

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099919.D
 Acq On : 11 Jun 2019 12:05
 Operator : JU/SJ
 Sample : K3223-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0532-190605

Quant Time: Jun 12 03:42:16 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	686	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2389	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1958	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6723	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9146	0.40	ng	0.00
34) Perylene-d12	23.93	264	10355	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	218	0.12	ng	0.00
5) Phenol-d6	6.96	99	157	0.07	ng	0.00
8) Nitrobenzene-d5	8.98	82	692	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1375	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	122	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2445	0.33	ng	-0.01
25) Fluoranthene-d10	19.25	212	33386	0.34	ng	0.00
29) Terphenyl-d14	19.85	244	7496	0.46	ng	0.00

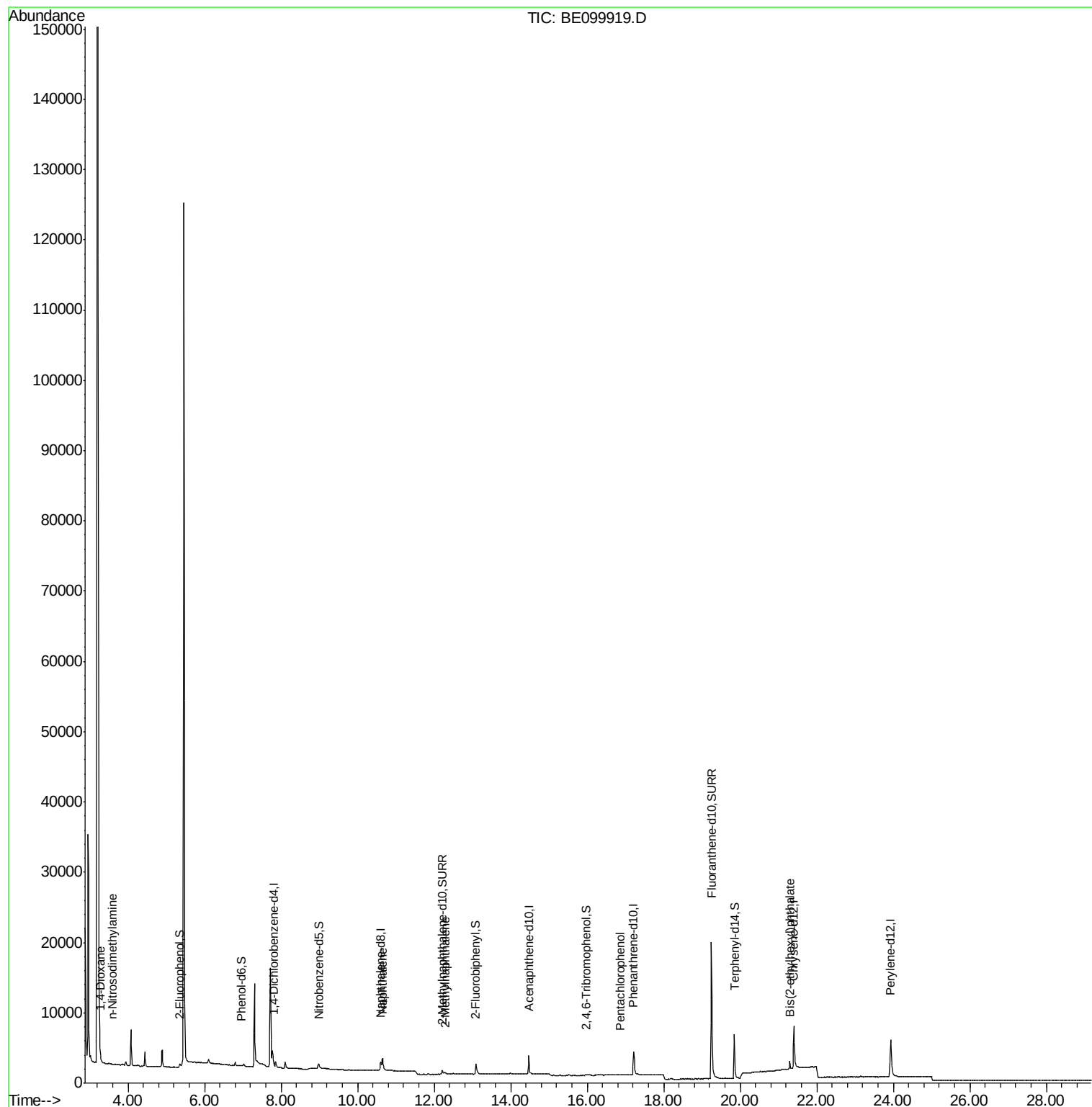
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	57	0.056	ng	# 29
3) n-Nitrosodimethylamine	3.59	42	12	0.020	ng	# 100
9) Naphthalene	10.65	128	4420	0.171	ng	# 94
12) 2-Methylnaphthalene	12.28	142	260	0.062	ng	# 91
22) Pentachlorophenol	16.87	266	12	0.306	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.29	149	1353	0.034	ng	# 96

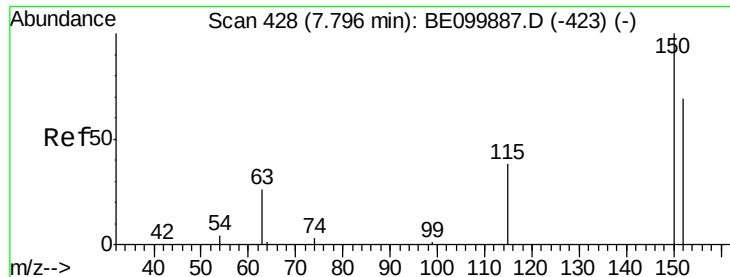
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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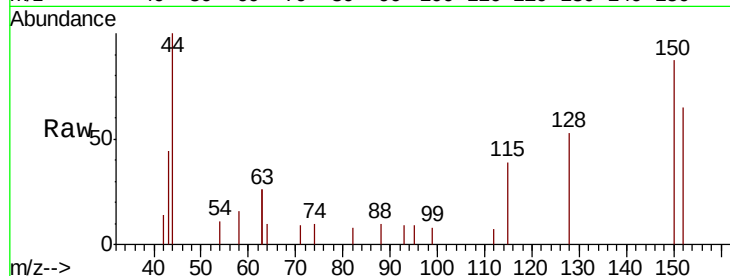


