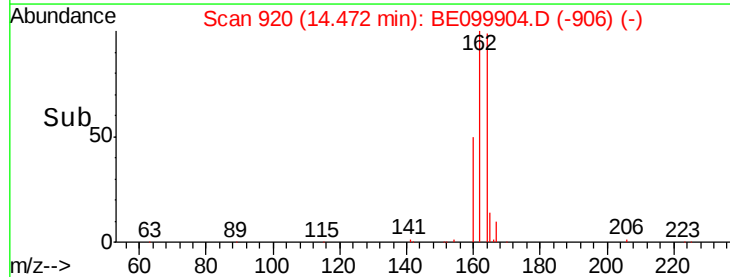
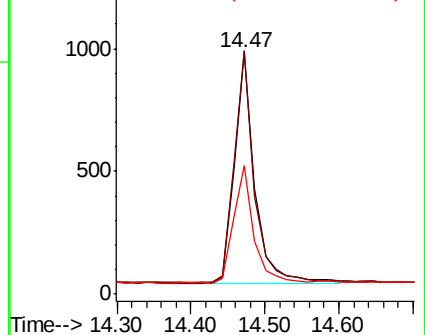
160 52.9 38.2 57.4

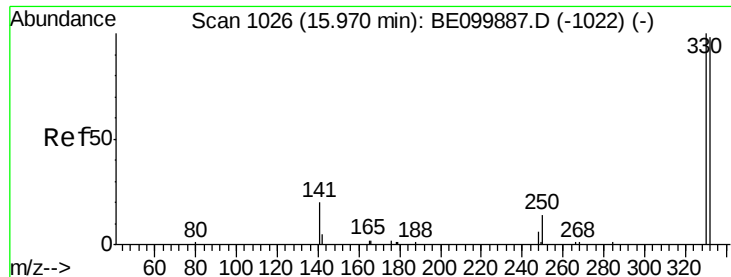


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.318 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

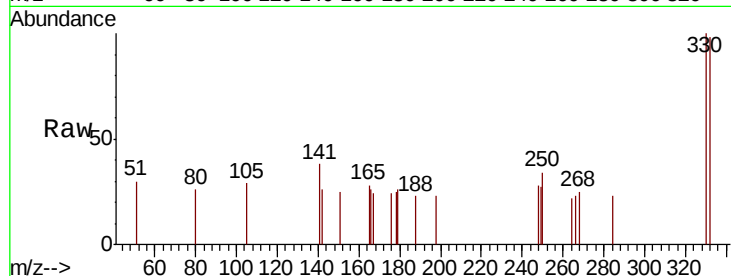
Tot Ion:330 Resp: 423

Ion Ratio Lower Upper

330 100

332 92.9 76.7 115.1

141 21.7 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

15.97

200

150

100

50

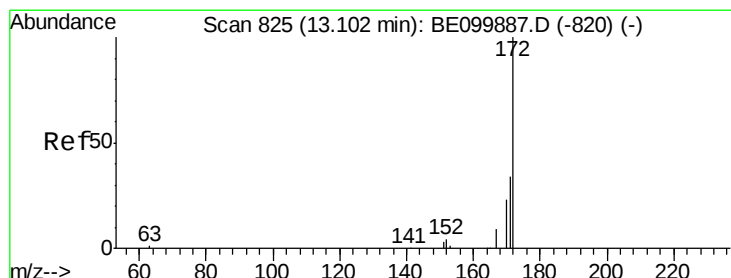
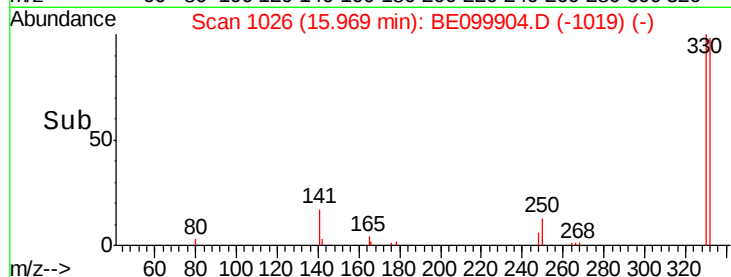
0

