

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
 Data File : BE099749.D
 Acq On : 24 May 2019 19:12
 Operator : JU/SJ
 Sample : PB120039BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 24 21:34:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

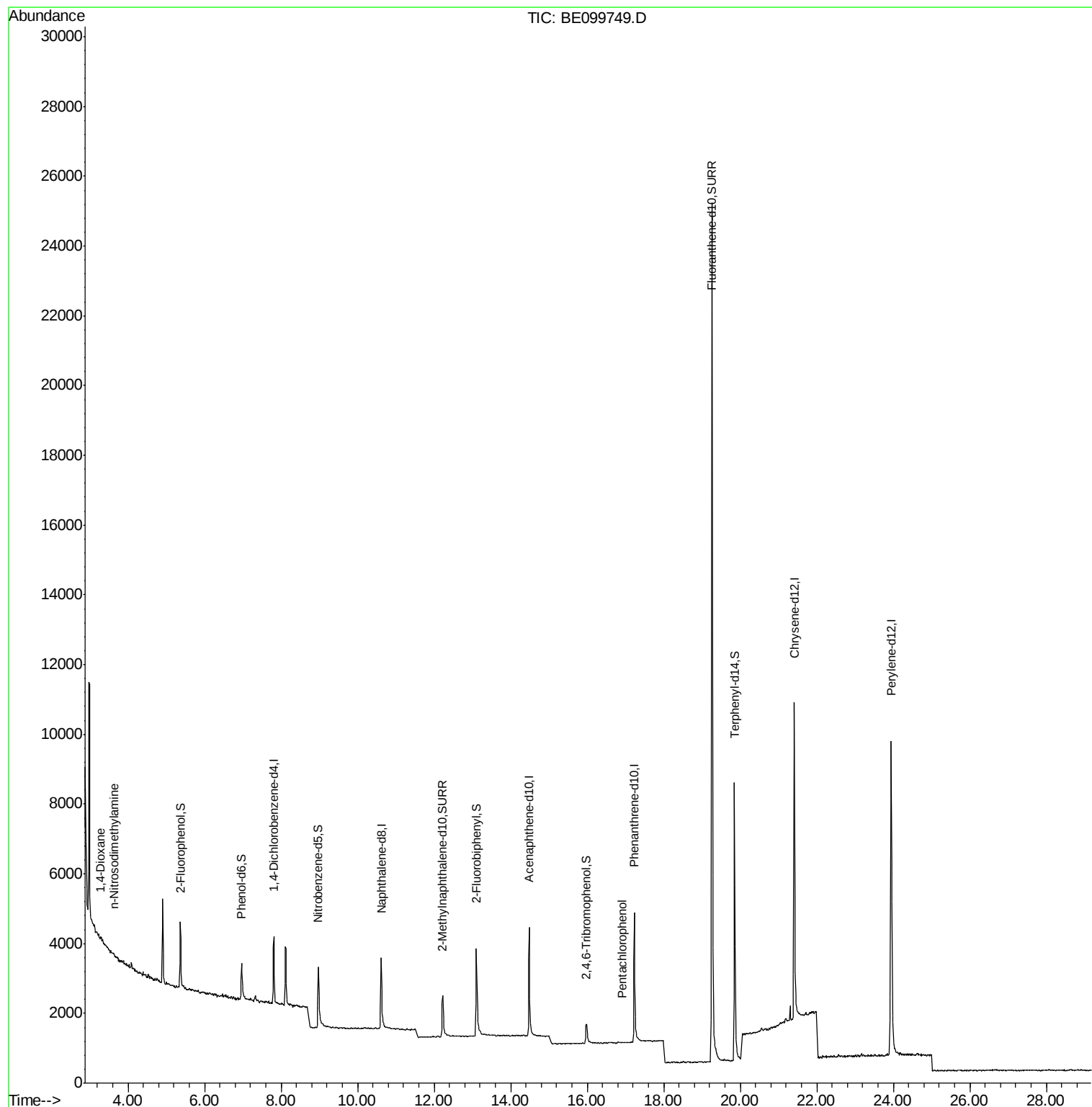
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1112	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	3625	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2588	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7643	0.40	ng	0.00
27) Chrysene-d12	21.41	240	13025	0.40	ng	0.00
34) Perylene-d12	23.94	264	16011	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1210	0.43	ng	0.00
5) Phenol-d6	6.96	99	1520	0.41	ng	-0.01
8) Nitrobenzene-d5	8.97	82	1167	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	2491	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	626	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3599	0.37	ng	0.00
25) Fluoranthene-d10	19.26	212	44098	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	9817	0.42	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.28	88	41	0.025	ng	# 34
3) n-Nitrosodimethylamine	3.62	42	72	0.079	ng	# 1
22) Pentachlorophenol	16.91	266	9	0.187	ng	# 76

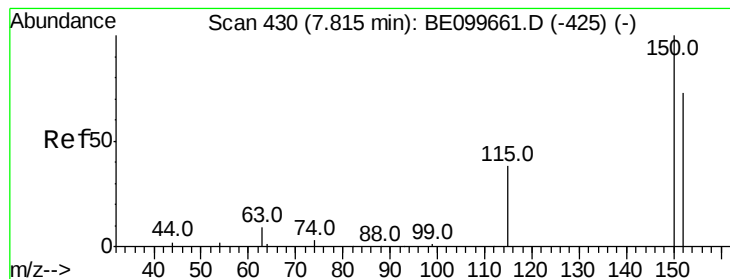
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

Instrument :

BNA_E

ClientSampleId :