#1

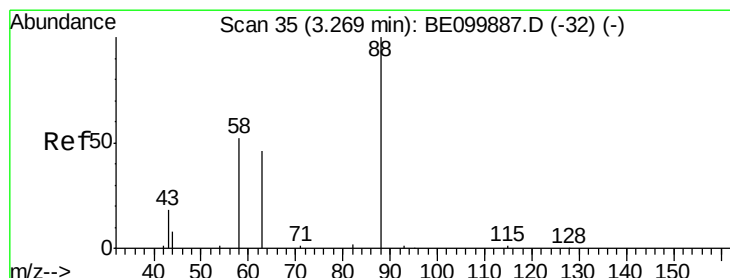
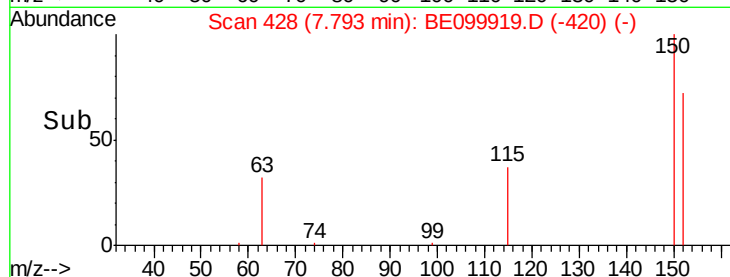
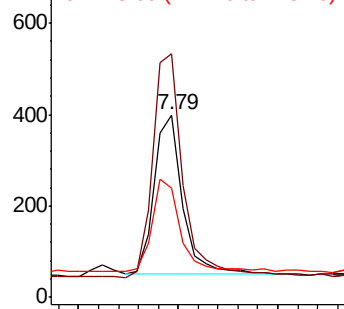
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099919.D
Acq: 11 Jun 2019 12:05

Instrument :
BNA_E
ClientSampleId :
DUP-0532-190605

Tgt Ion: 152 Resp: 686
Ion Ratio Lower Upper
152 100
150 133.6 111.0 166.6
115 59.9 50.7 76.1



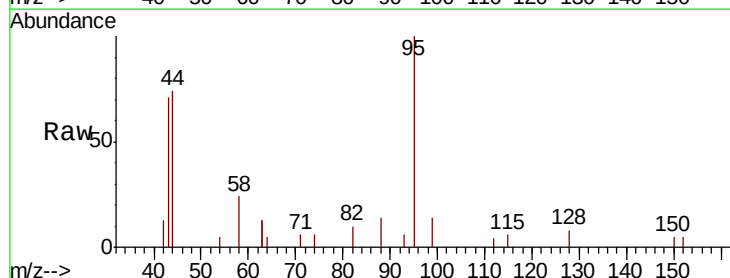
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



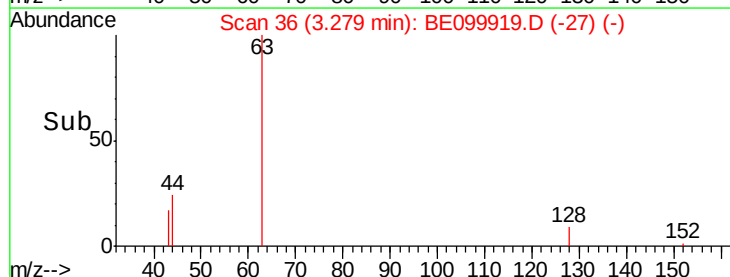
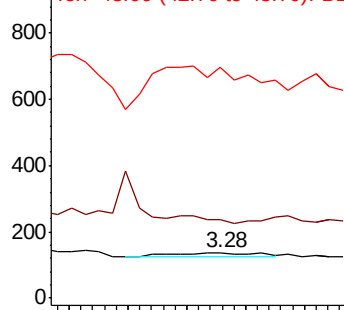
#2

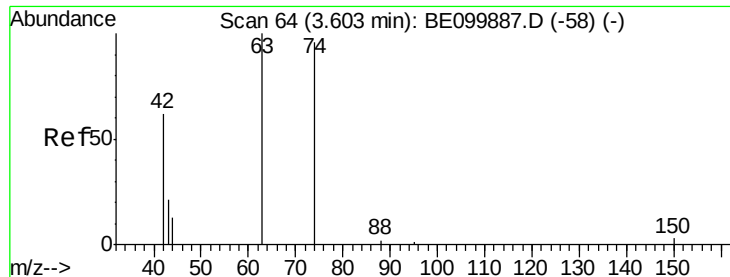
1,4-Dioxane
Concen: 0.056 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE099919.D
Acq: 11 Jun 2019 12:05

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
58 0.0 48.8 73.2#
43 0.0 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





#3

n-Nitrosodimethylamine

Concen: 0.020 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.01 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

DUP-0532-190605

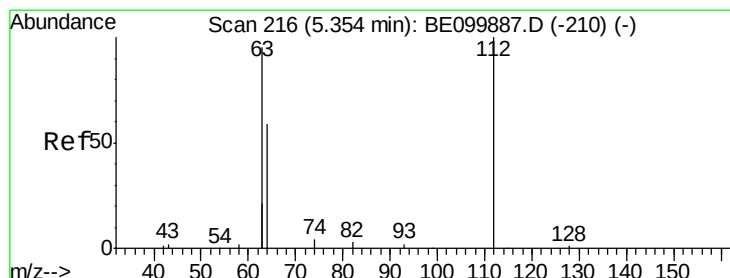
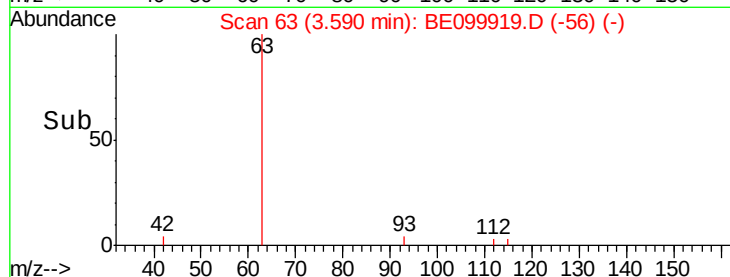
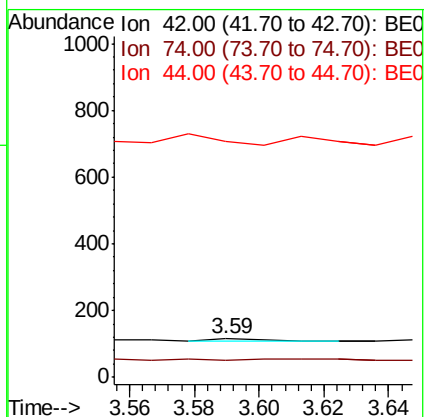
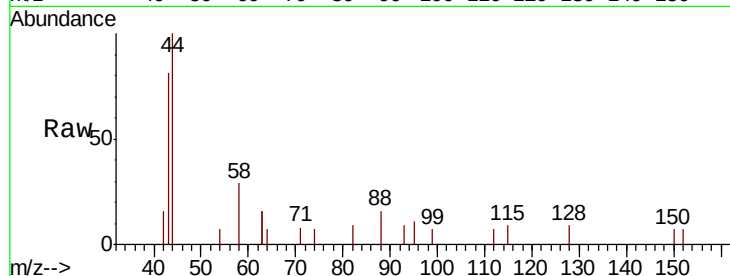
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