15.80

16.00

16.20

Time-->



#15

2-Fluorobiphenyl

Concen: 0.429 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

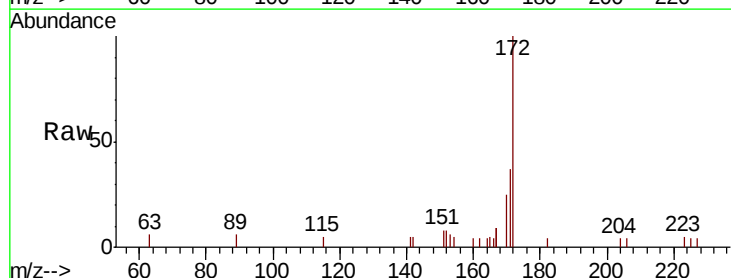
Tgt Ion:172 Resp: 2924

Ion Ratio Lower Upper

172 100

171 37.5 29.2 43.8

170 25.4 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

13.10

1000

500

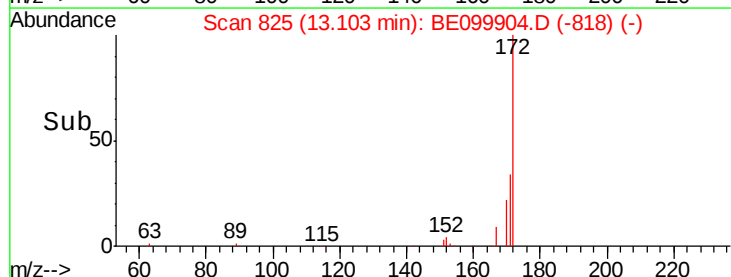
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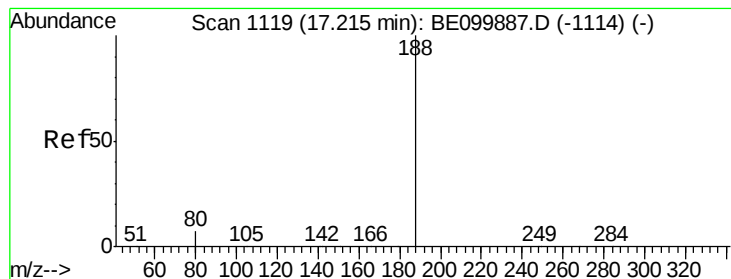
13.00

13.20

13.40

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

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ClientSampleId :

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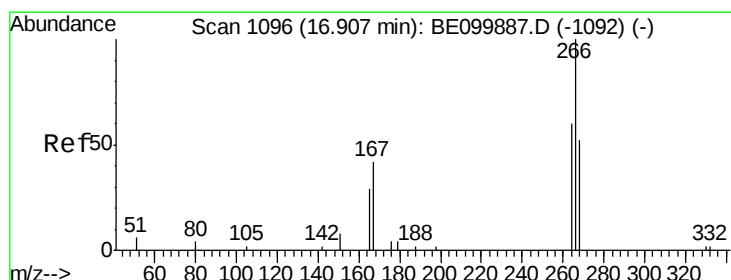
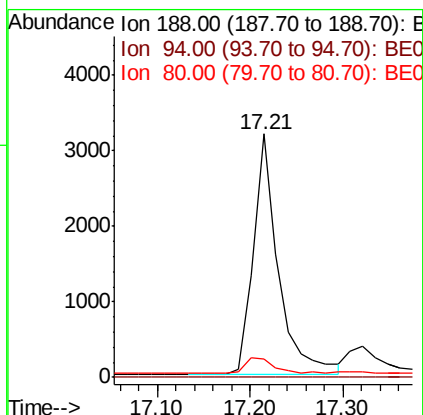
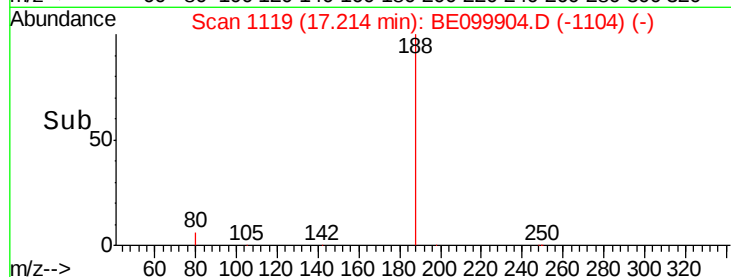
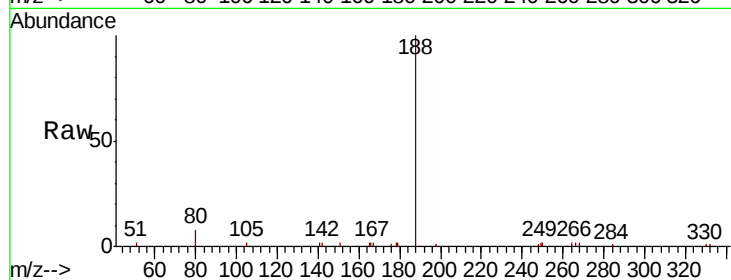
Tot Ion:188 Resp: 5950

