

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061019\
 Data File : BE099902.D
 Acq On : 10 Jun 2019 22:19
 Operator : JU/SJ
 Sample : K3257-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190606

Quant Time: Jun 11 07:33:42 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

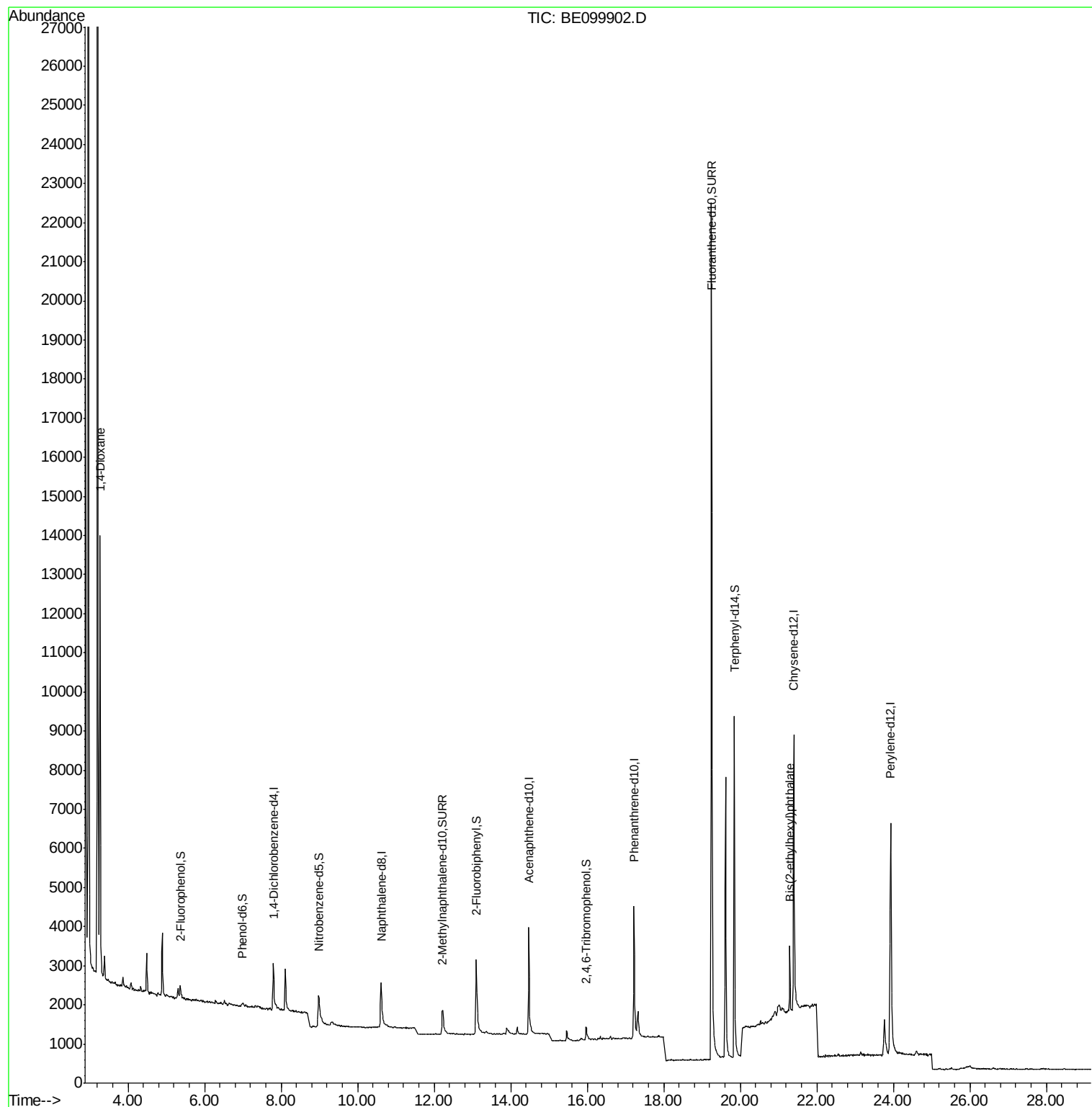
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	777	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2533	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2111	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6370	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9815	0.40	ng	0.00
34) Perylene-d12	23.93	264	11191	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	310	0.15	ng	0.00
5) Phenol-d6	6.97	99	234	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	896	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1667	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	425	0.27	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3280	0.41	ng	0.00
25) Fluoranthene-d10	19.25	212	36159	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	9561	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	8944	7.778	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	1839	0.044	ng	# 96

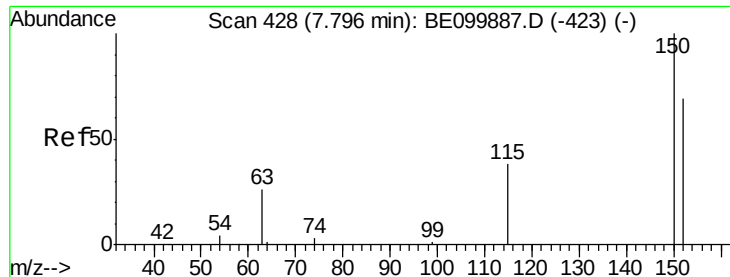
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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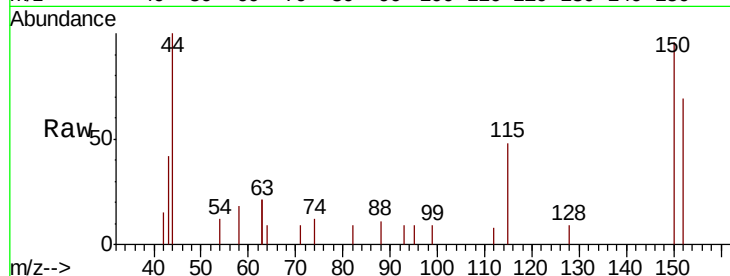