42 100

74 66.7 0.0 0.0#

44 0.0 0.0 0.0



#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

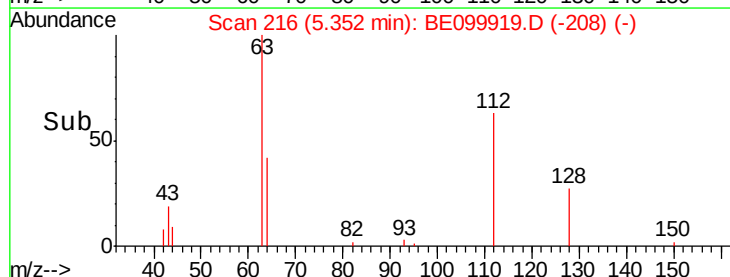
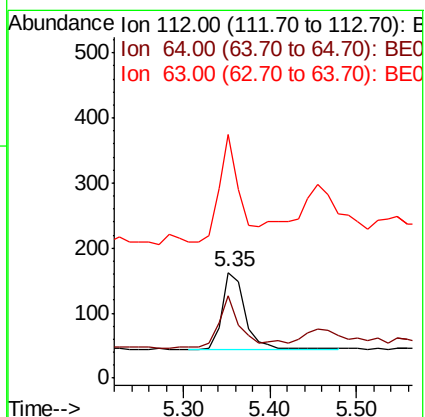
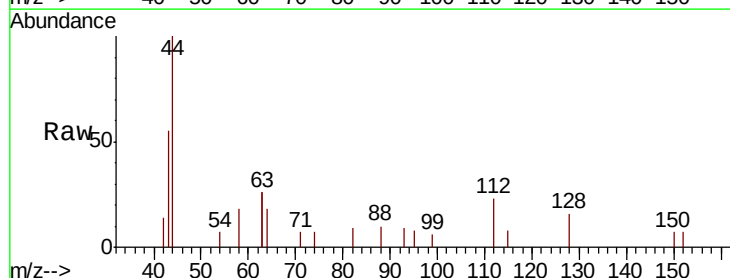
Tgt Ion: 112 Resp: 218

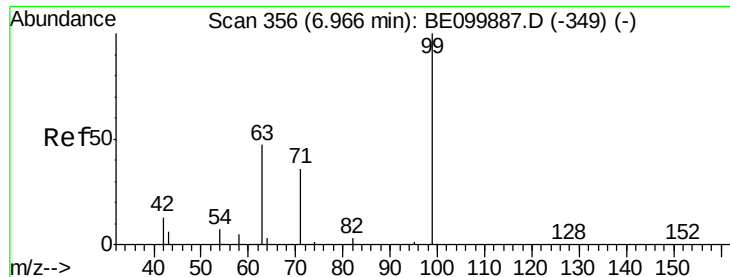
Ion Ratio Lower Upper

112 100

64 62.4 44.1 66.1

63 121.1 87.8 131.6





#5

Phenol-d6

Concen: 0.066 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

DUP-0532-190605

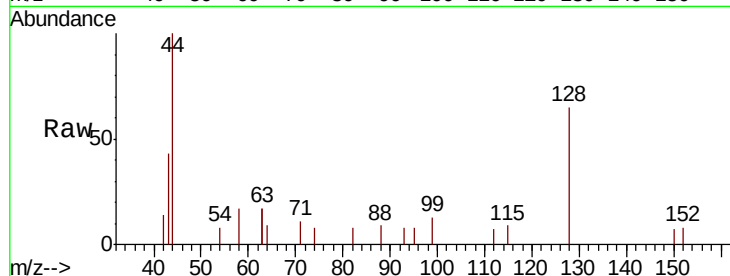
Tgt Ion: 99 Resp: 157

Ion Ratio Lower Upper

99 100

42 13.4 15.9 23.9#

71 34.4 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

150

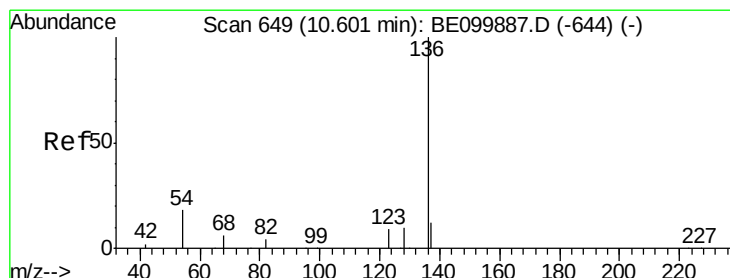
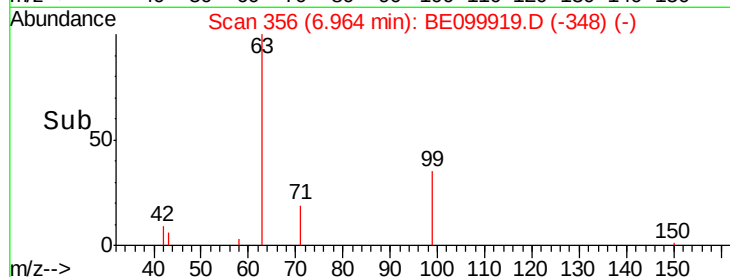
100

50

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

Tgt Ion: 136 Resp: 2389

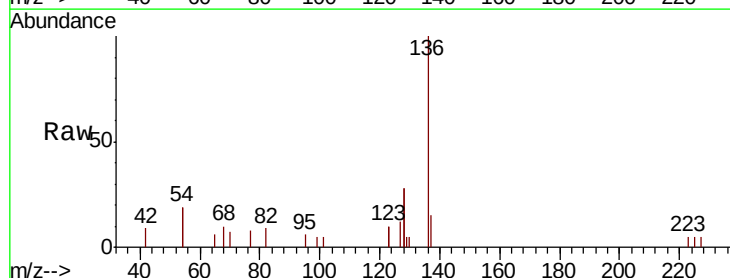
Ion Ratio Lower Upper

136 100

137 15.2 12.3 18.5

54 38.0 28.2 42.4

68 9.9 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

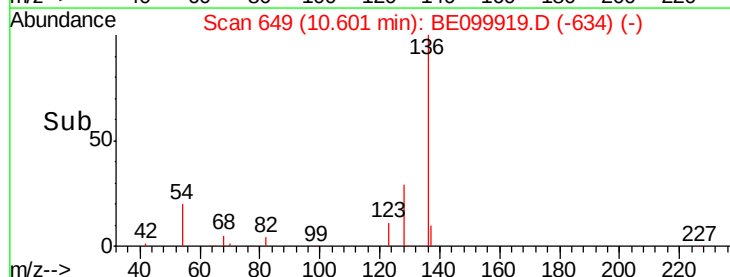
1000

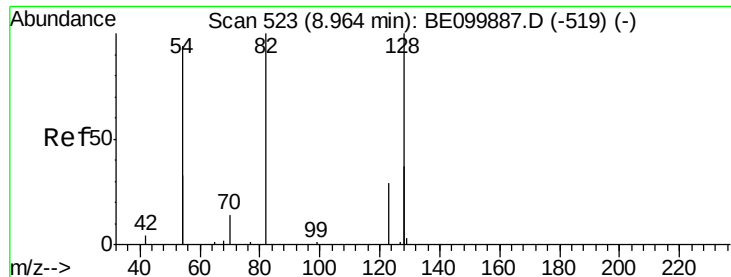
500

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.306 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