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 6.4 9.6



#22

Pentachlorophenol

Concen: 1.372 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

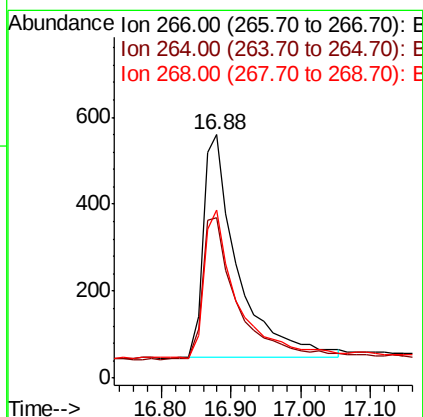
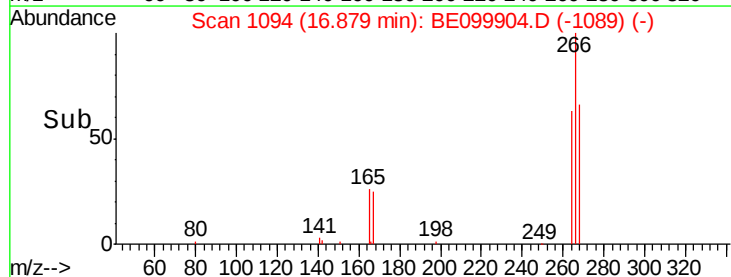
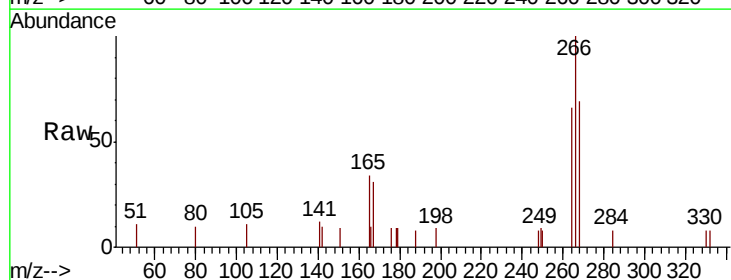
Tgt Ion:266 Resp: 1778

