

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099758.D
 Acq On : 28 May 2019 15:53
 Operator : JU/SJ
 Sample : K3037-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 28 16:44:05 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	7.81	152	1168	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4091	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3075	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	9831	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	14645	0.40	ng	-0.01
34) Perylene-d12	23.94	264	16634	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	670	0.23	ng	-0.01
5) Phenol-d6	6.96	99	600	0.15	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1525	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3000	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	1069	0.58	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6373	0.55	ng	0.00
25) Fluoranthene-d10	19.25	212	63591	0.47	ng	-0.01
29) Terphenyl-d14	19.85	244	19779	0.76	ng	-0.02

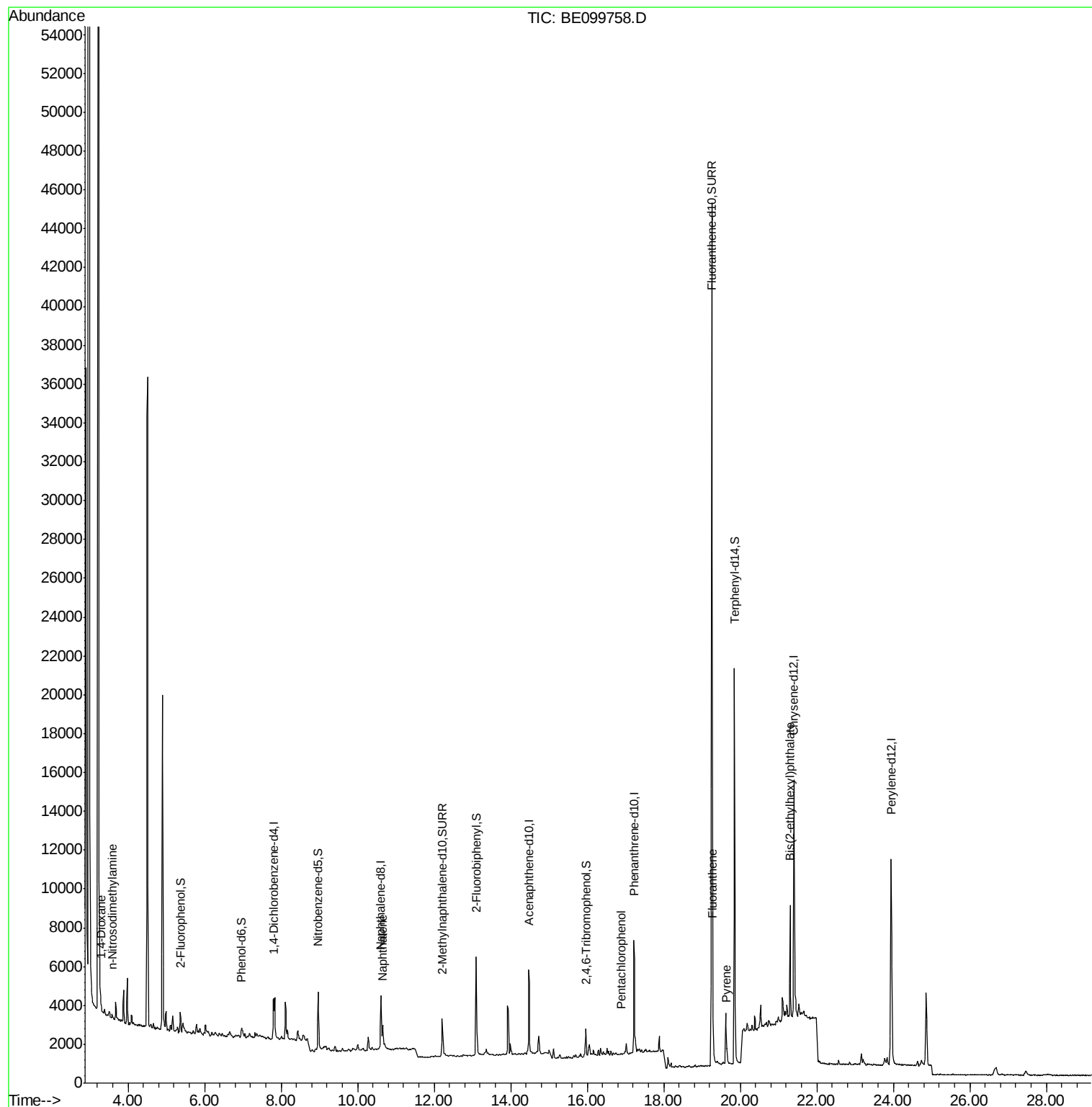
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	229	0.132	ng	# 1
3) n-Nitrosodimethylamine	3.58	42	30	0.031	ng	# 1
9) Naphthalene	10.65	128	2044	0.047	ng	# 85
22) Pentachlorophenol	16.88	266	65	0.218	ng	# 87
26) Fluoranthene	19.28	202	1010	0.027	ng	# 89
28) Pyrene	19.65	202	739	0.020	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.31	149	6092	0.127	ng	# 97