DUP-0532-190605

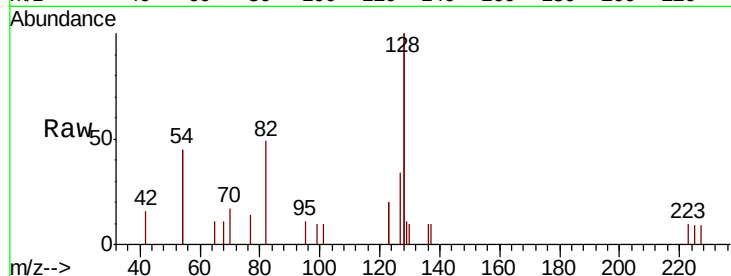
Tgt Ion: 82 Resp: 692

Ion Ratio Lower Upper

82 100

128 412.0 137.3 205.9#

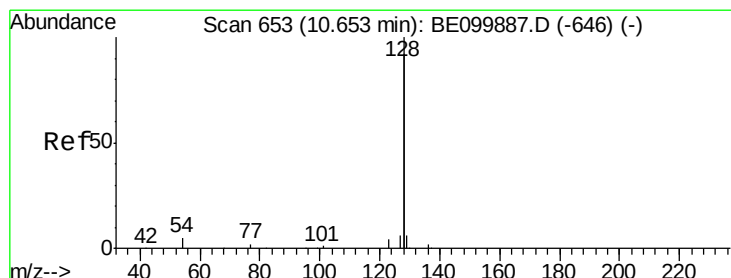
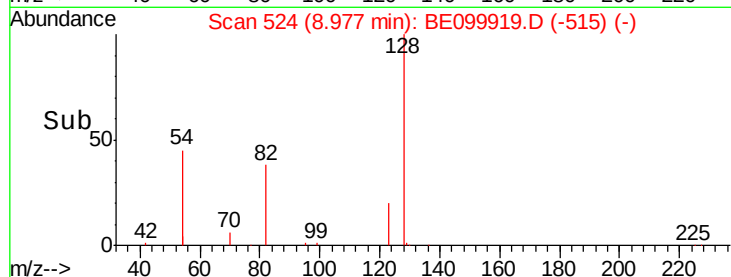
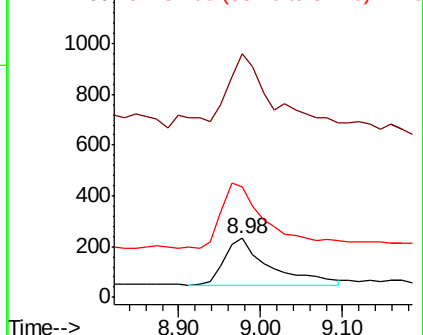
54 187.1 129.7 194.5



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



#9

Naphthalene

Concen: 0.171 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

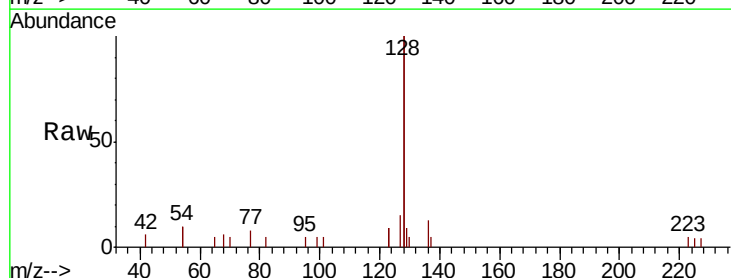
Tgt Ion: 128 Resp: 4420

Ion Ratio Lower Upper

128 100

129 4.3 3.0 4.6

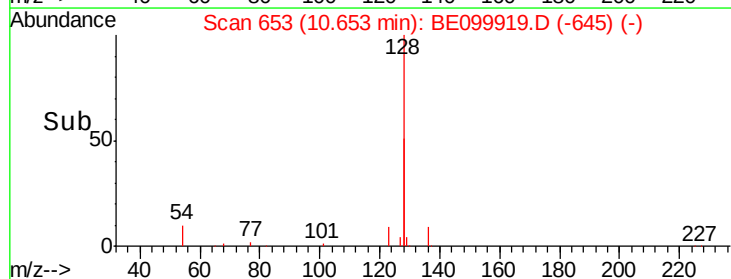
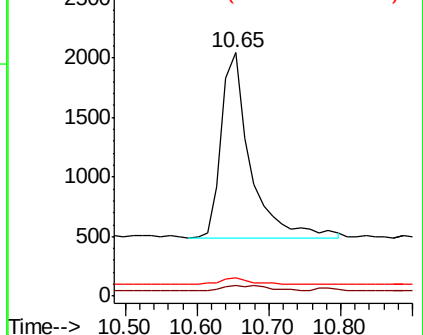
127 7.3 3.4 5.0#

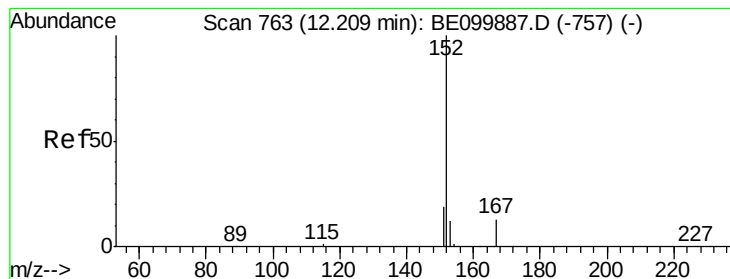


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

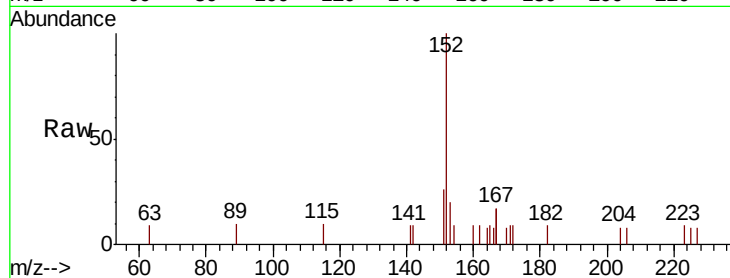
DUP-0532-190605

Tgt Ion:152 Resp: 1375

Ion Ratio Lower Upper

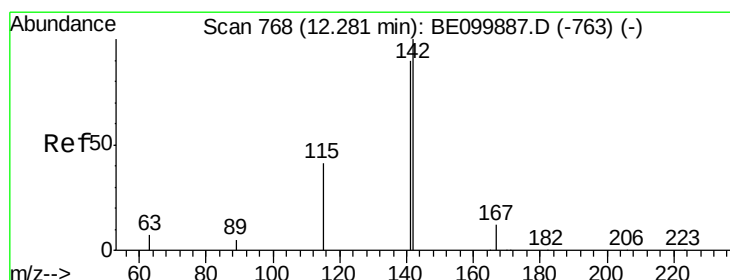
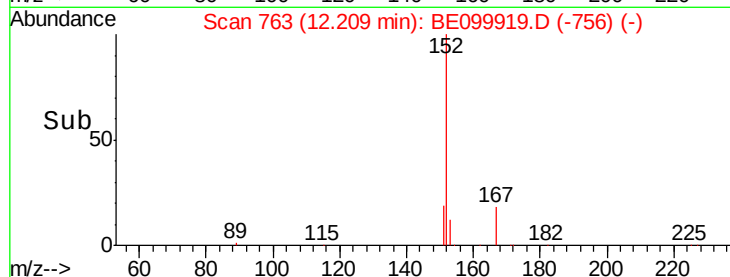
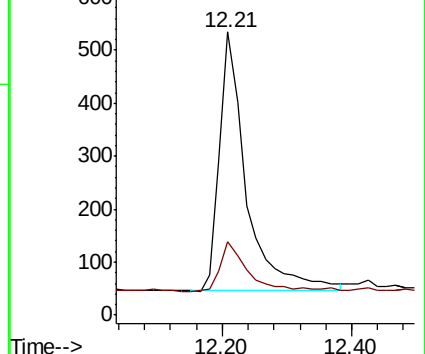
152 100