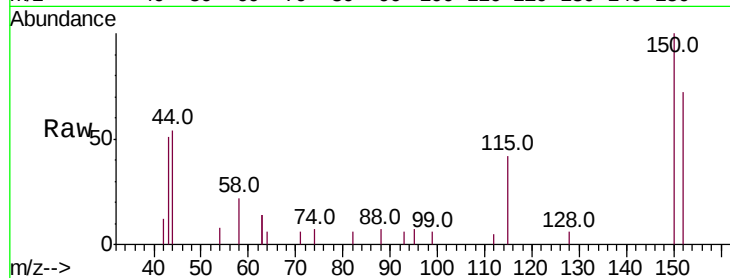
Tot Ion:152 Resp: 1112

Ion Ratio Lower Upper

152 100

150 139.2 109.2 163.8

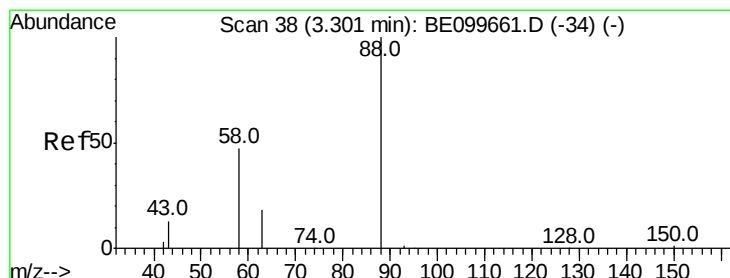
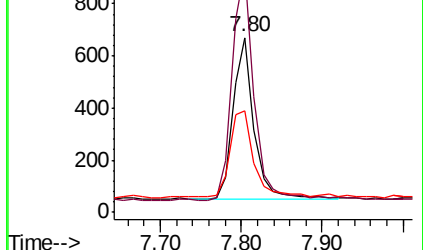
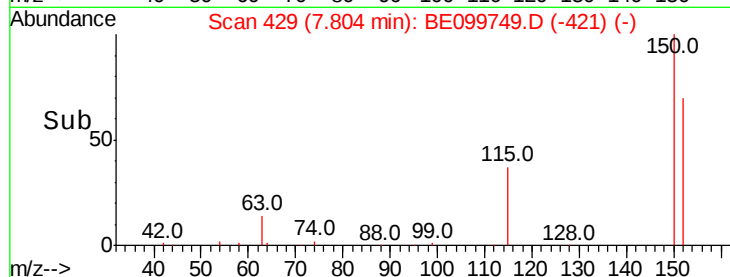
115 58.3 43.7 65.5



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: 0.025 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

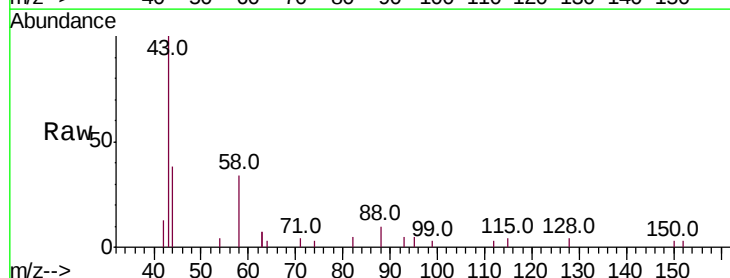
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

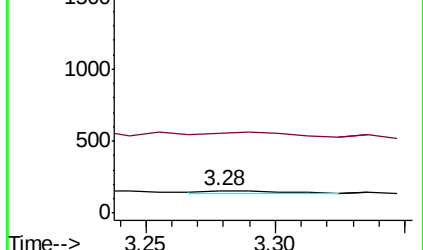
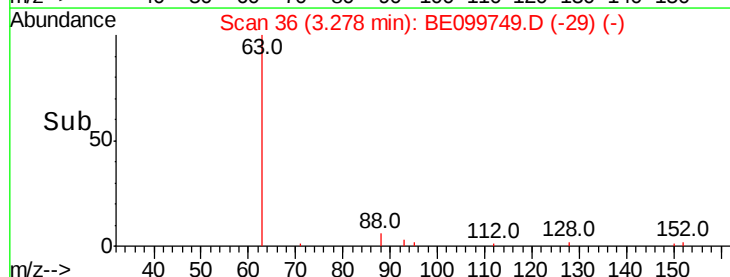
43 0.0 15.0 22.4#

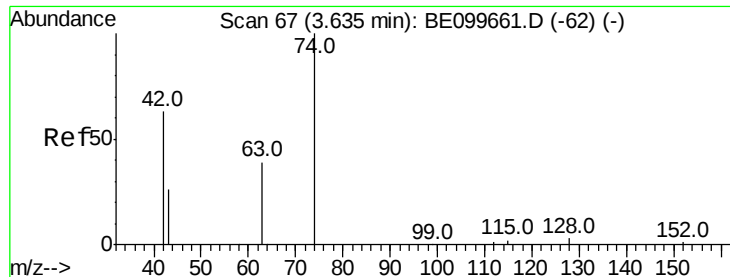


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.079 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

Instrument :

BNA_E

ClientSampleId :

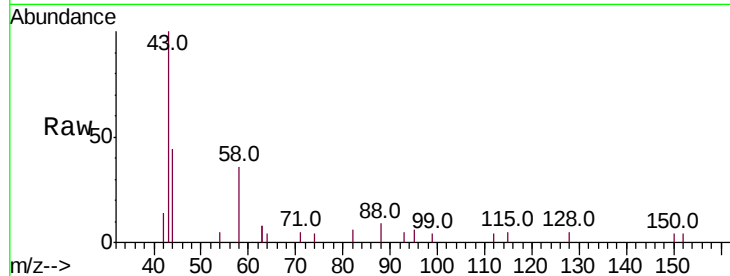
Tot Ion: 42 Resp: 72

Ion Ratio Lower Upper

42 100

74 6.9 129.2 193.8#

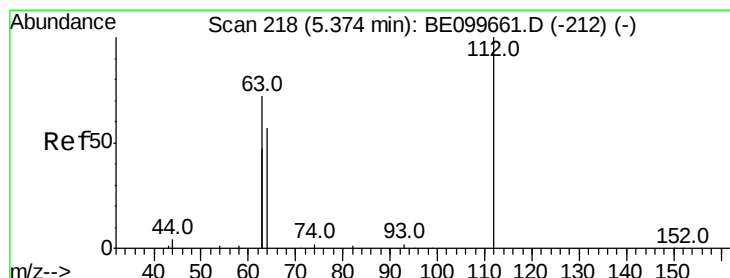
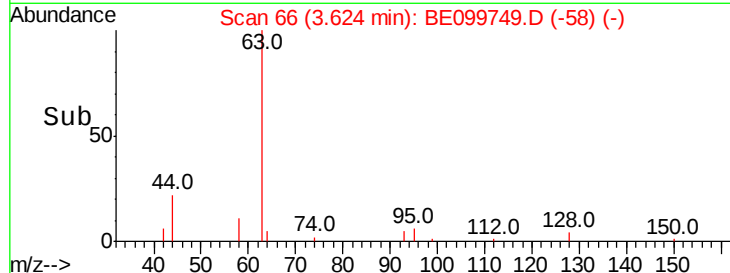
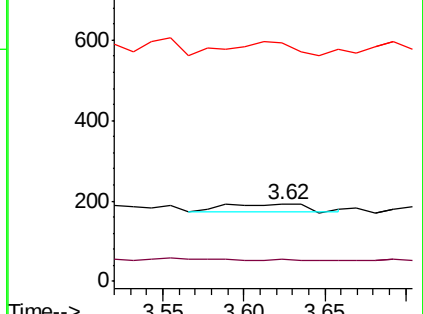
44 86.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.431 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