#1

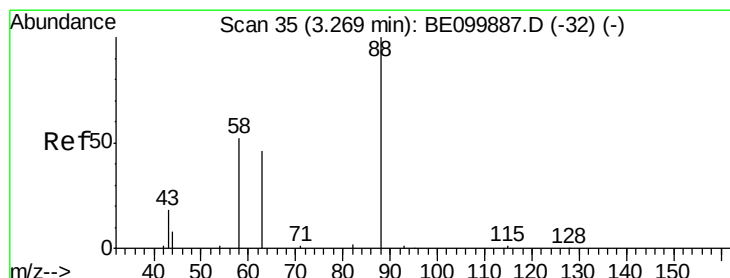
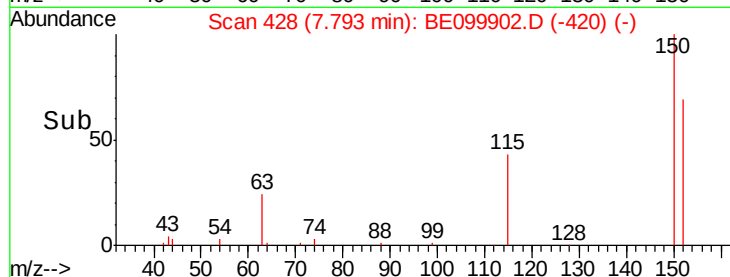
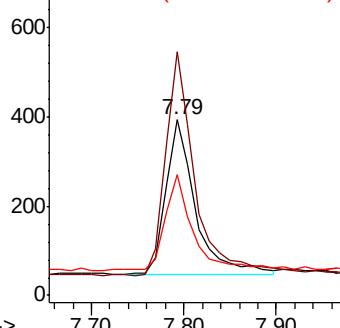
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606

Tot Ion:152 Resp: 777
Ion Ratio Lower Upper
152 100
150 138.6 111.0 166.6
115 68.8 50.7 76.1



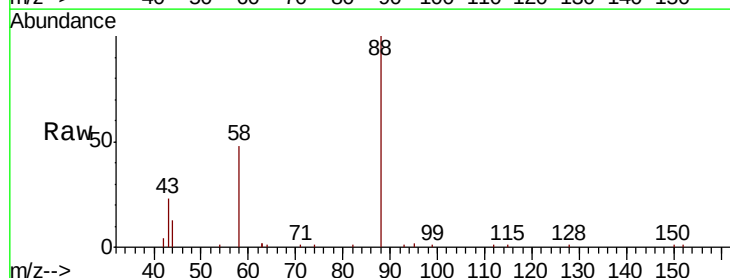
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



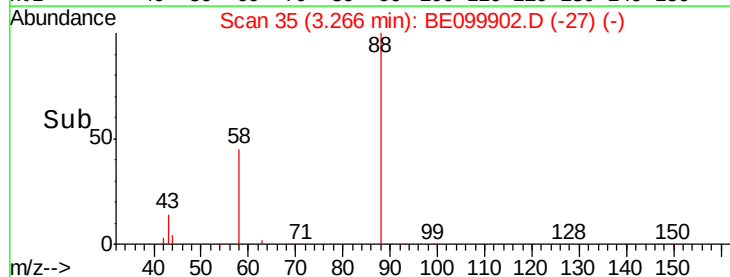
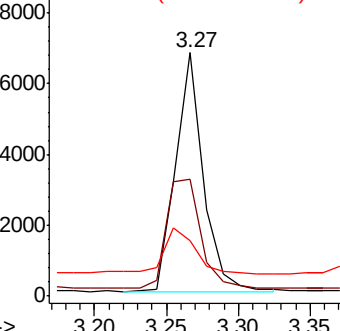
#2

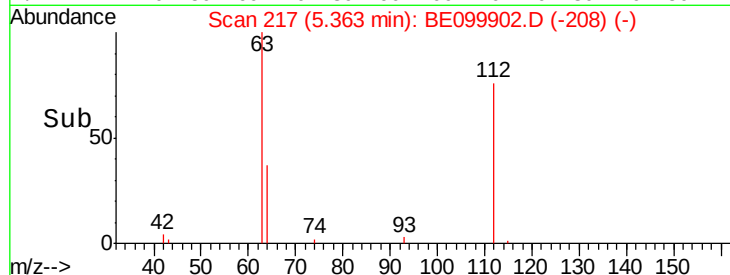
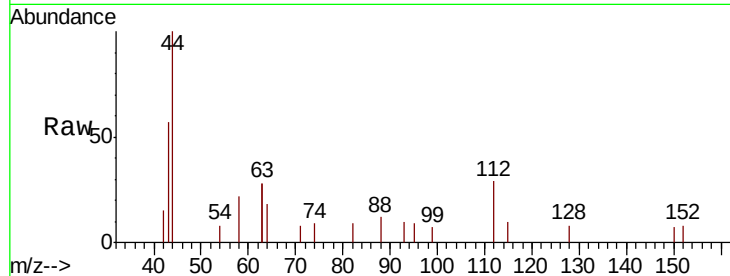
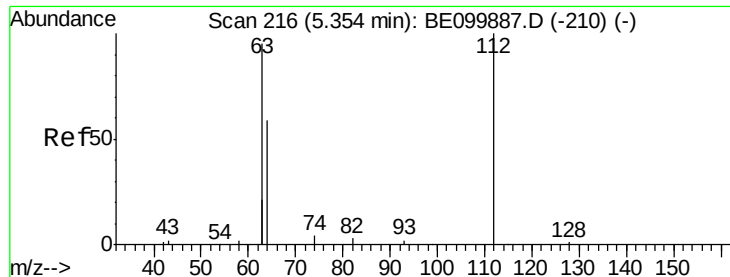
1,4-Dioxane
Concen: 7.778 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Tgt Ion: 88 Resp: 8944
Ion Ratio Lower Upper
88 100
58 56.1 48.8 73.2
43 22.7 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: 0.148 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