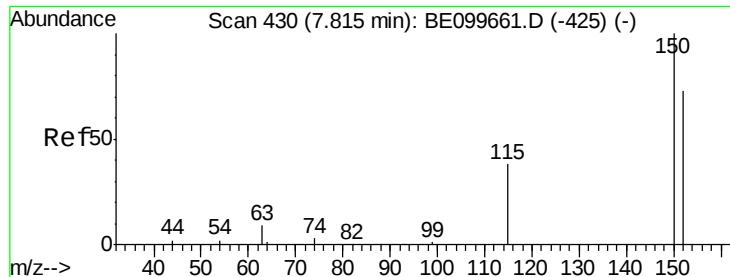
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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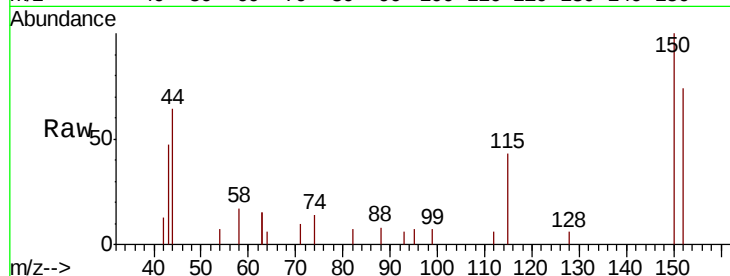


#1

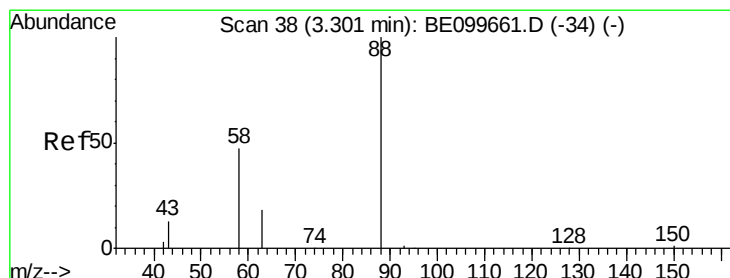
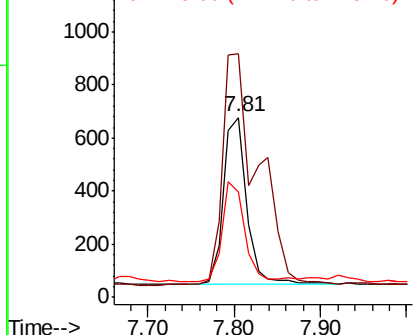
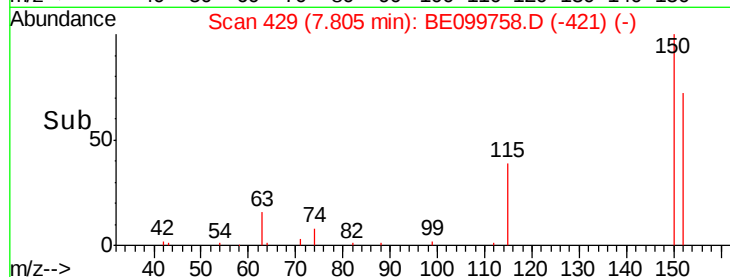
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099758.D
Acq: 28 May 2019 15:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1168
Ion Ratio Lower Upper
152 100
150 135.5 109.2 163.8
115 58.8 43.7 65.5



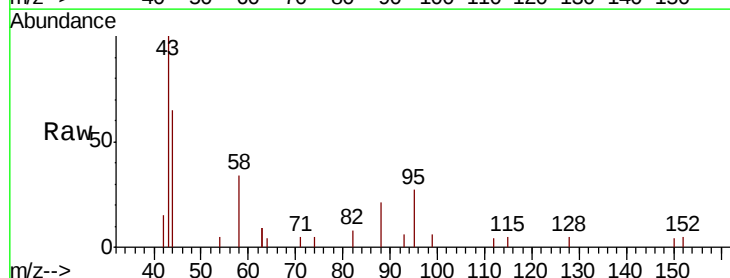
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



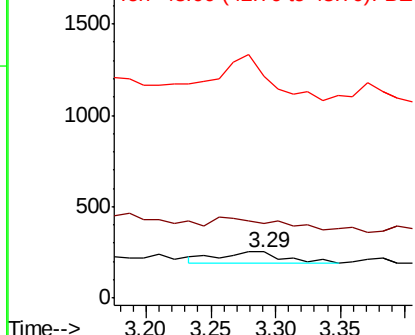
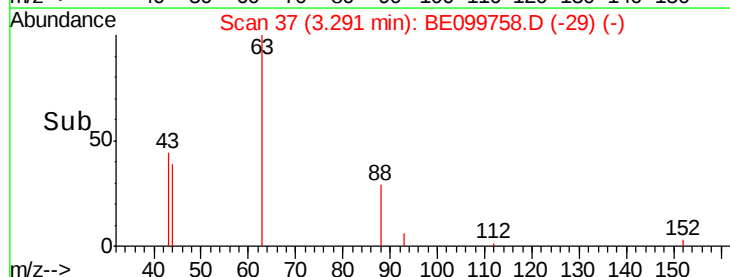
#2