151 20.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.062 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

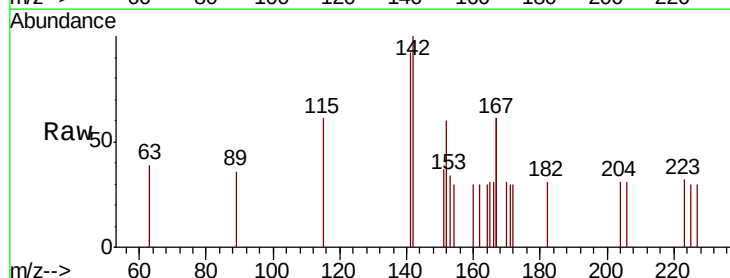
Tgt Ion:142 Resp: 260

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

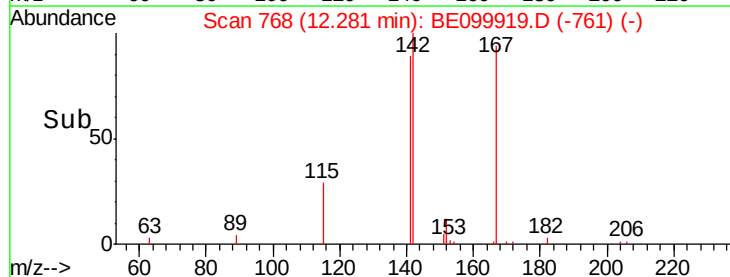
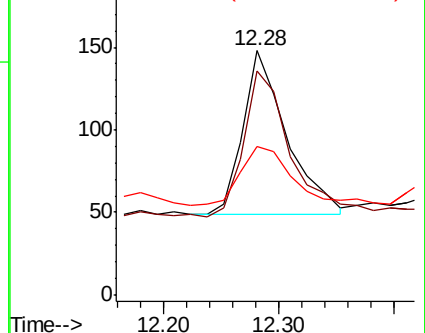
115 60.8 36.4 54.6#

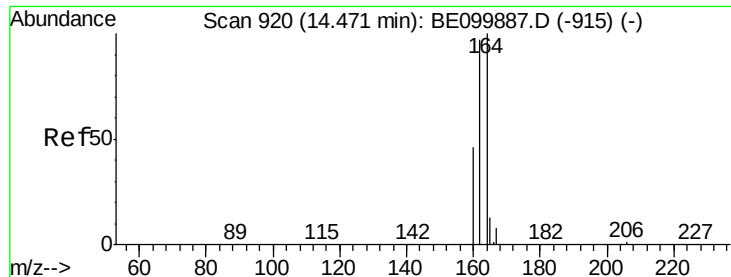


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

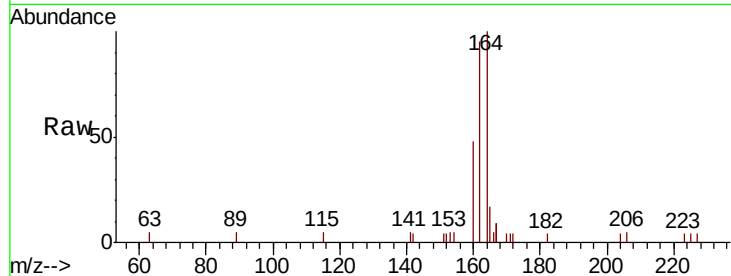




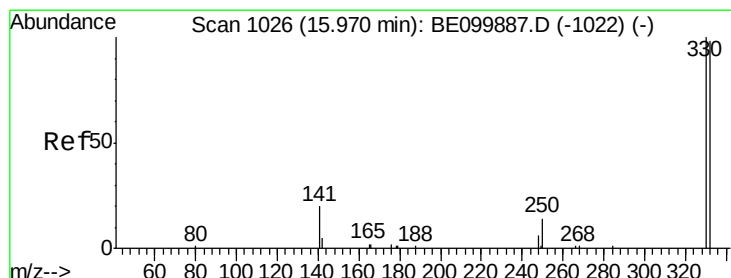
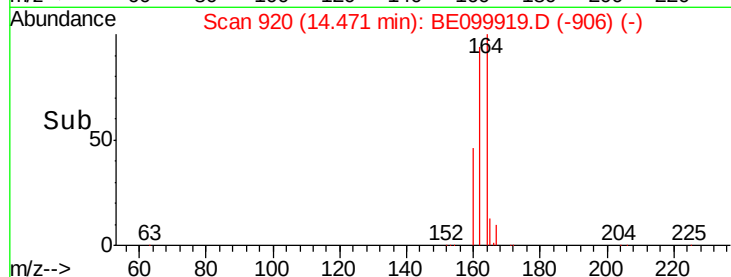
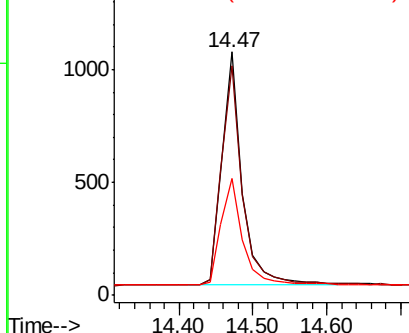
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099919.D
Acq: 11 Jun 2019 12:05

Instrument :
BNA_E
ClientSampleId :
DUP-0532-190605

Tgt Ion:164 Resp: 1958
Ion Ratio Lower Upper
164 100
162 94.5 77.8 116.8
160 48.1 38.2 57.4

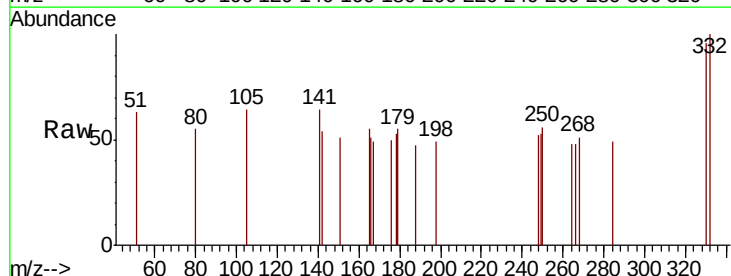


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

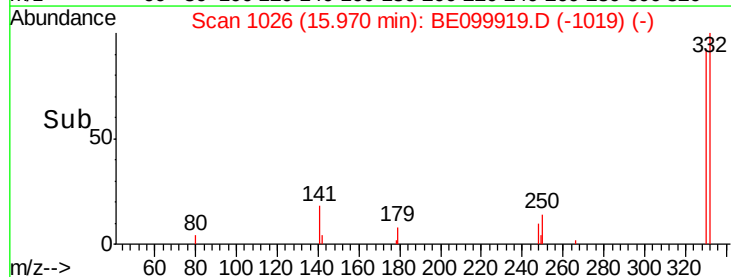
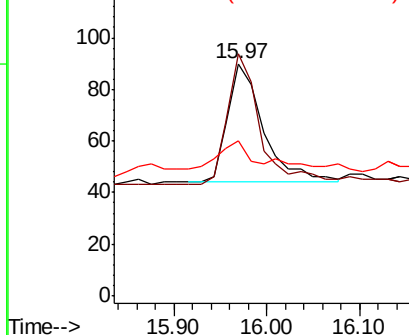