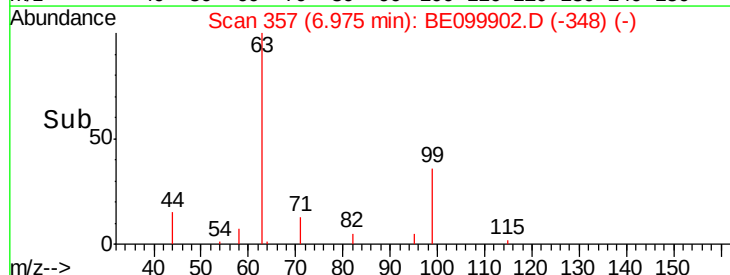
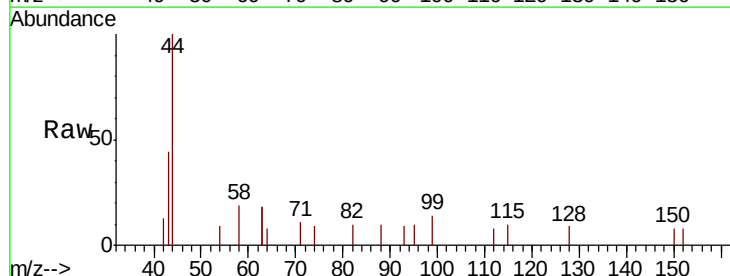
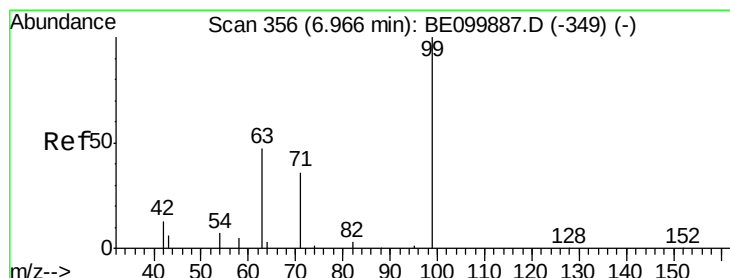
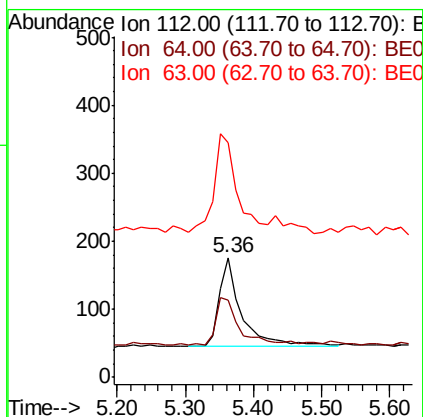
Tot Ion:112 Resp: 310

Ion Ratio Lower Upper

112 100

64 57.4 44.1 66.1

63 107.1 87.8 131.6



#5

Phenol-d6

Concen: 0.087 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

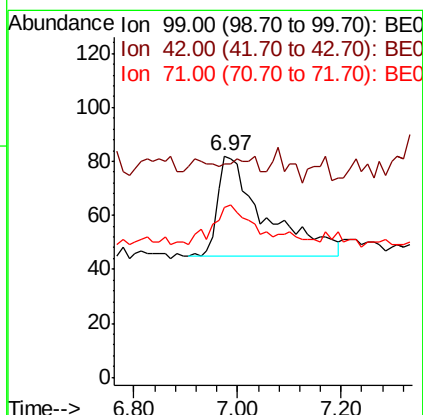
Tgt Ion: 99 Resp: 234

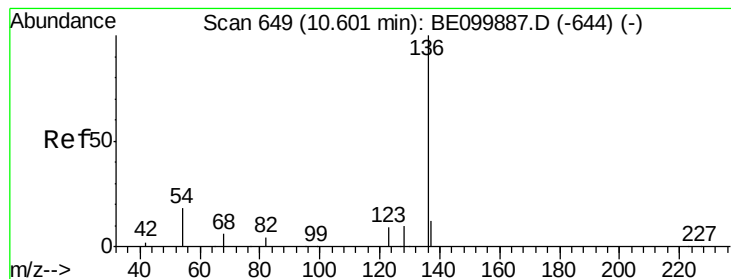
Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 27.8 34.6 52.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