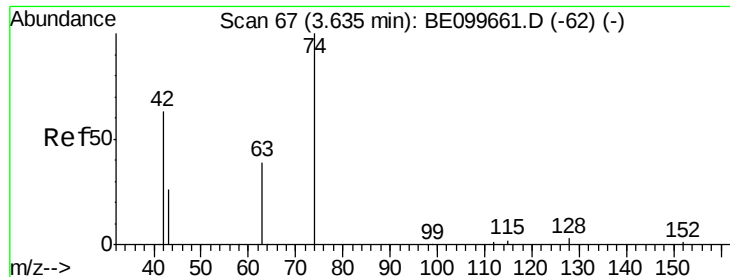
1,4-Dioxane
Concen: 0.132 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099758.D
Acq: 28 May 2019 15:53

Tgt Ion: 88 Resp: 229
Ion Ratio Lower Upper
88 100
58 0.0 41.8 62.8#
43 290.8 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: 0.031 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.06 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampled :

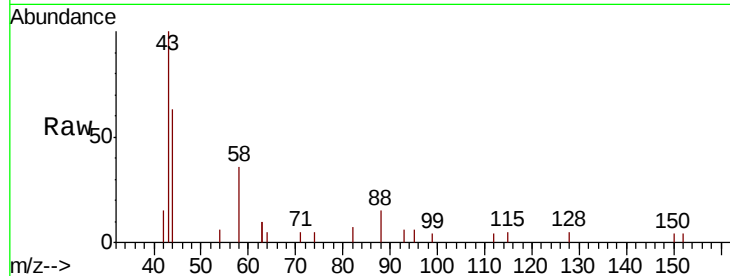
Tot Ion: 42 Resp: 30

Ion Ratio Lower Upper

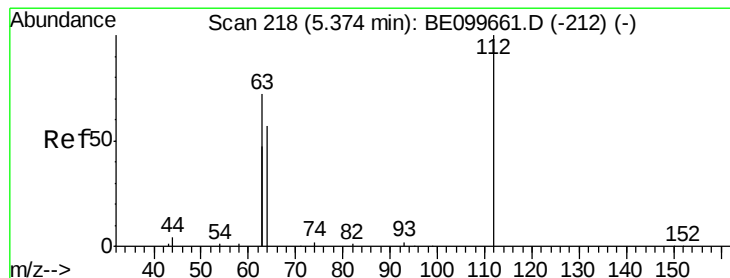
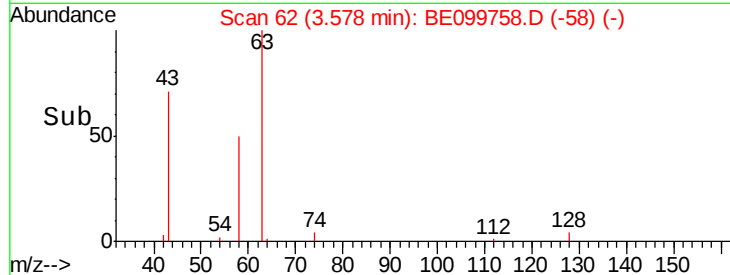
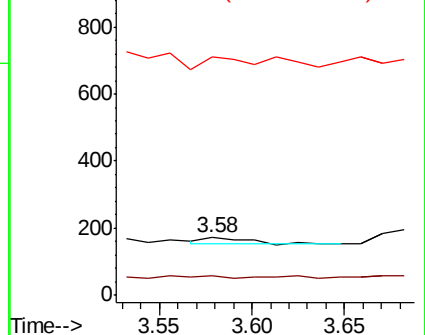
42 100

74 0.0 129.2 193.8#

44 196.7 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: 0.227 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

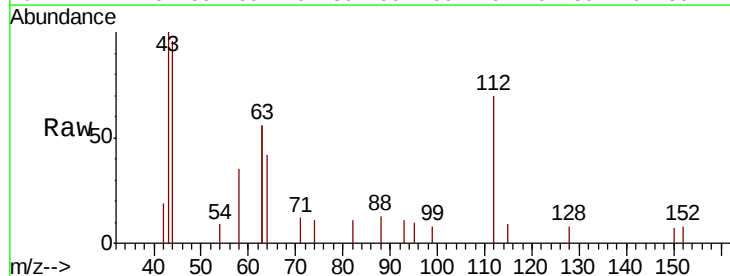
Tgt Ion: 112 Resp: 670

Ion Ratio Lower Upper

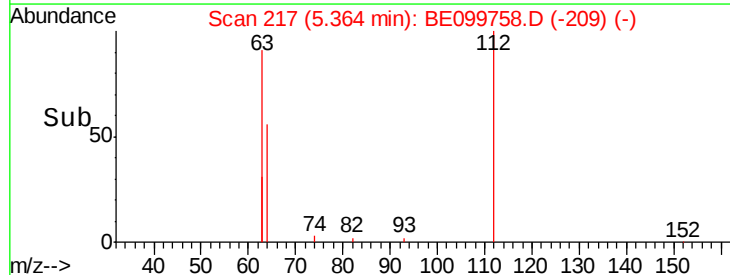
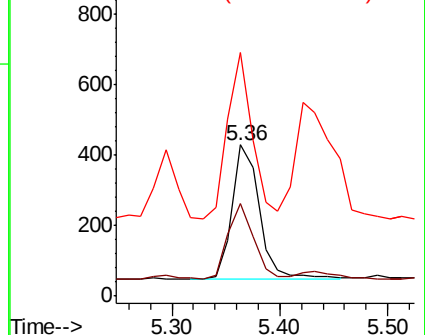
112 100