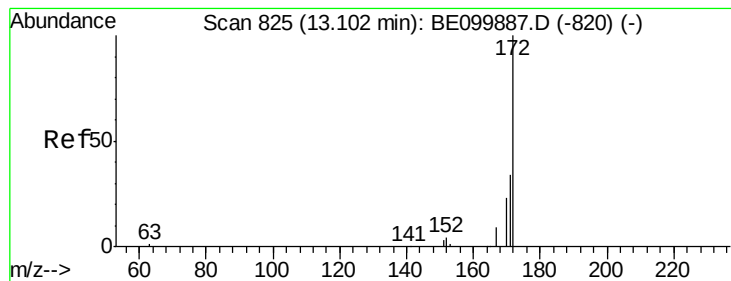
#14
2,4,6-Tribromophenol
Concen: 0.084 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099919.D
Acq: 11 Jun 2019 12:05

Tgt Ion:330 Resp: 122
Ion Ratio Lower Upper
330 100
332 102.5 76.7 115.1
141 18.9 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

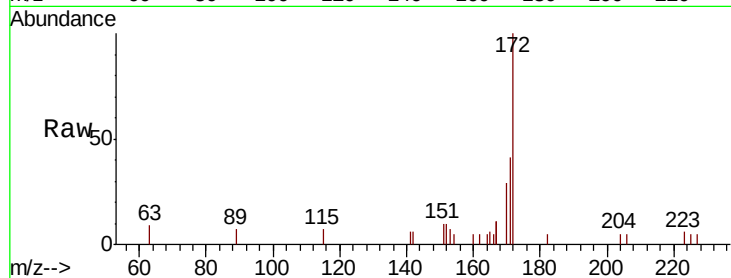




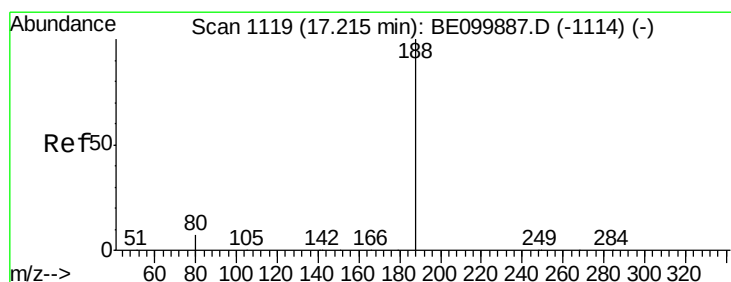
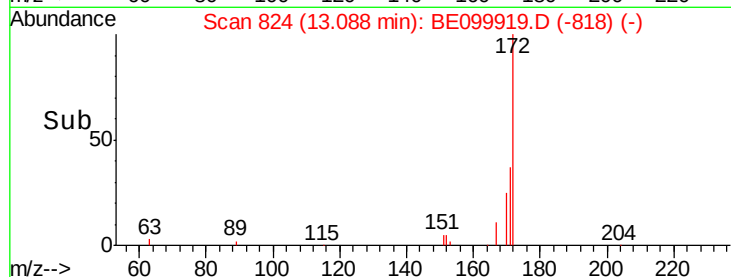
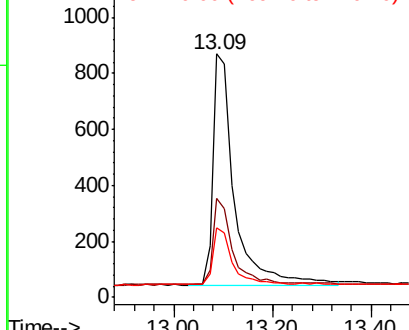
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099919.D
Acq: 11 Jun 2019 12:05

Instrument :
BNA_E
ClientSampleId :
DUP-0532-190605

Tgt Ion:172 Resp: 2445
Ion Ratio Lower Upper
172 100
171 40.5 29.2 43.8
170 28.7 21.2 31.8

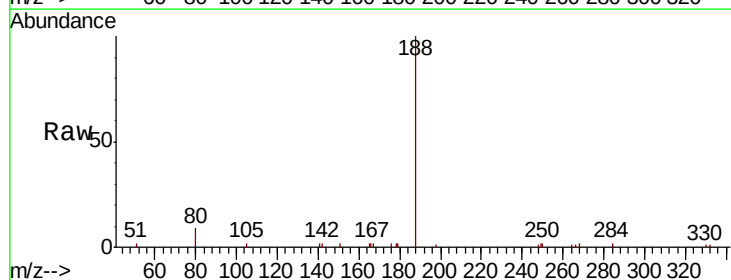


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

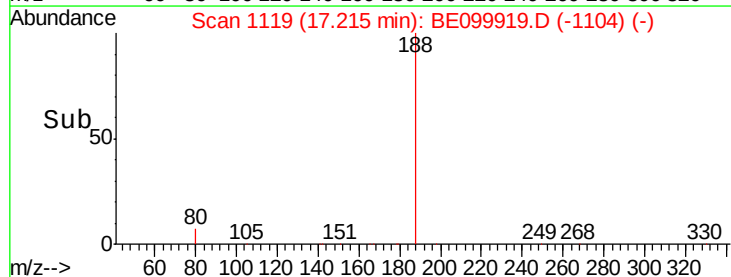
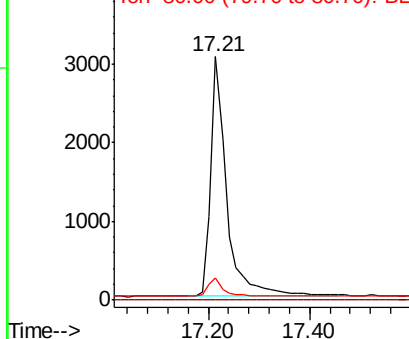


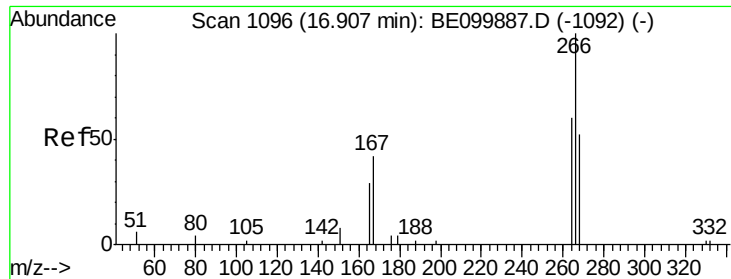
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099919.D
Acq: 11 Jun 2019 12:05

Tgt Ion:188 Resp: 6723
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 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