Tot Ion:136 Resp: 2533

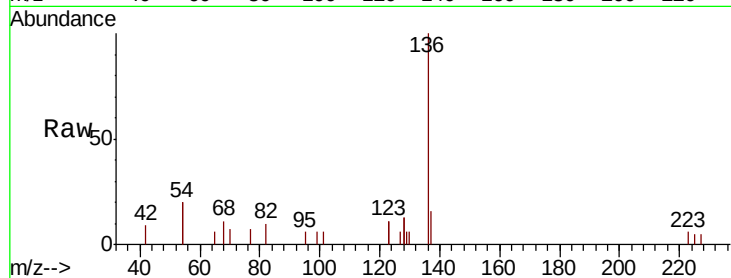
Ion Ratio Lower Upper

136 100

137 15.9 12.3 18.5

54 39.7 28.2 42.4

68 10.8 7.8 11.8

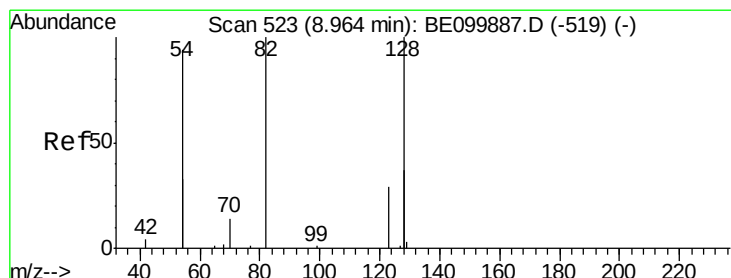
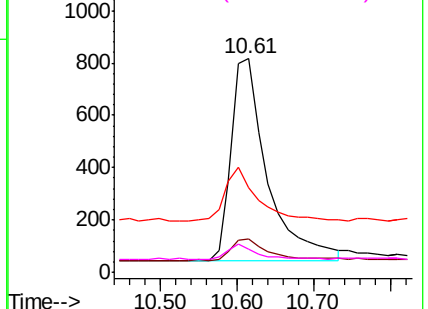
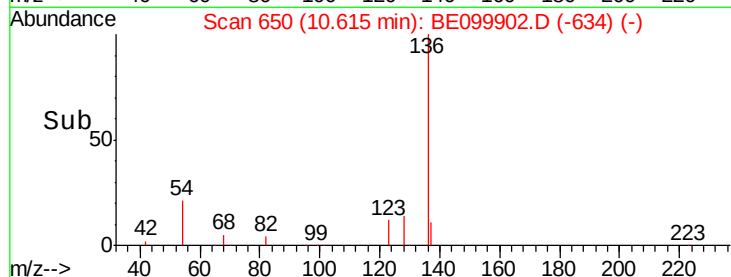


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

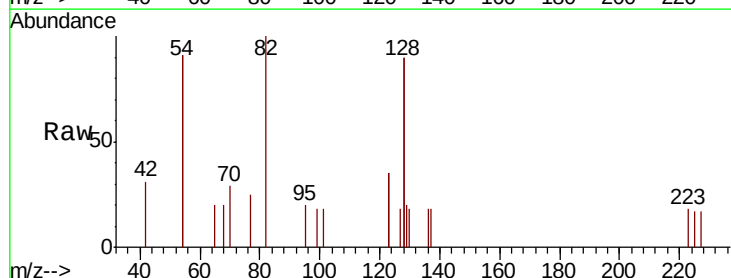
Tgt Ion: 82 Resp: 896

Ion Ratio Lower Upper

82 100

128 180.9 137.3 205.9

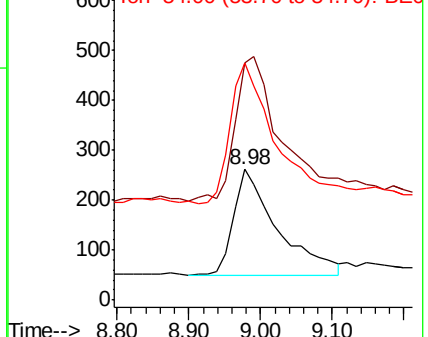
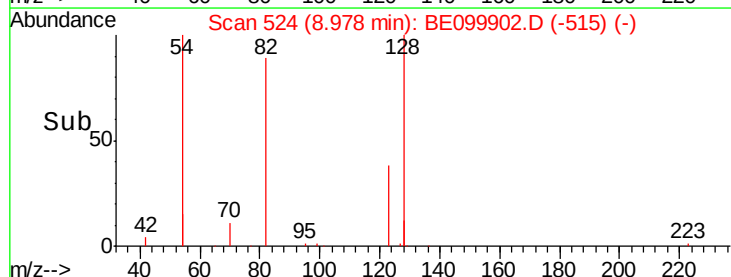
54 181.7 129.7 194.5

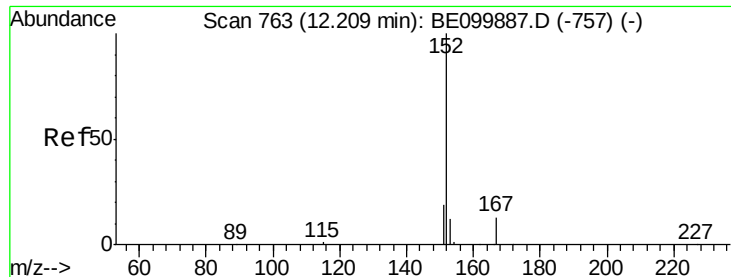


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

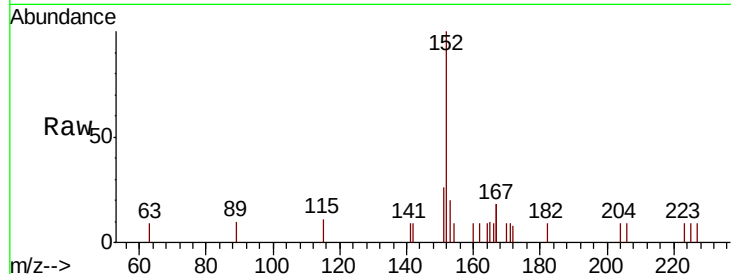




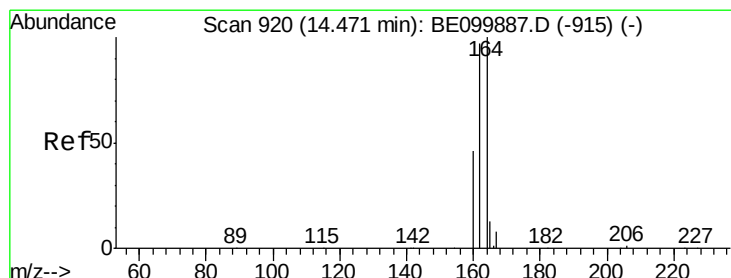
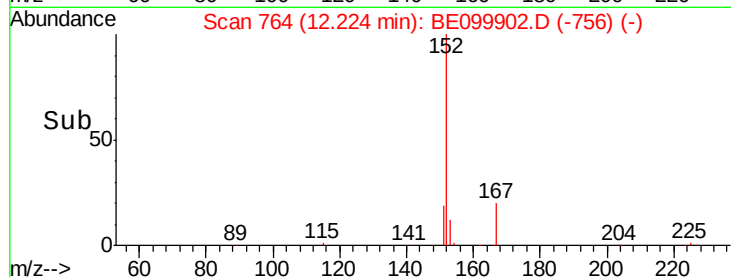
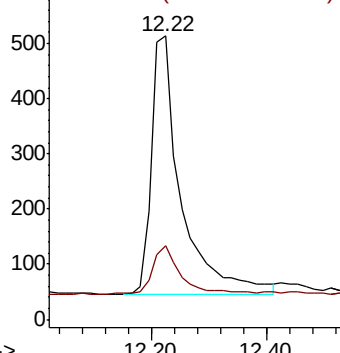
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Instrument :
BNA_E
ClientSampleId :
RE131D2-20190606