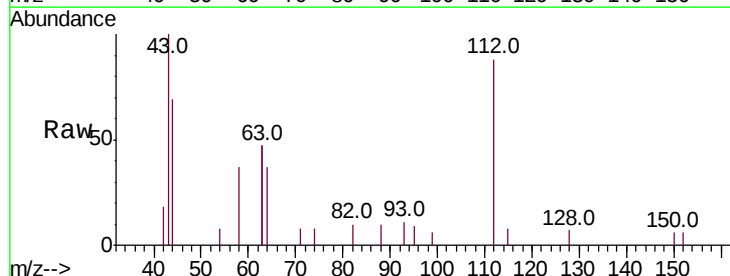
Tgt Ion: 112 Resp: 1210

Ion Ratio Lower Upper

112 100

64 54.3 43.4 65.2

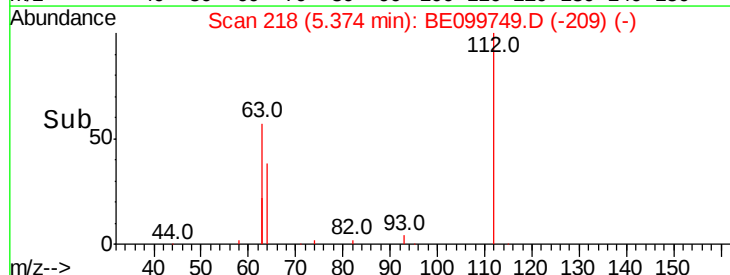
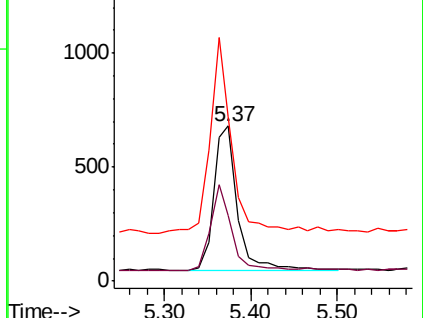
63 122.0 96.9 145.3

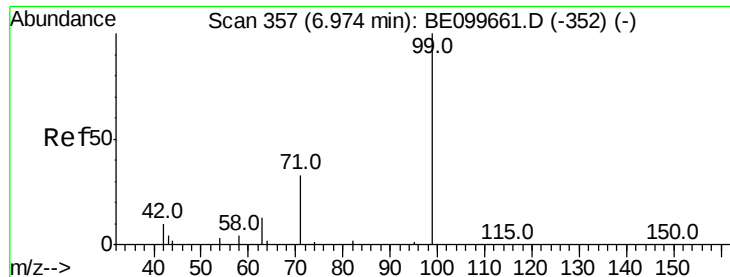


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.409 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

Instrument :

BNA_E

ClientSampleId :

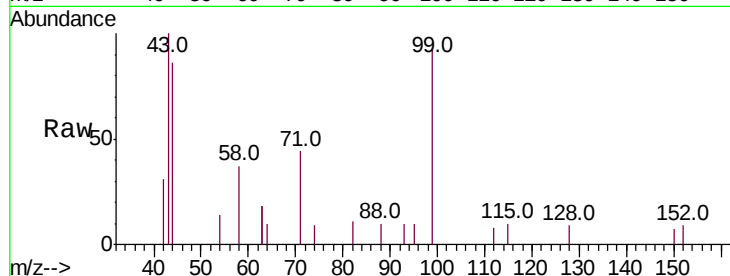
Tot Ion: 99 Resp: 1520

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

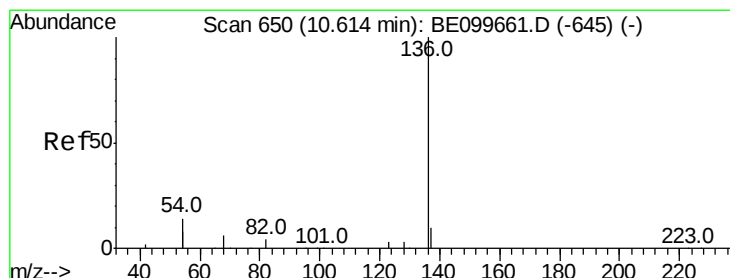
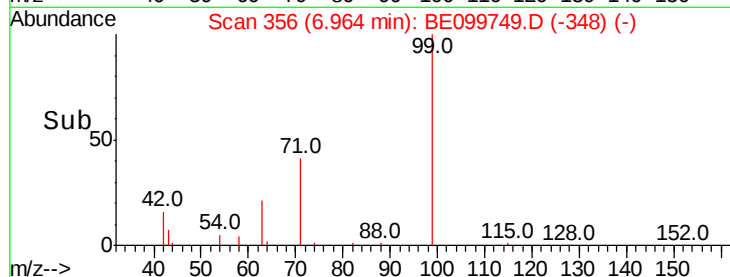
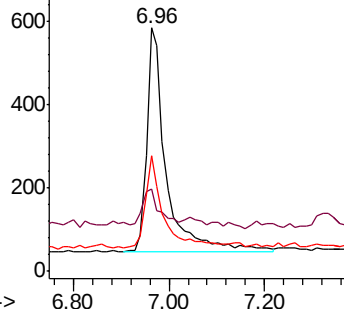
71 37.0 28.9 43.3



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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