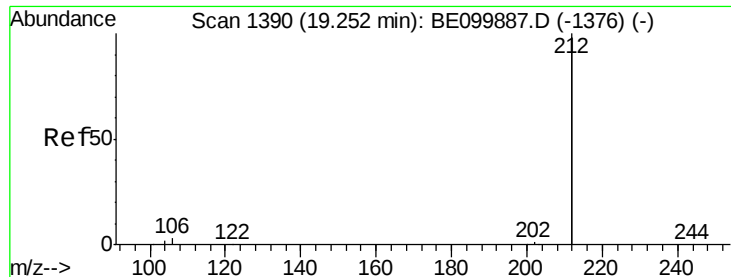
Ion Ratio Lower Upper

266 100

264 65.7 62.2 93.2

268 68.9 65.5 98.3





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

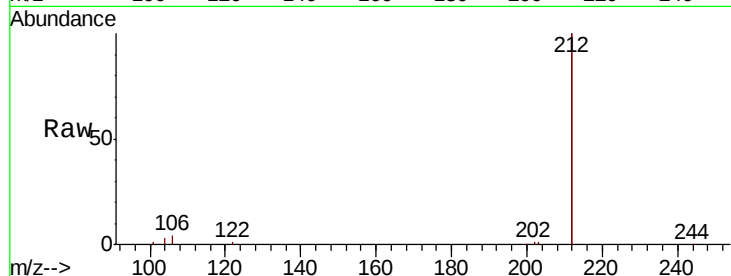
Tot Ion:212 Resp: 34955

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

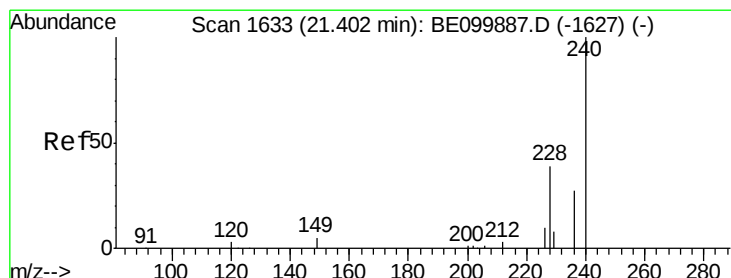
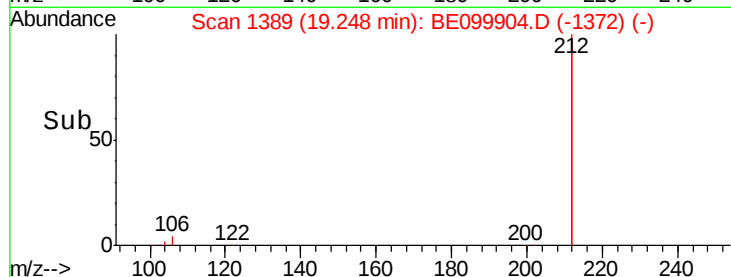
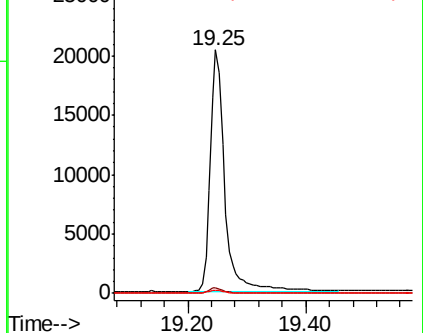
104 1.0 0.9 1.3