Tot Ion:152 Resp: 1667
Ion Ratio Lower Upper
152 100
151 16.8 15.2 22.8

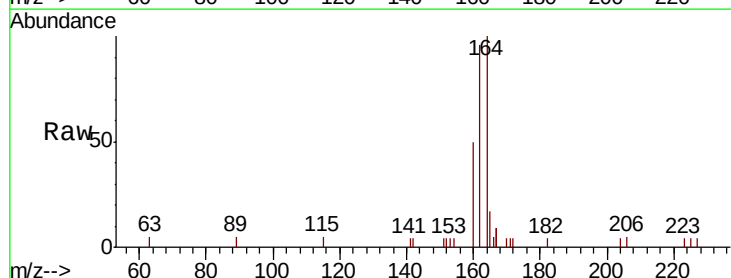


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

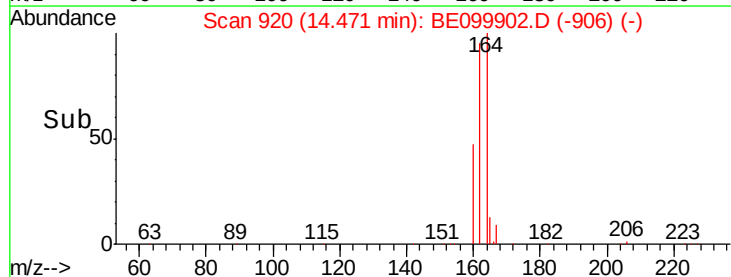
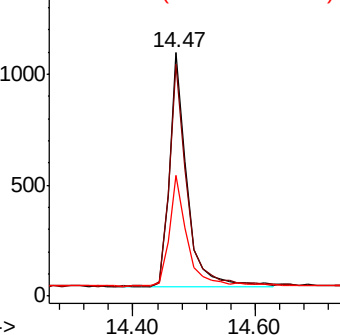


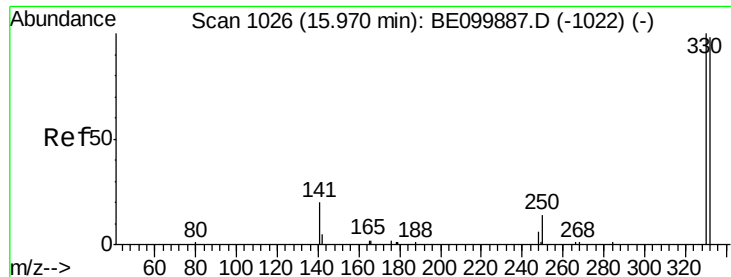
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Tgt Ion:164 Resp: 2111
Ion Ratio Lower Upper
164 100
162 95.5 77.8 116.8
160 49.6 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

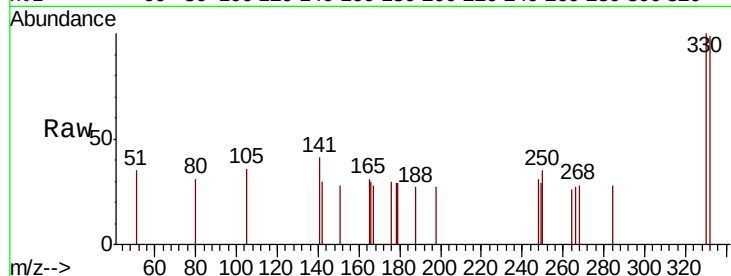




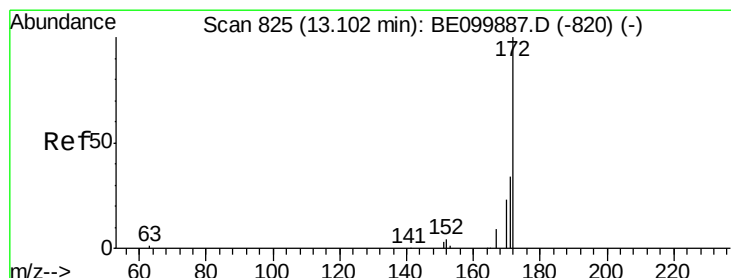
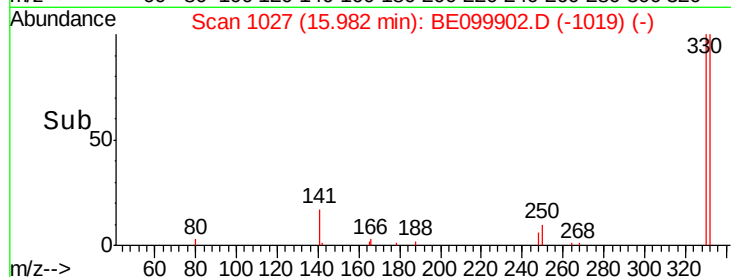
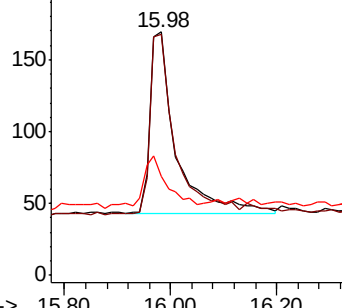
#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099902.D
 Acq: 10 Jun 2019 22:19