Tgt Ion: 136 Resp: 3625

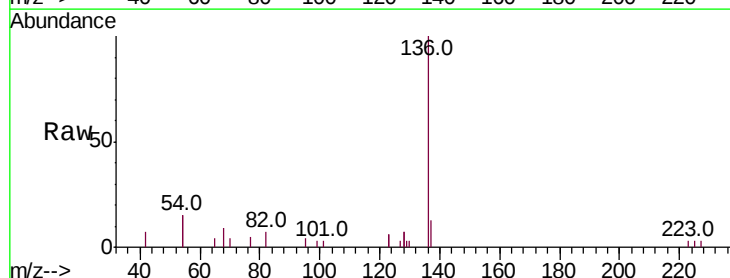
Ion Ratio Lower Upper

136 100

137 13.3 9.0 13.6

54 30.4 22.3 33.5

68 8.8 6.0 9.0

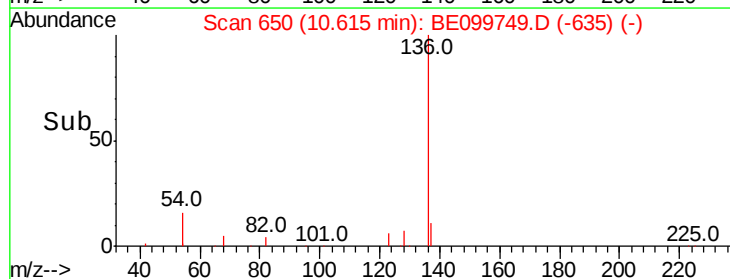
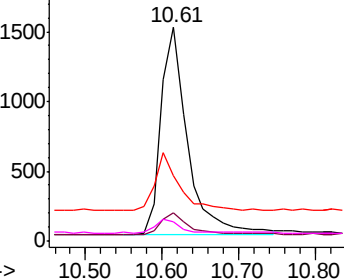


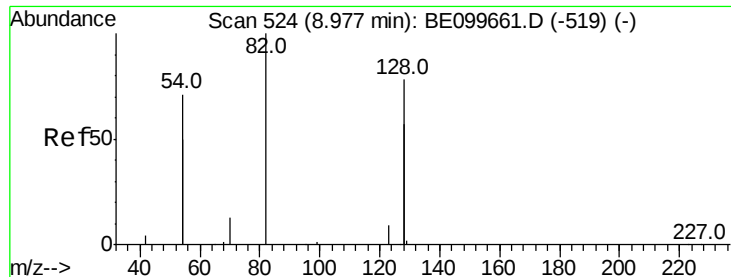
Abundance Ion 136.00 (135.70 to 136.70): E

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

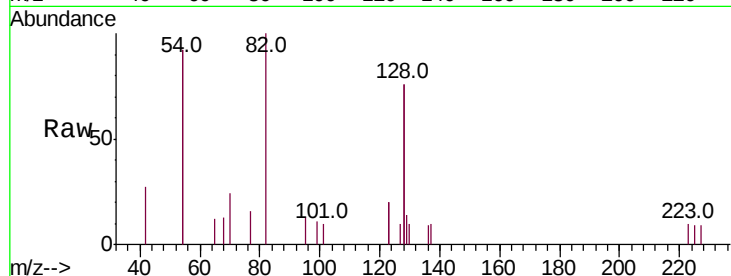




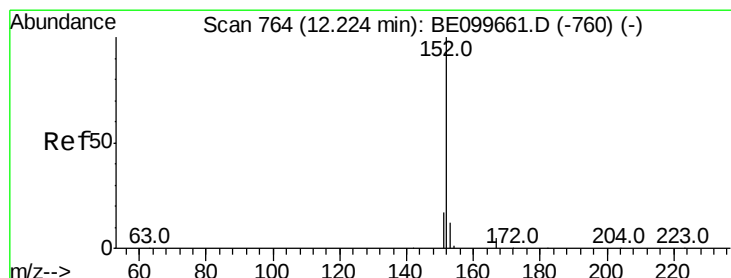
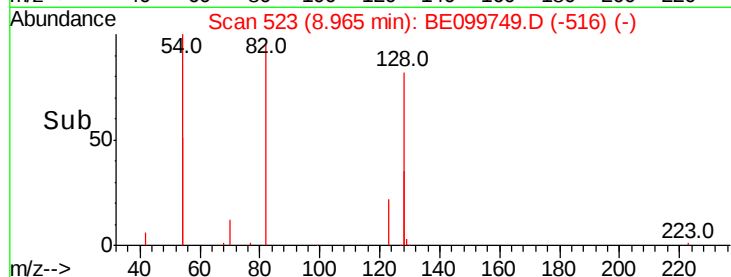
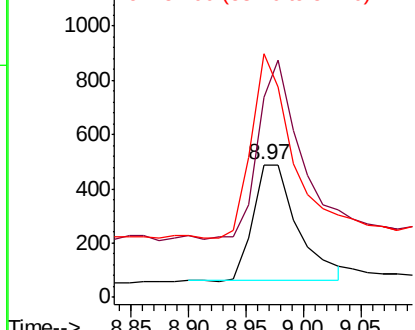
#8
 Nitrobenzene-d5
 Concen: 0.372 ng
 RT: 8.97 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BE099749.D
 Acq: 24 May 2019 19:12

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 82 Resp: 1167
 Ion Ratio Lower Upper
 82 100
 128 151.2 117.7 176.5
 54 184.0 106.6 160.0#

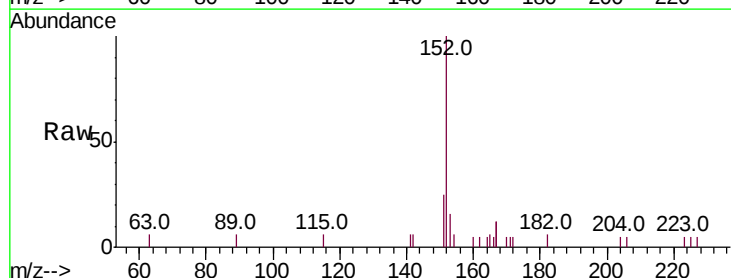


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

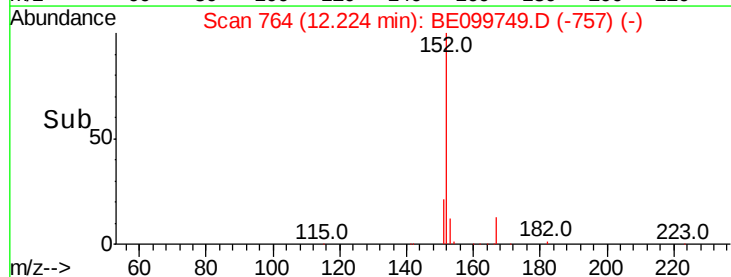
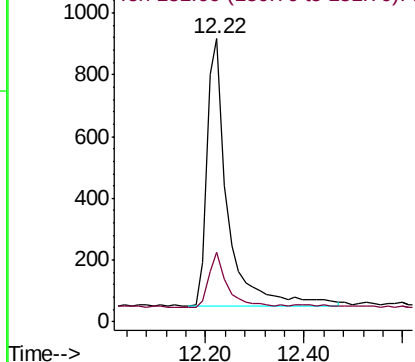