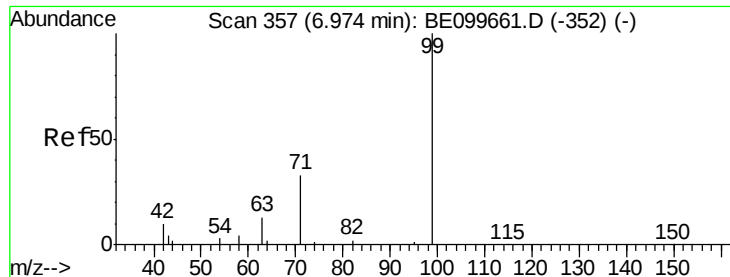
64 53.0 43.4 65.2

63 112.1 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: 0.154 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

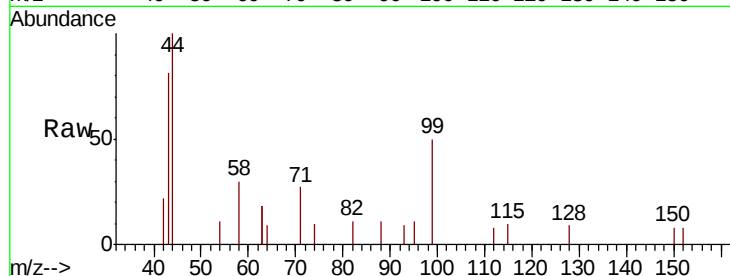
Tot Ion: 99 Resp: 600

Ion Ratio Lower Upper

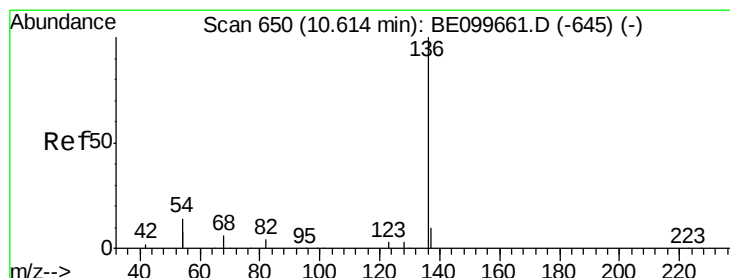
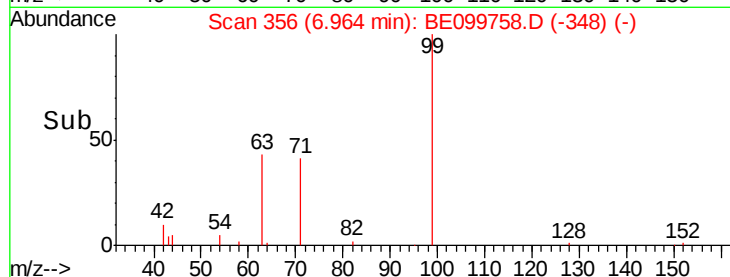
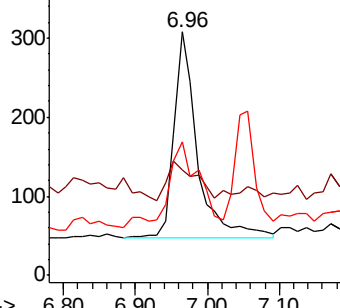
99 100

42 23.0 12.2 18.2#

71 53.8 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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Tgt Ion: 136 Resp: 4091