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190606

Tot Ion:330 Resp: 425
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.7 115.1
 141 22.1 21.0 31.6

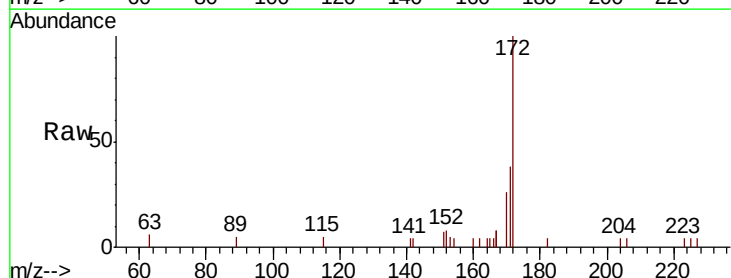


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

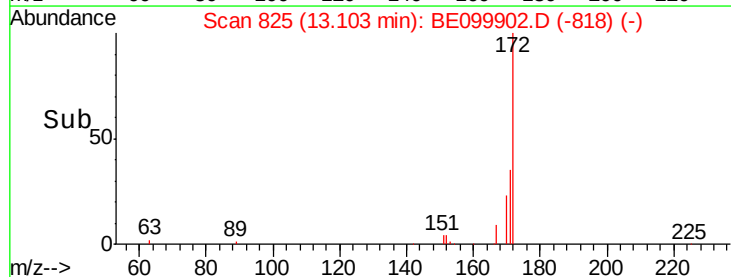
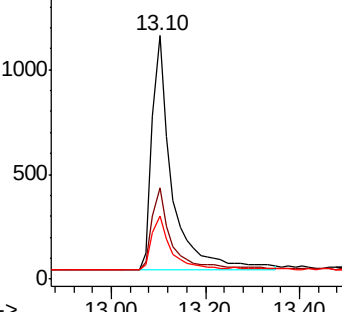


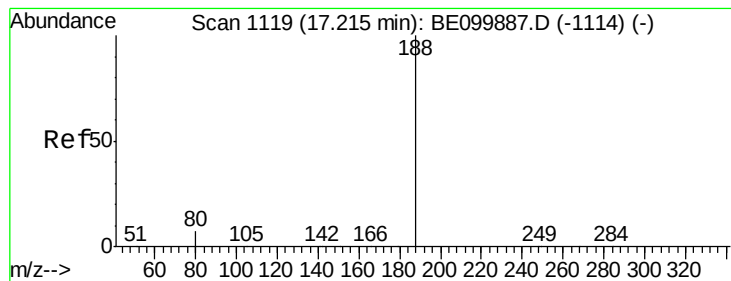
#15
 2-Fluorobiphenyl
 Concen: 0.410 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099902.D
 Acq: 10 Jun 2019 22:19

Tgt Ion:172 Resp: 3280
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.2 43.8
 170 26.0 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: BE099902.D

Acq: 10 Jun 2019 22:19

Instrument :

BNA_E

ClientSampleId :

RE131D2-20190606

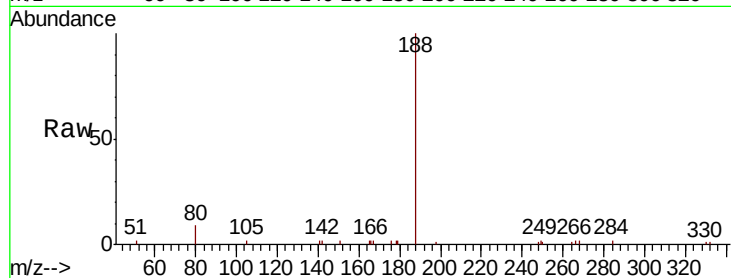
Tot Ion:188 Resp: 6370

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

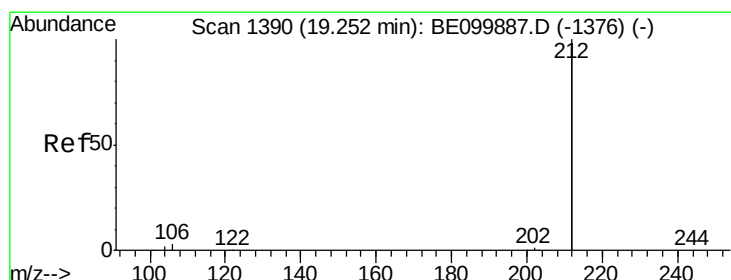
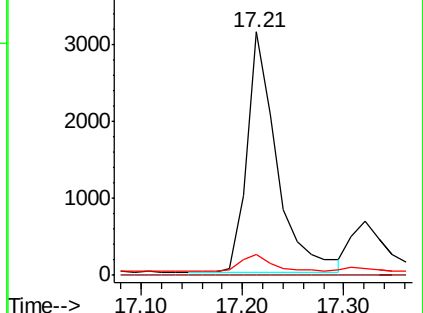
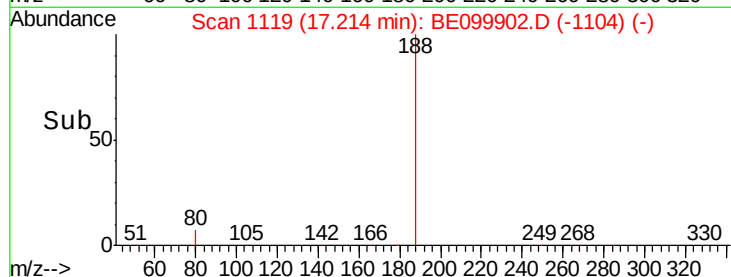
80 8.8 6.4 9.6