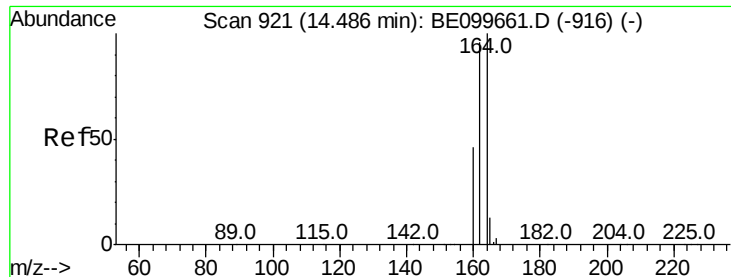
#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099749.D
 Acq: 24 May 2019 19:12

Tgt Ion: 152 Resp: 2491
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.0 22.4



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

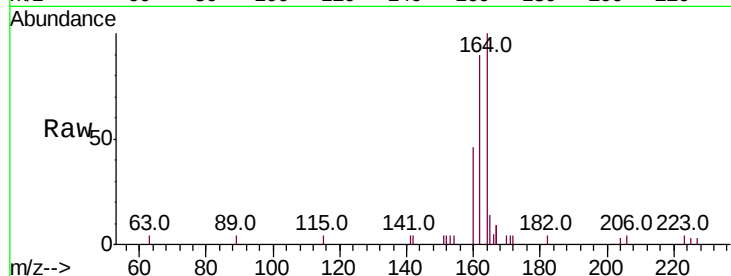




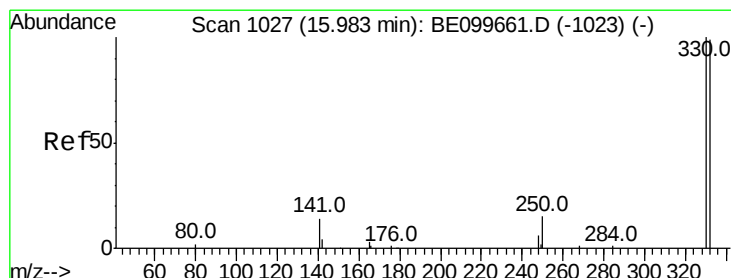
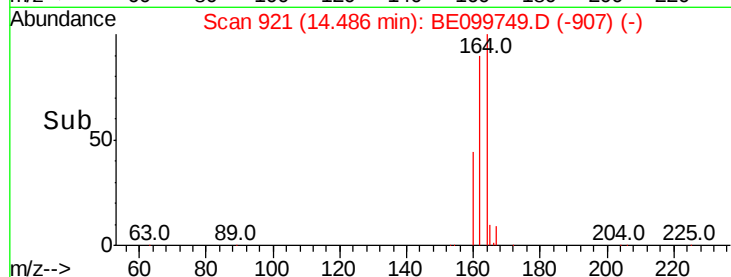
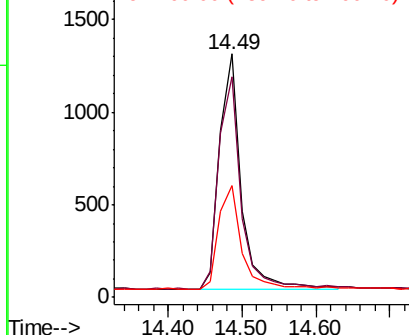
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099749.D
Acq: 24 May 2019 19:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2588
Ion Ratio Lower Upper
164 100
162 90.3 76.5 114.7
160 45.7 37.4 56.2

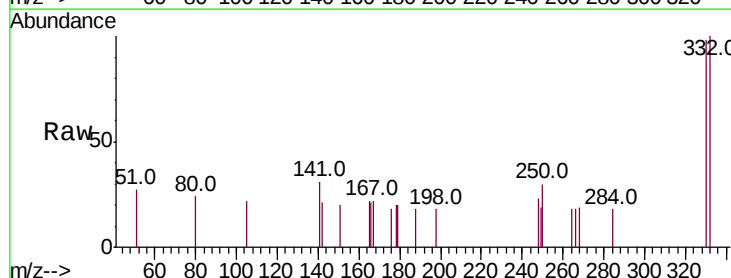


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

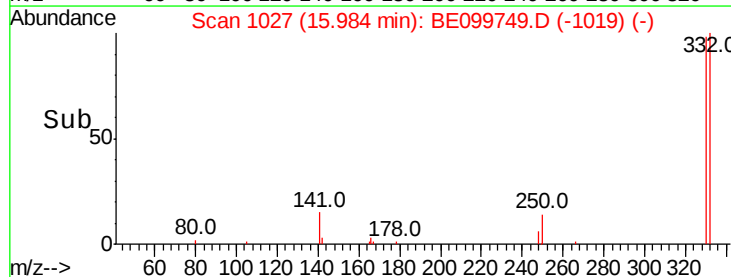
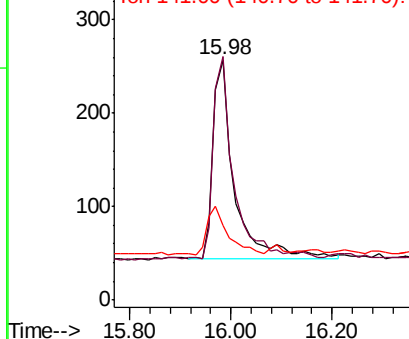