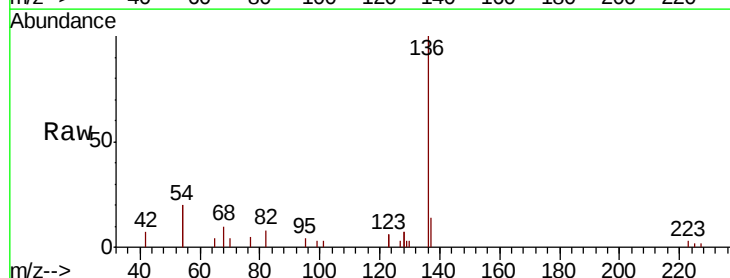
Ion Ratio Lower Upper

136 100

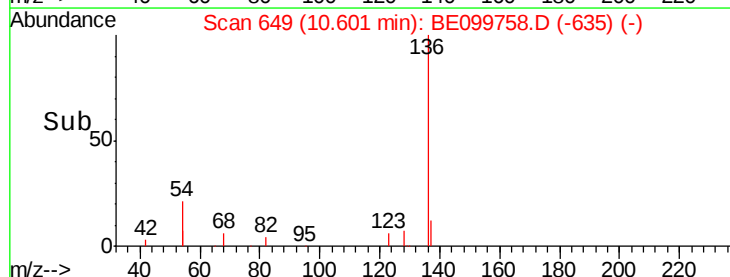
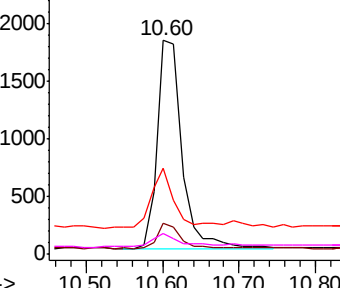
137 14.2 9.0 13.6#

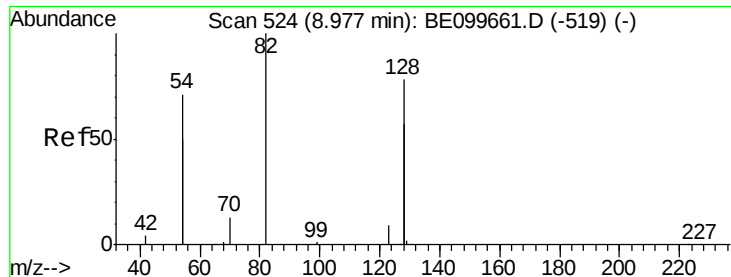
54 40.3 22.3 33.5#

68 9.9 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: 0.431 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

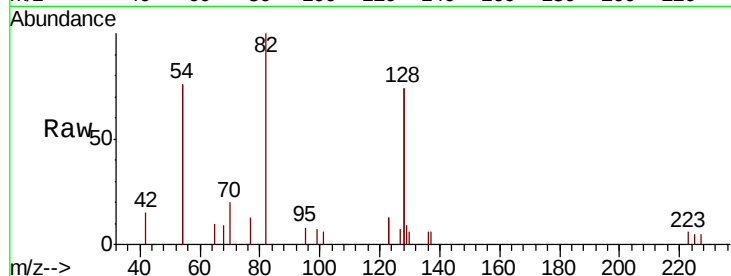
Tot Ion: 82 Resp: 1525

Ion Ratio Lower Upper

82 100

128 147.5 117.7 176.5

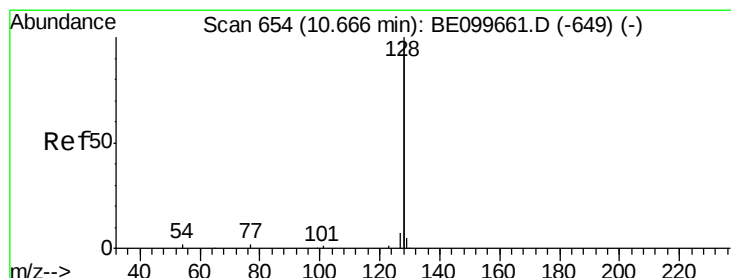
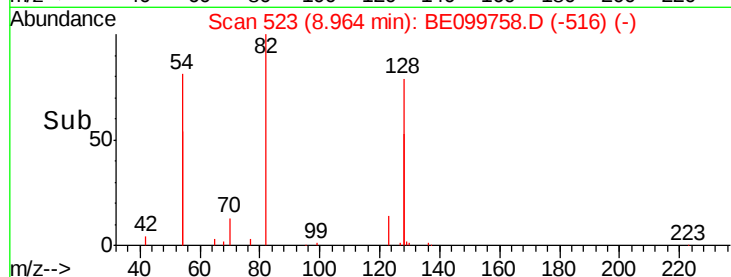
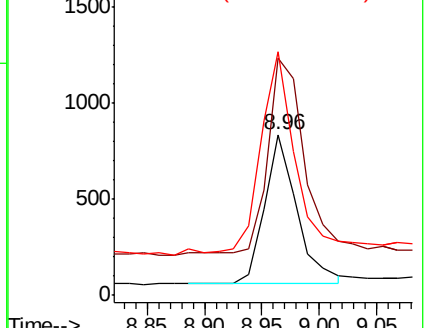
54 151.3 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.047 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