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

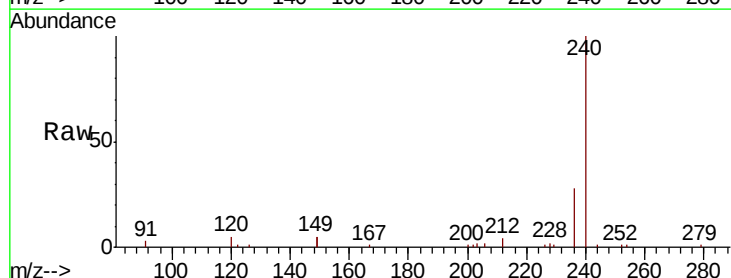
Tgt Ion:240 Resp: 9034

Ion Ratio Lower Upper

240 100

120 5.0 3.8 5.6

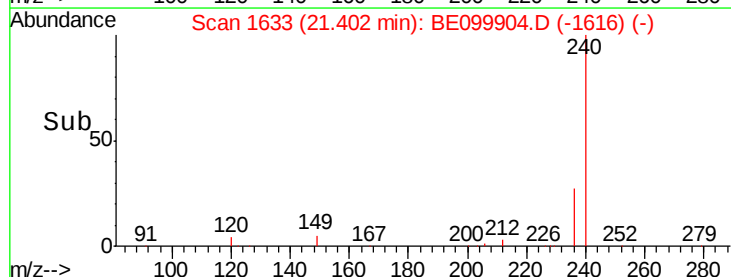
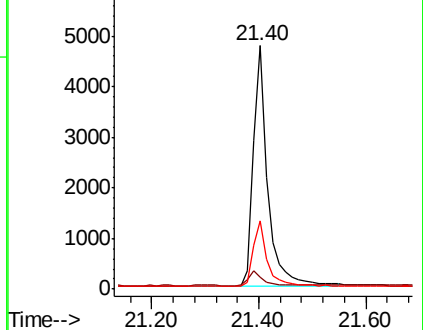
236 28.0 22.0 33.0

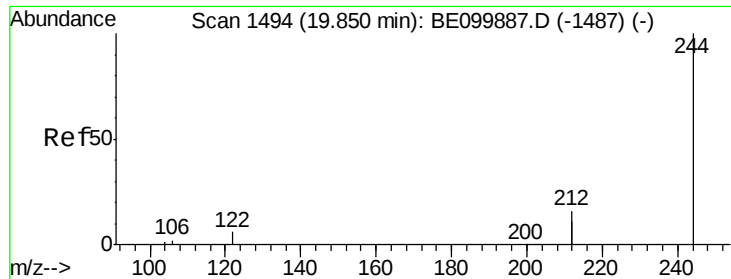


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

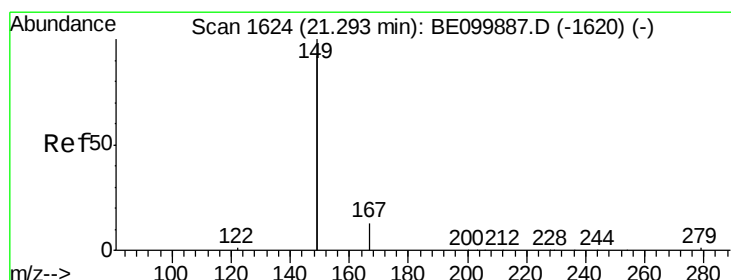
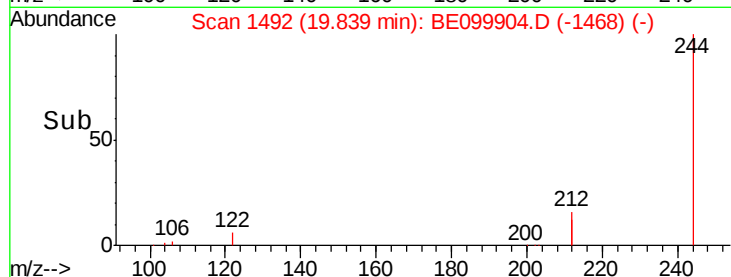
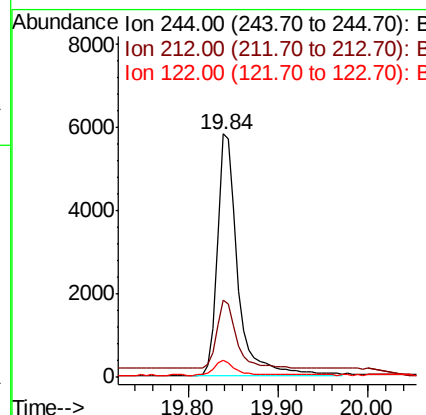
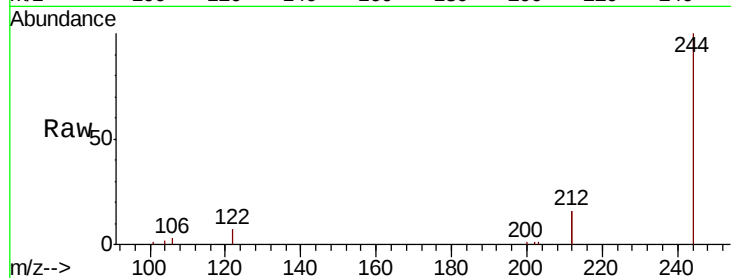