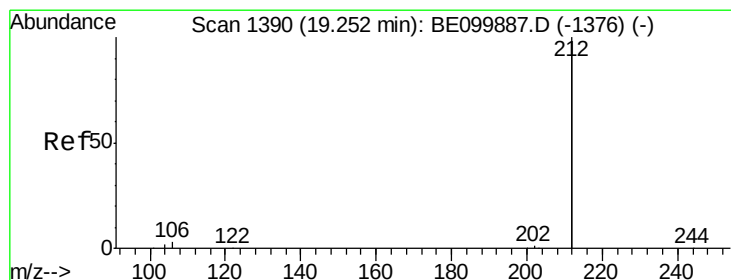
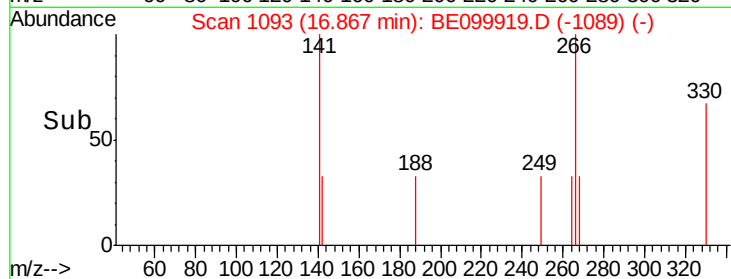
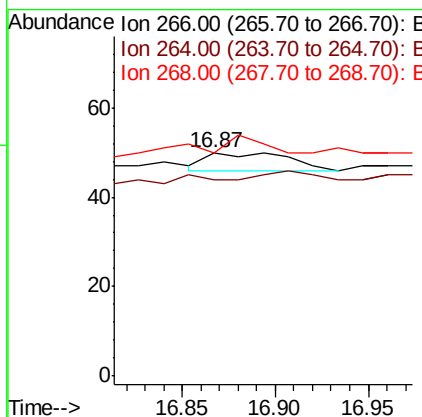
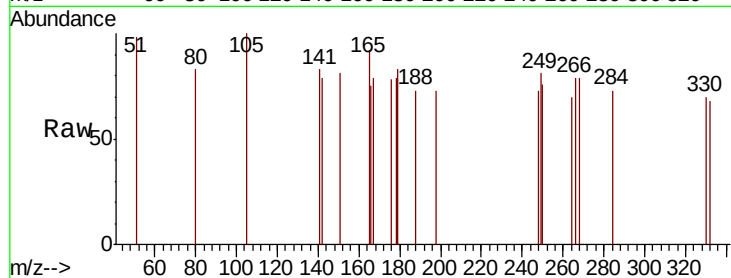




#22
 Pentachlorophenol
 Concen: 0.306 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BE099919.D
 Acq: 11 Jun 2019 12:05

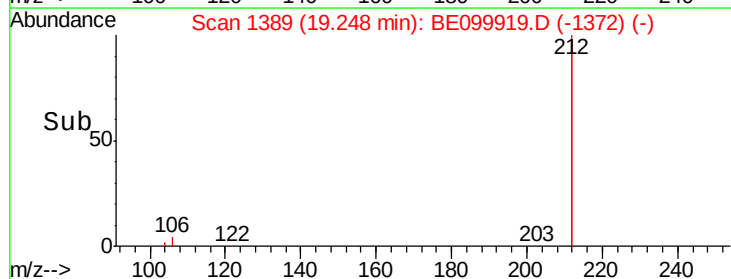
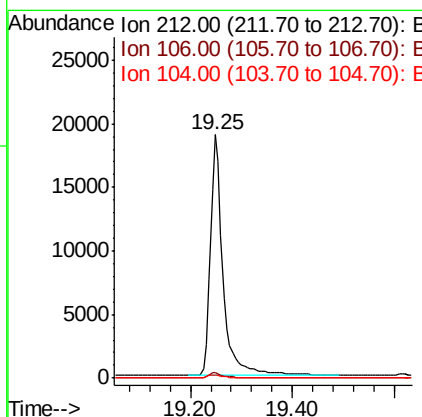
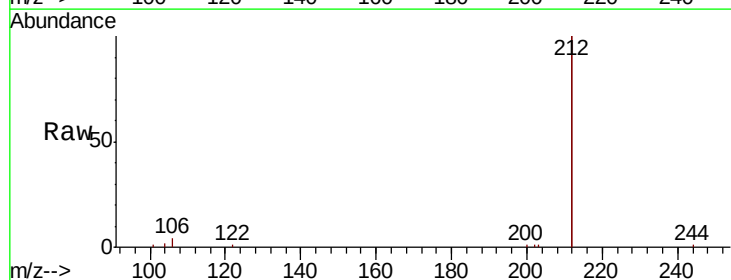
Instrument :
 BNA_E
 ClientSampleId :
 DUP-0532-190605

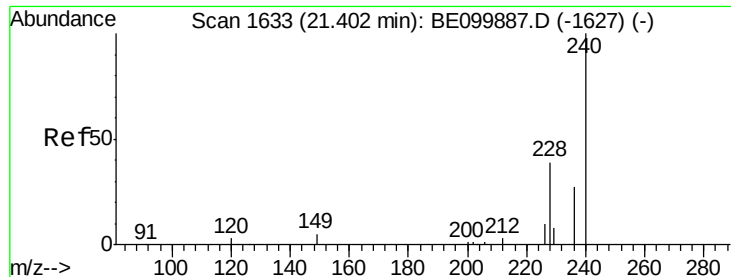
Tgt Ion: 266 Resp: 12
 Ion Ratio Lower Upper
 266 100
 264 88.0 62.2 93.2
 268 100.0 65.5 98.3#



#25
 Fluoranthene-d10
 Concen: 0.341 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE099919.D
 Acq: 11 Jun 2019 12:05

Tgt Ion: 212 Resp: 33386
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

Instrument :

BNA_E

ClientSampleId :