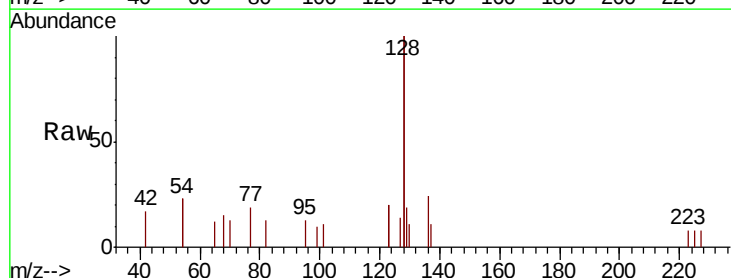
Tgt Ion: 128 Resp: 2044

Ion Ratio Lower Upper

128 100

129 9.5 2.4 3.6#

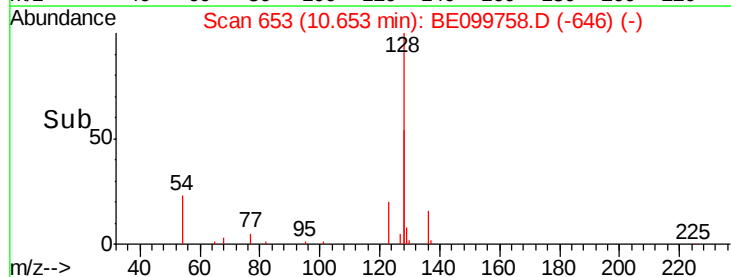
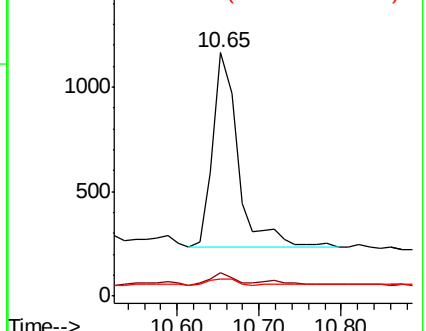
127 7.2 2.9 4.3#

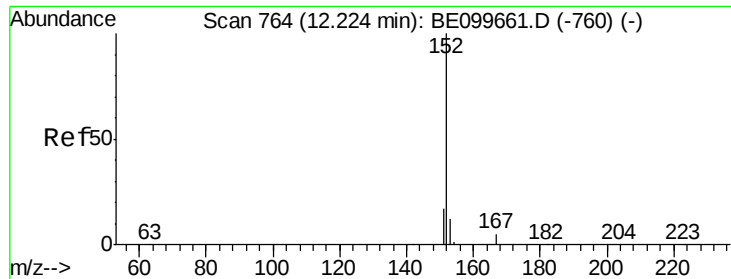


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

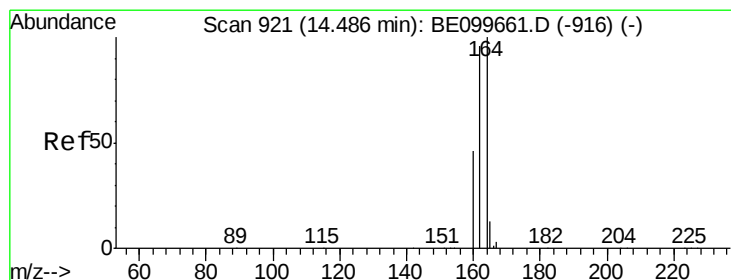
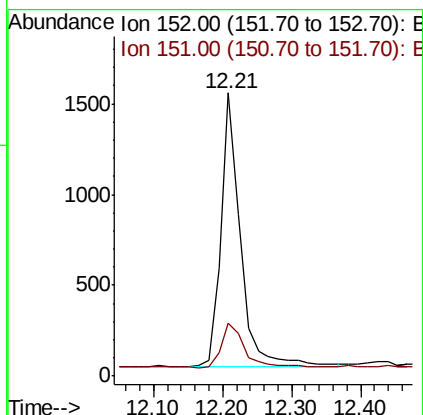
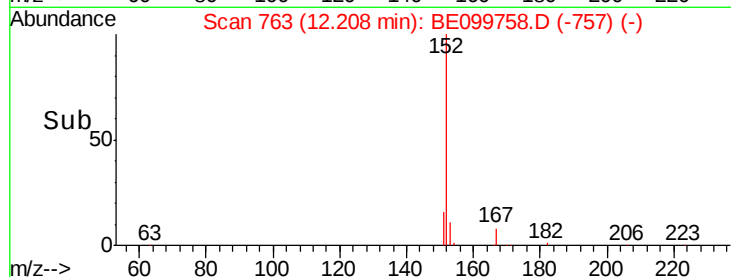
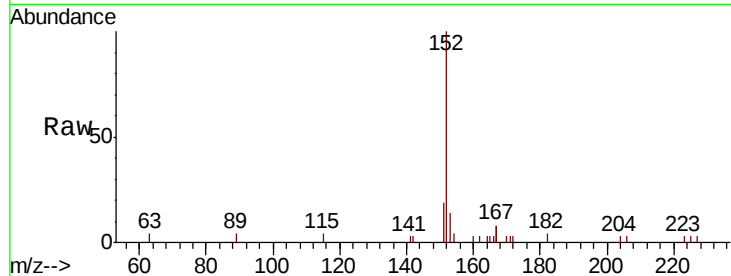




#11
 2-Methylnaphthalene-d10
 Concen: 0.425 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