#29
 Terphenyl-d14
 Concen: 0.561 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE099904.D
 Acq: 10 Jun 2019 23:30

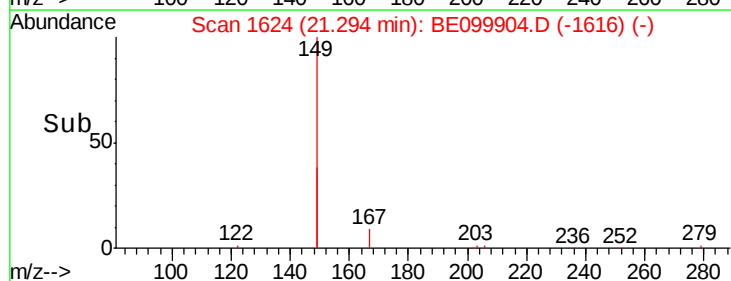
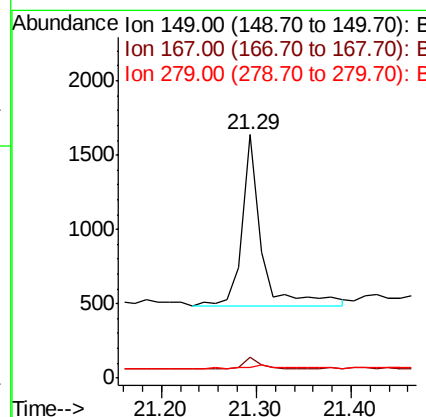
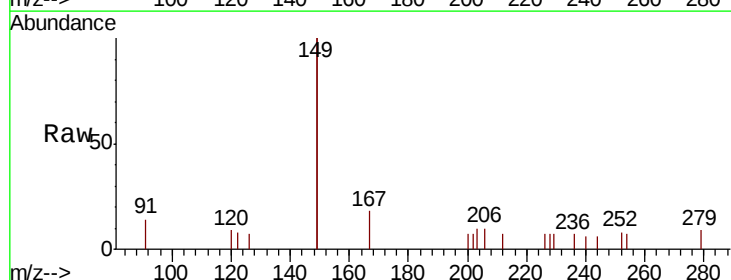
Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20190606

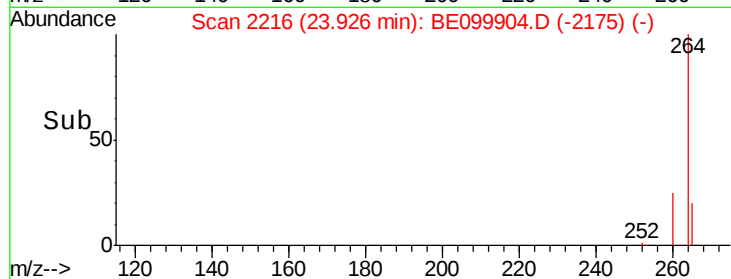
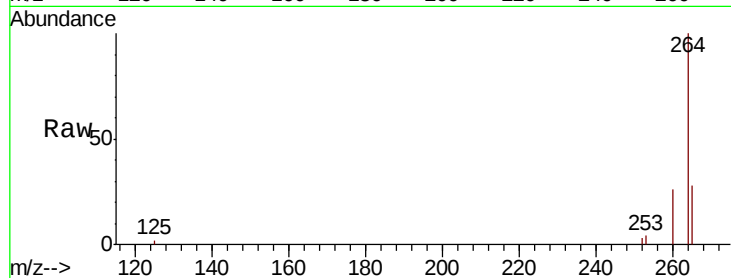
Tot Ion:244 Resp: 9127
 Ion Ratio Lower Upper
 244 100
 212 31.7 25.7 38.5
 122 7.0 5.5 8.3



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099904.D
 Acq: 10 Jun 2019 23:30

Tgt Ion:149 Resp: 1652
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.9 8.9
 279 3.0 1.2 1.8#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE099904.D

Acq: 10 Jun 2019 23:30

Instrument :

BNA_E

ClientSampleId :

RE131D1-20190606

Tot Ion:264 Resp: 10281

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 27.9 22.0 33.0