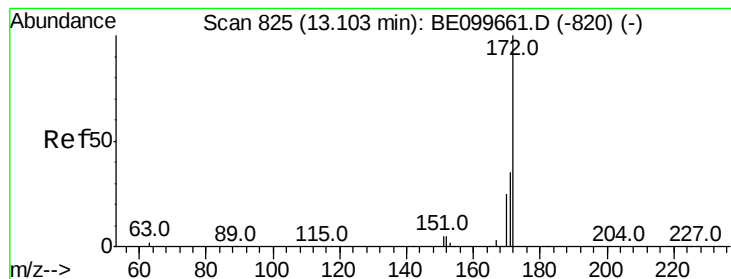
#14
2,4,6-Tribromophenol
Concen: 0.447 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099749.D
Acq: 24 May 2019 19:12

Tgt Ion:330 Resp: 626
Ion Ratio Lower Upper
330 100
332 93.5 77.3 115.9
141 22.8 18.9 28.3



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

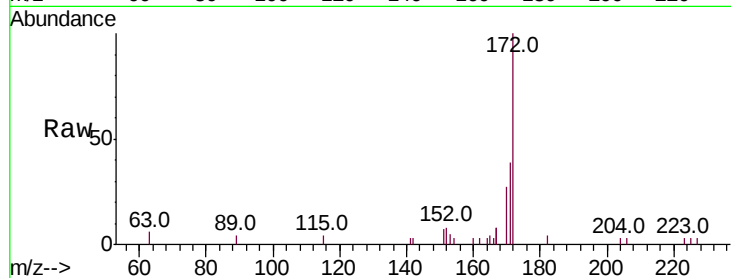




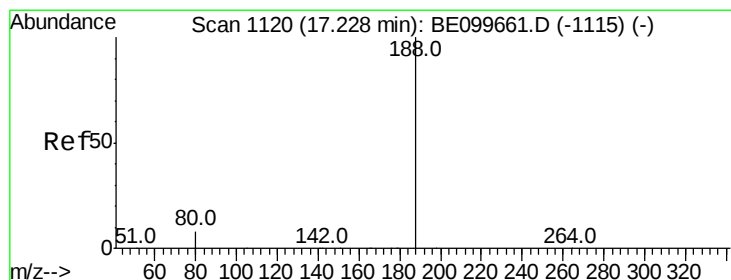
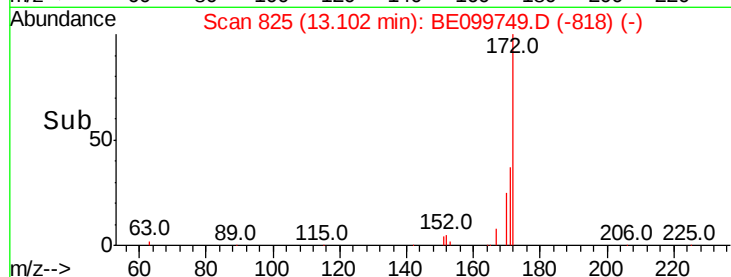
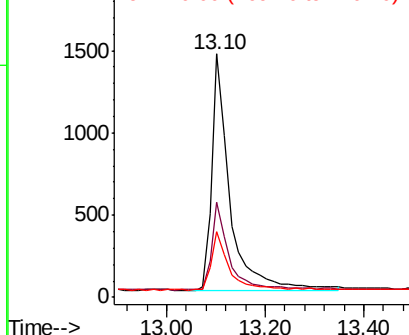
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099749.D
Acq: 24 May 2019 19:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3599
Ion Ratio Lower Upper
172 100
171 39.3 28.7 43.1
170 27.0 20.9 31.3

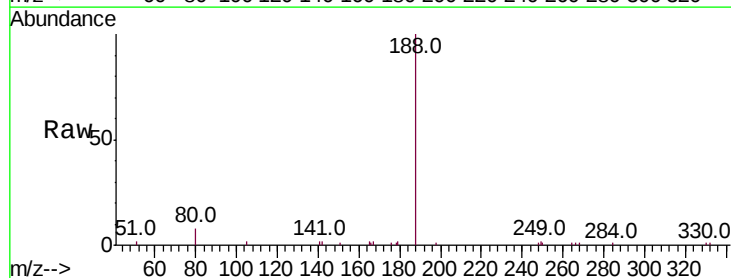


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

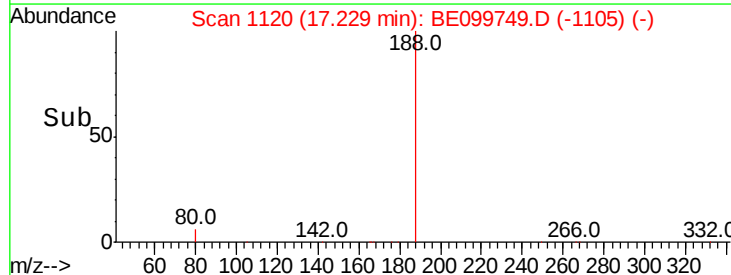
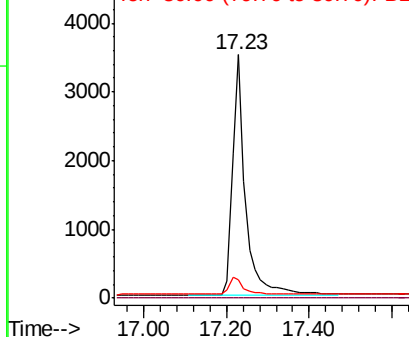


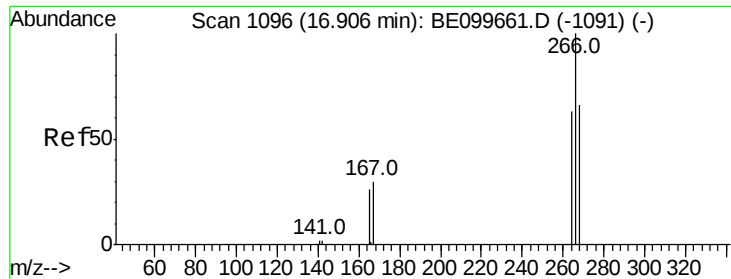
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099749.D
Acq: 24 May 2019 19:12

Tgt Ion:188 Resp: 7643
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.7 10.1