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



#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099902.D

Acq: 10 Jun 2019 22:19

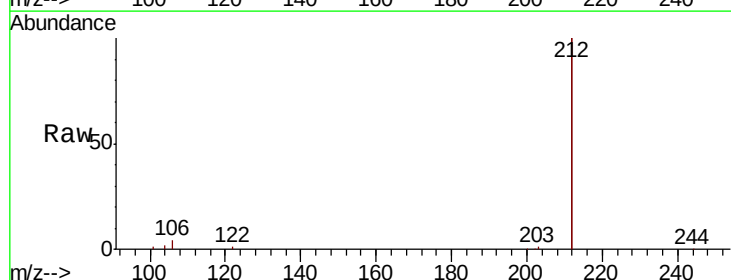
Tgt Ion:212 Resp: 36159

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

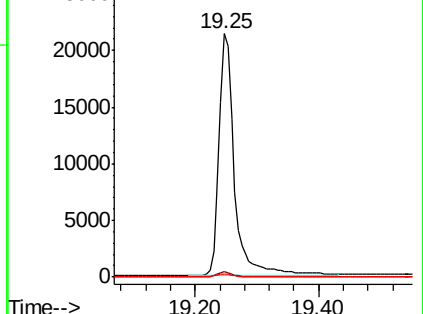
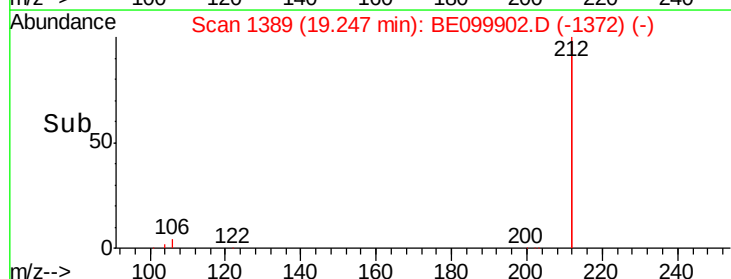
104 1.0 0.9 1.3

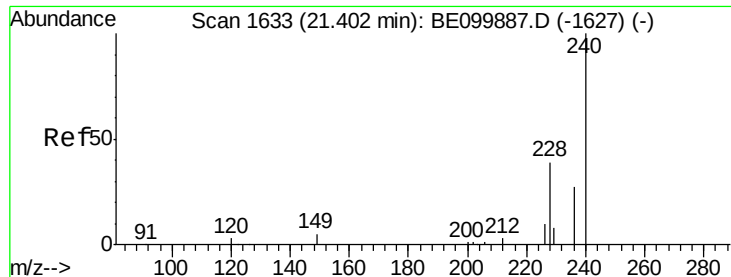


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

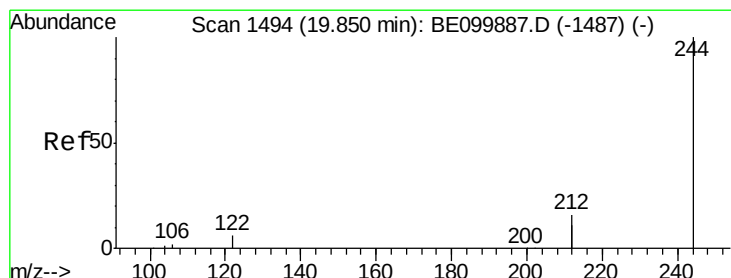
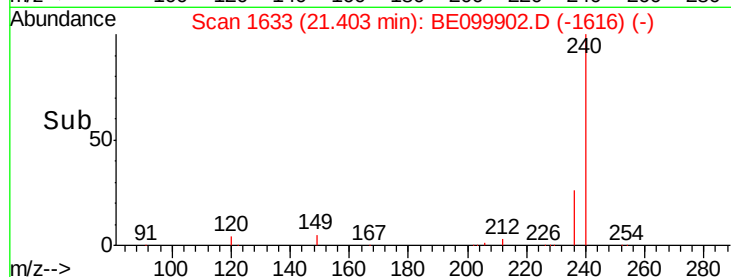
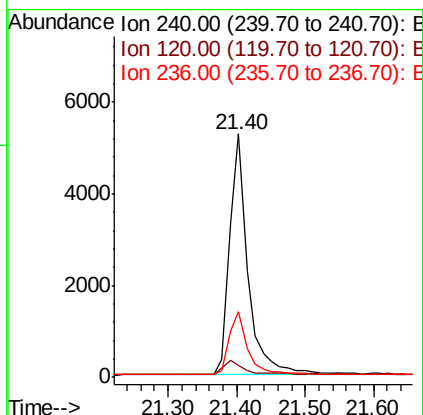
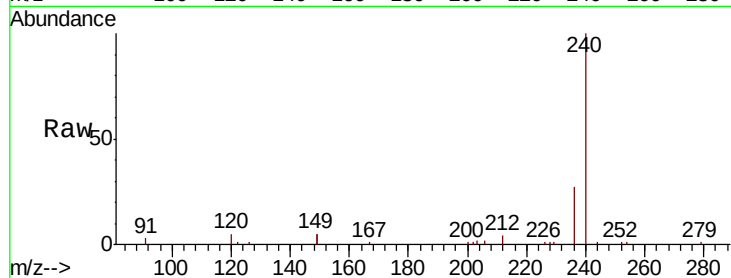