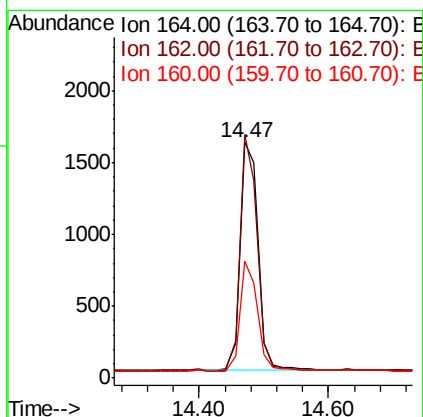
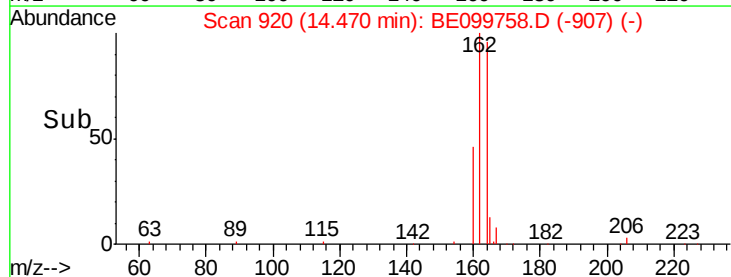
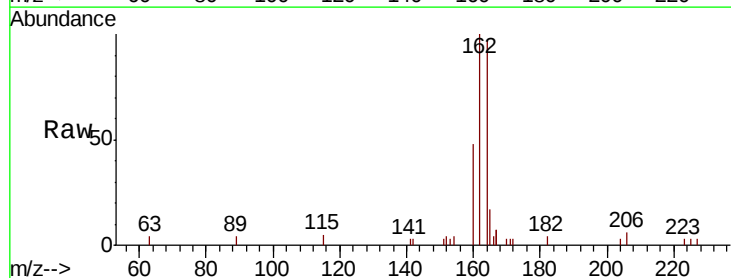
Instrument :
 BNA_E
 ClientSampleId :

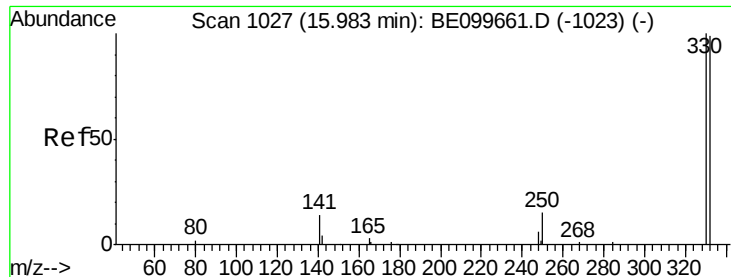
Tot Ion:152 Resp: 3000
 Ion Ratio Lower Upper
 152 100
 151 18.4 15.0 22.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

Tgt Ion:164 Resp: 3075
 Ion Ratio Lower Upper
 164 100
 162 103.3 76.5 114.7
 160 49.7 37.4 56.2

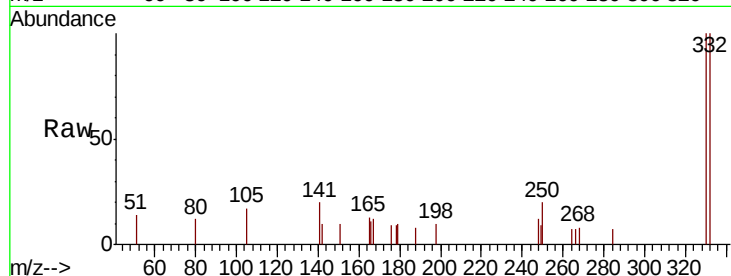




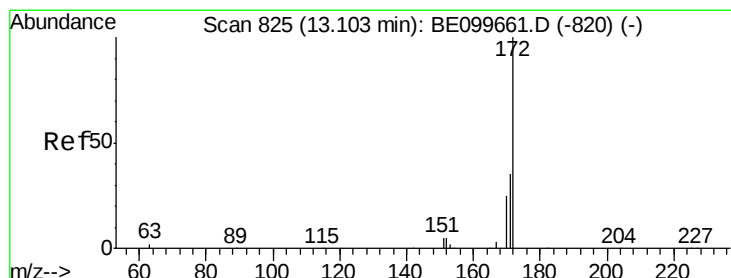
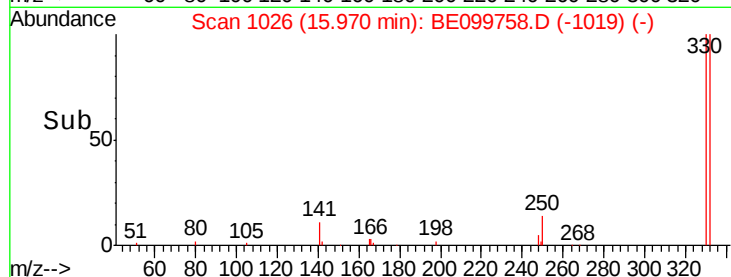
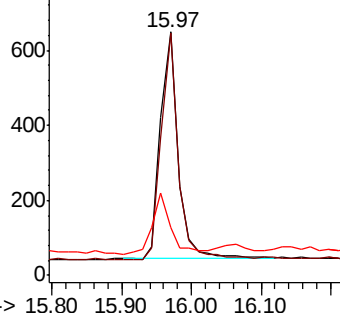
#14
 2,4,6-Tribromophenol
 Concen: 0.579 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1069
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.3 115.9
 141 27.3 18.9 28.3