DUP-0532-190605

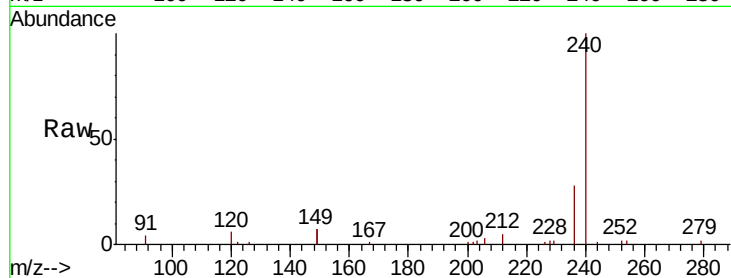
Tgt Ion:240 Resp: 9146

Ion Ratio Lower Upper

240 100

120 6.3 3.8 5.6#

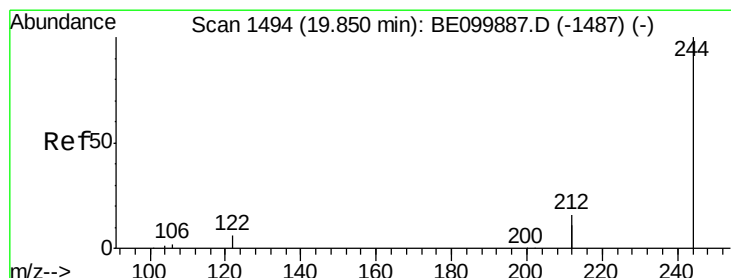
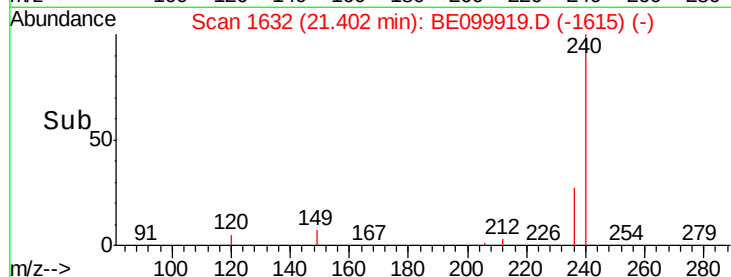
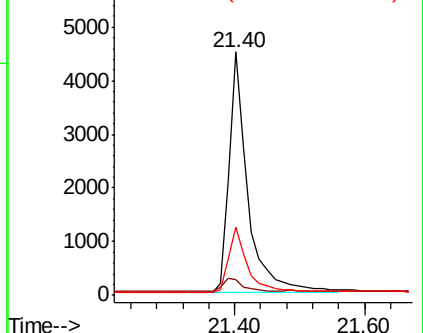
236 28.1 22.0 33.0



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: 0.455 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099919.D

Acq: 11 Jun 2019 12:05

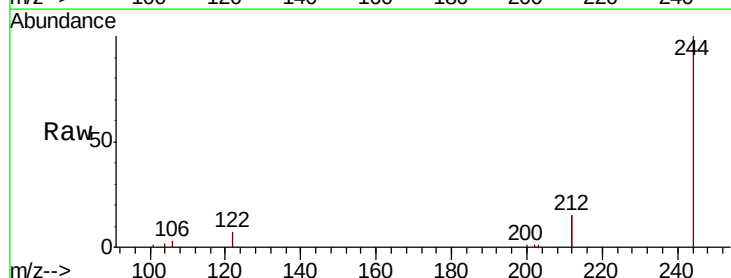
Tgt Ion:244 Resp: 7496

Ion Ratio Lower Upper

244 100

212 30.7 25.7 38.5

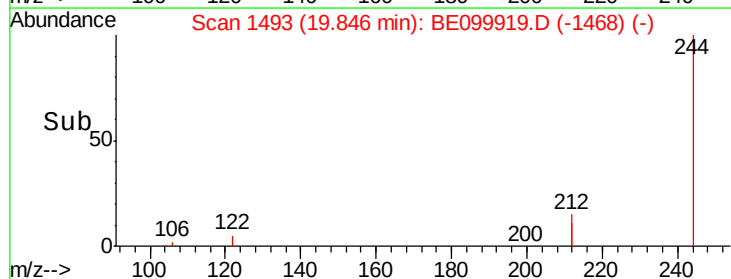
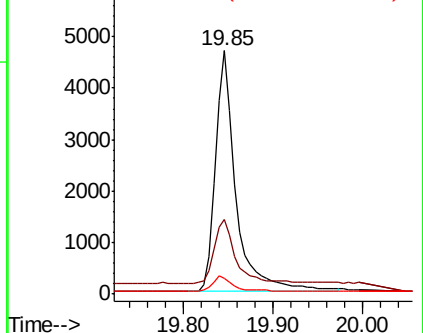
122 6.6 5.5 8.3

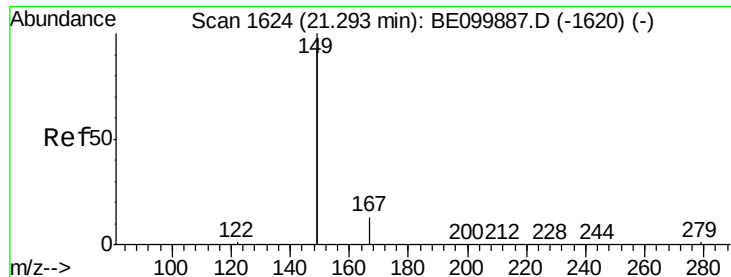


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

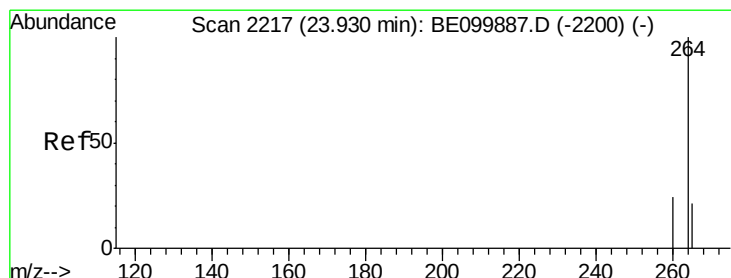
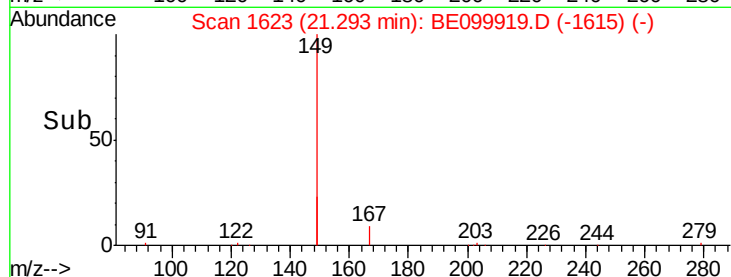
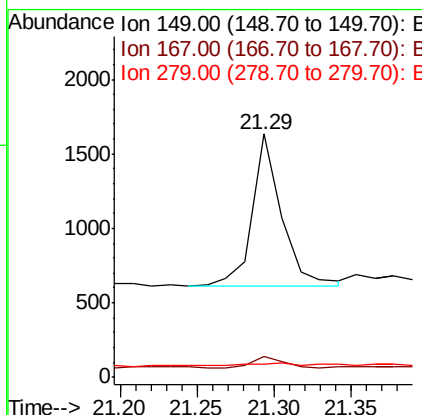
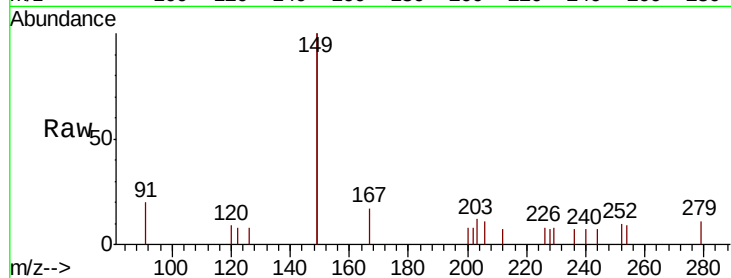




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.034 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE099919.D
 Acq: 11 Jun 2019 12:05

Instrument :
 BNA_E
 ClientSampleId :
 DUP-0532-190605

Tgt Ion:149 Resp: 1353
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.9 8.9
 279 5.0 1.2 1.8#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BE099919.D
 Acq: 11 Jun 2019 12:05

Tgt Ion:264 Resp: 10355
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 30.5 22.0 33.0