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

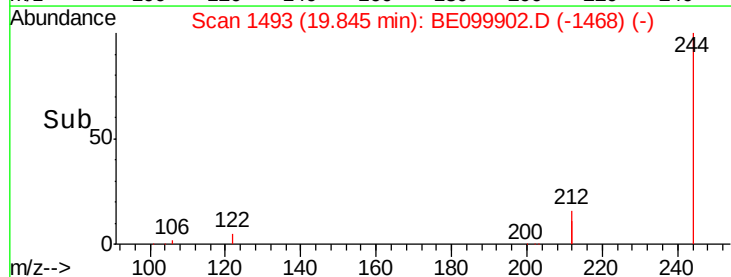
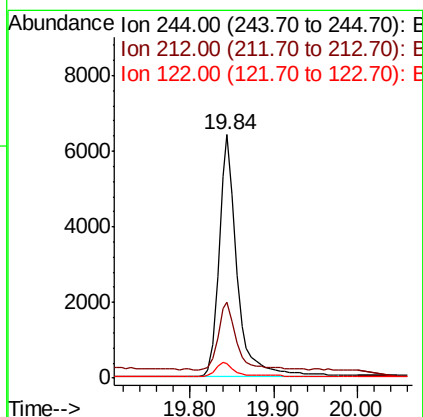
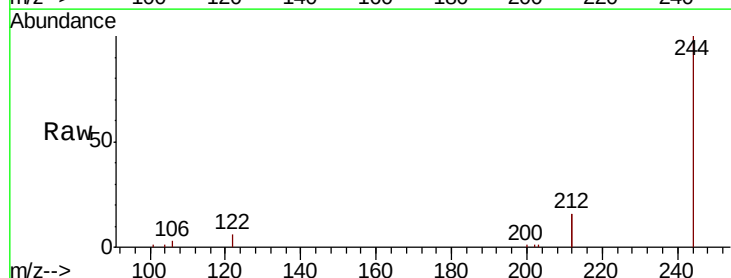
Instrument :
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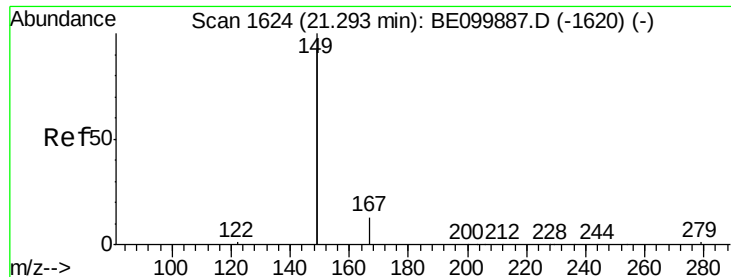
Tot Ion:240 Resp: 9815
Ion Ratio Lower Upper
240 100
120 5.1 3.8 5.6
236 26.8 22.0 33.0



#29
Terphenyl-d14
Concen: 0.541 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099902.D
Acq: 10 Jun 2019 22:19

Tgt Ion:244 Resp: 9561
Ion Ratio Lower Upper
244 100
212 31.2 25.7 38.5
122 6.2 5.5 8.3

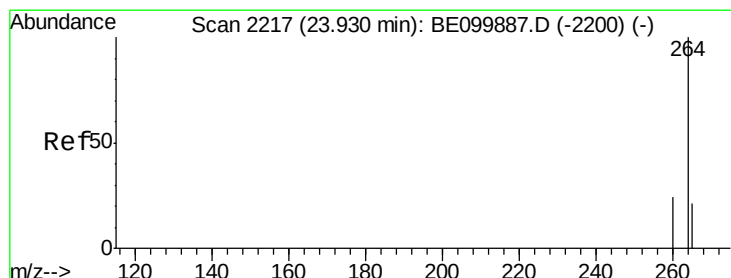
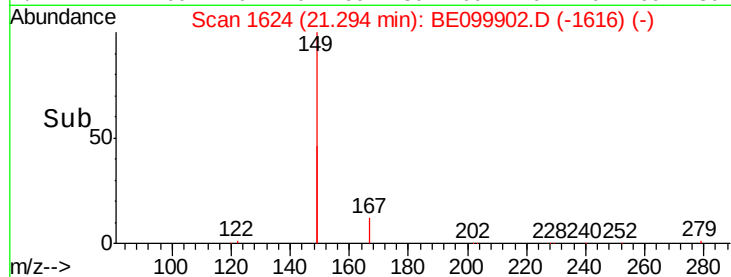
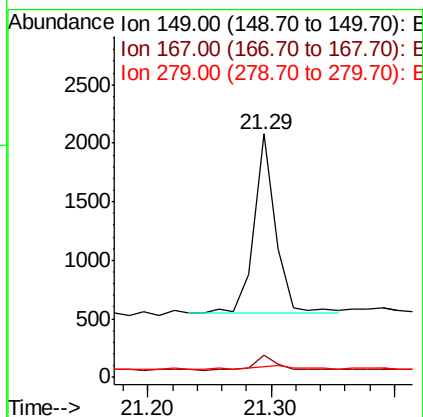
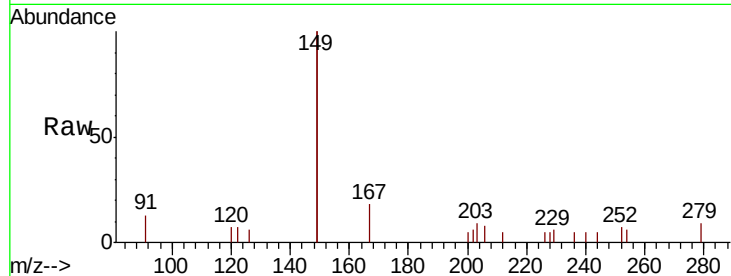




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.044 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099902.D
 Acq: 10 Jun 2019 22:19

Instrument :
 BNA_E
 ClientSampleId :
 RE131D2-20190606

Tot Ion:149 Resp: 1839
 Ion Ratio Lower Upper
 149 100
 167 8.9 5.9 8.9
 279 2.1 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE099902.D
 Acq: 10 Jun 2019 22:19

Tgt Ion:264 Resp: 11191
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.2 30.2
 265 27.9 22.0 33.0