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

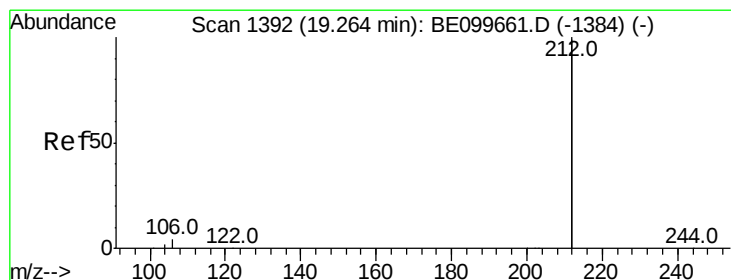
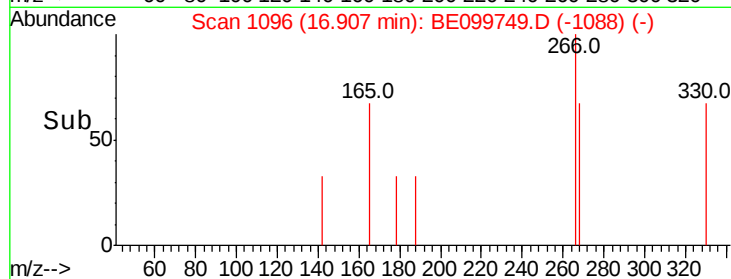
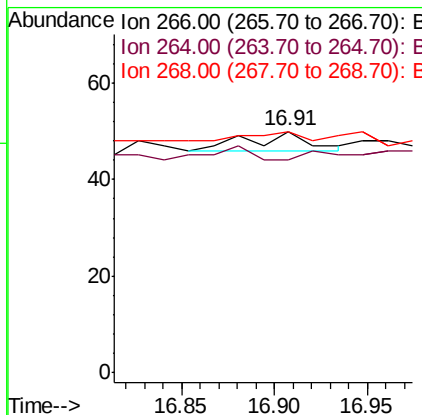
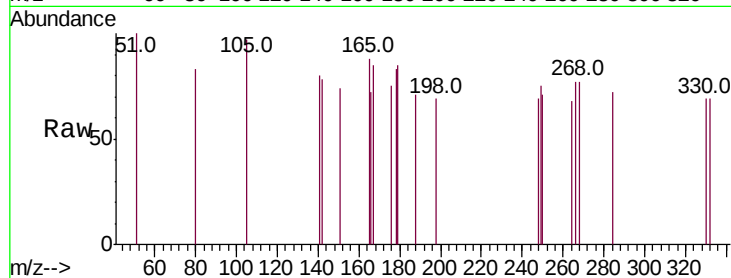




#22
 Pentachlorophenol
 Concen: 0.187 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE099749.D
 Acq: 24 May 2019 19:12

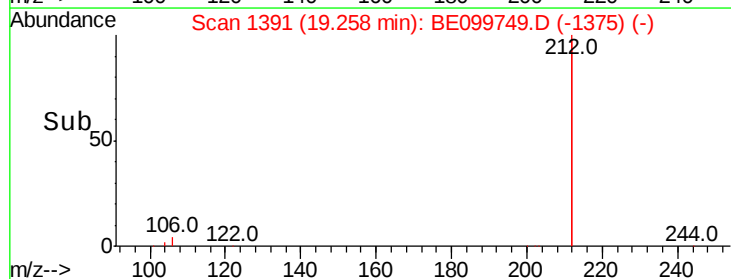
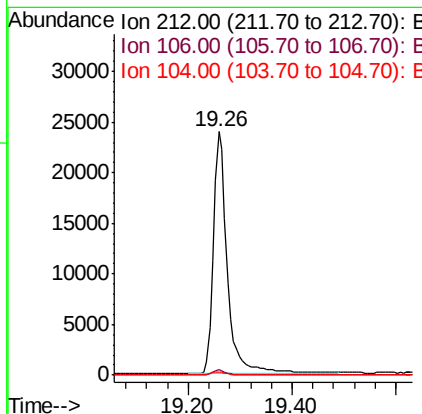
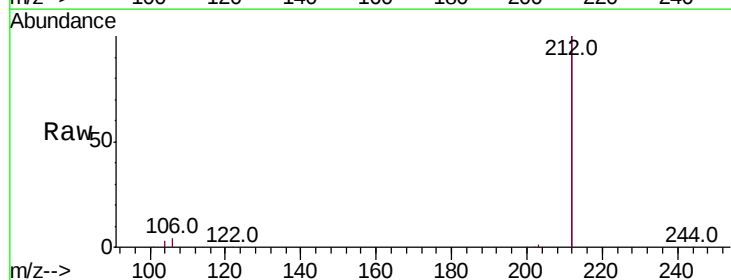
Instrument :
 BNA_E
 ClientSampleId :

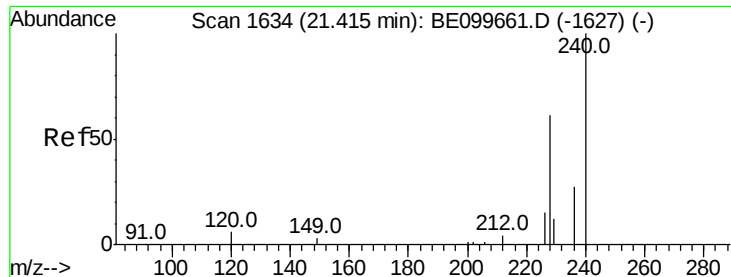
Tot Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 88.0 57.2 85.8#
 268 100.0 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.422 ng
 RT: 19.26 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BE099749.D
 Acq: 24 May 2019 19:12

Tgt Ion:212 Resp: 44098
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.8 1.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

Instrument :

BNA_E

ClientSampleId :

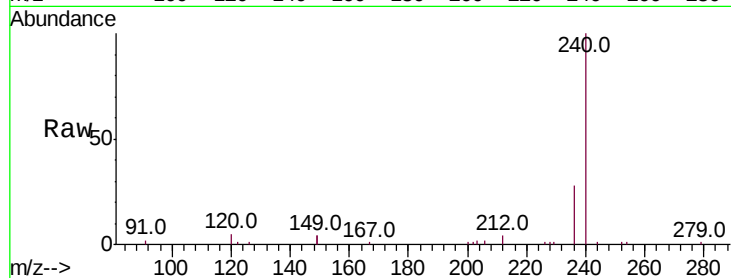
Tot Ion:240 Resp: 13025

Ion Ratio Lower Upper

240 100

120 4.6 5.4 8.0#

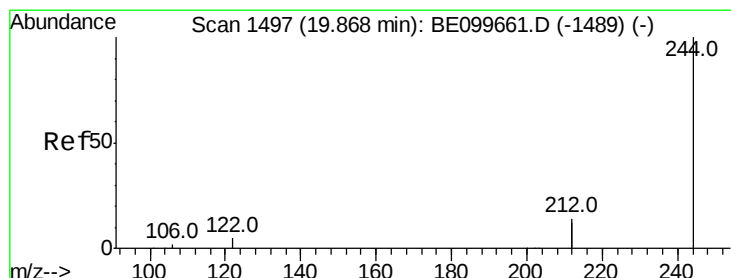
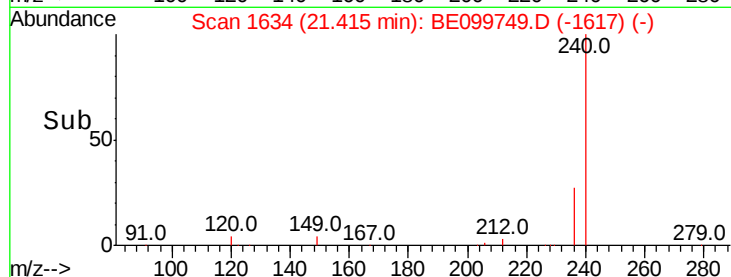
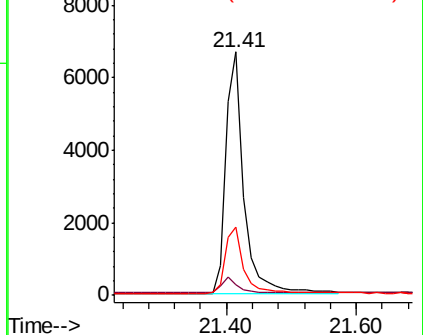
236 27.8 21.7 32.5



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: 0.422 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

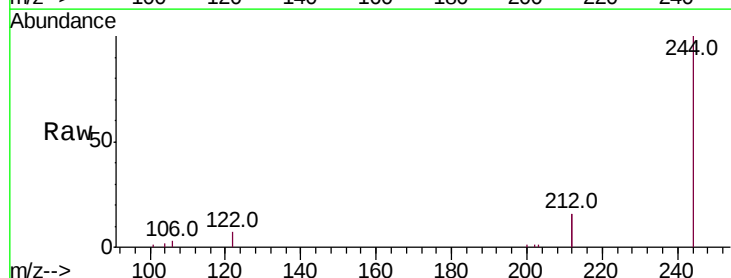
Tgt Ion:244 Resp: 9817

Ion Ratio Lower Upper

244 100

212 31.6 22.5 33.7

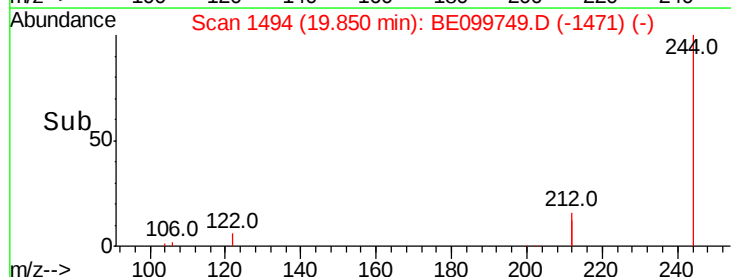
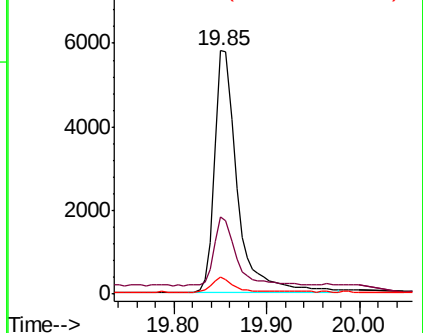
122 7.3 4.3 6.5#

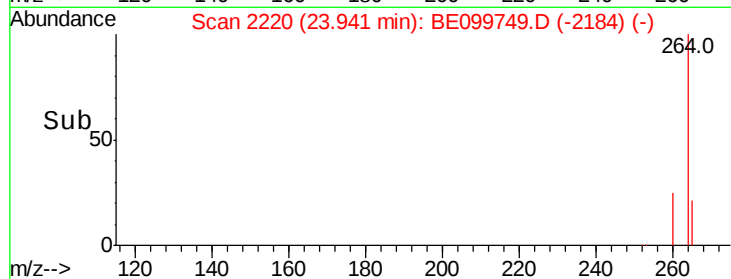
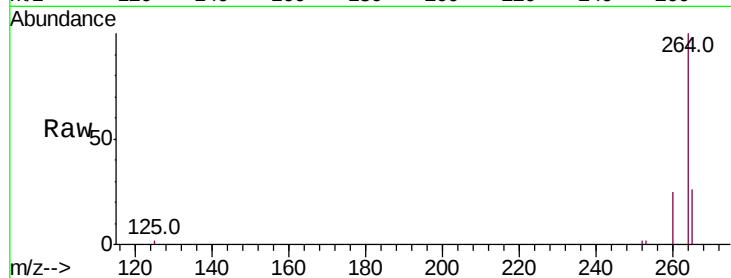
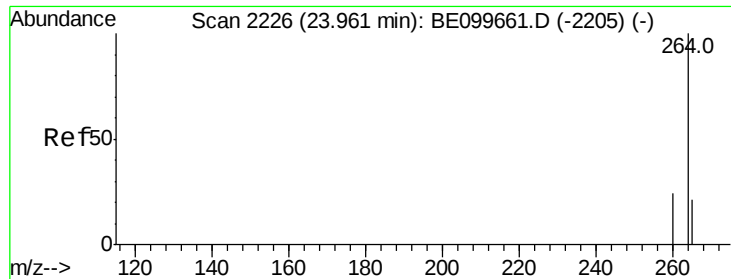


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099749.D

Acq: 24 May 2019 19:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 16011

Ion Ratio Lower Upper

264 100

260 25.4 19.6 29.4

265 26.3 19.1 28.7