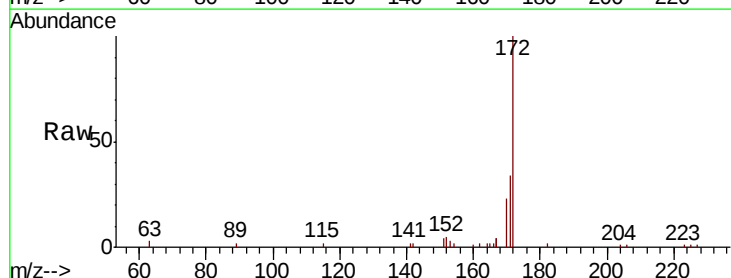


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

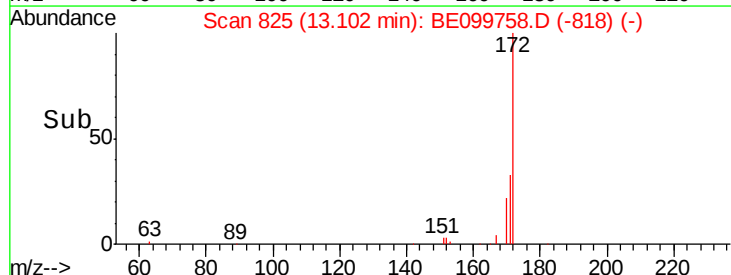
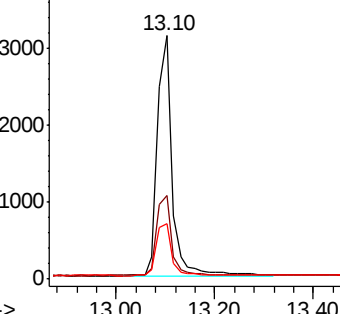


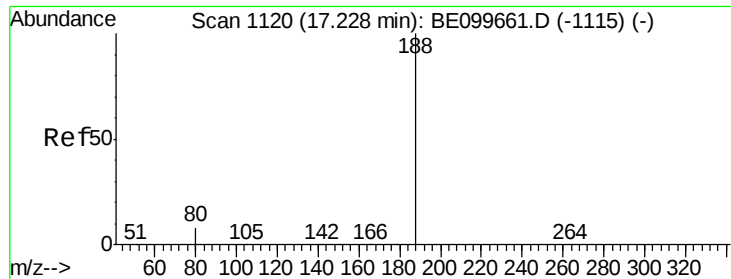
#15
 2-Fluorobiphenyl
 Concen: 0.546 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

Tgt Ion:172 Resp: 6373
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.7 43.1
 170 22.7 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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

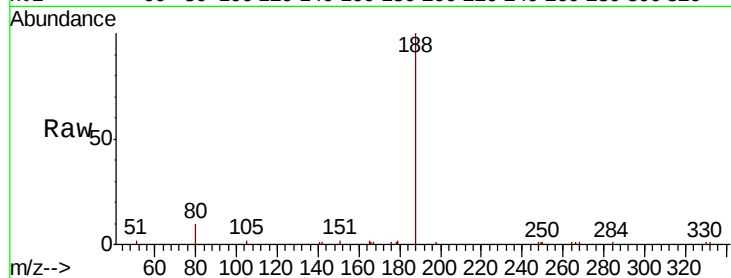
Tot Ion:188 Resp: 9831

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

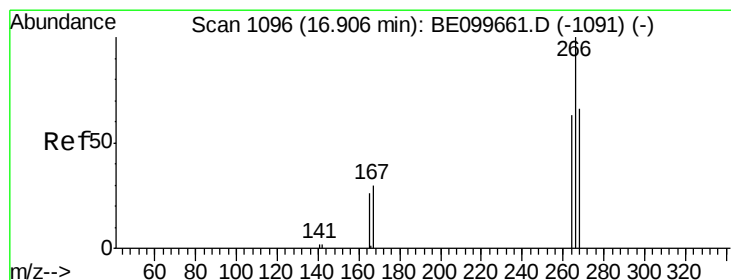
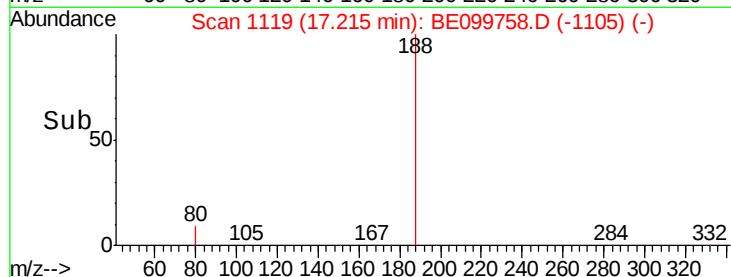
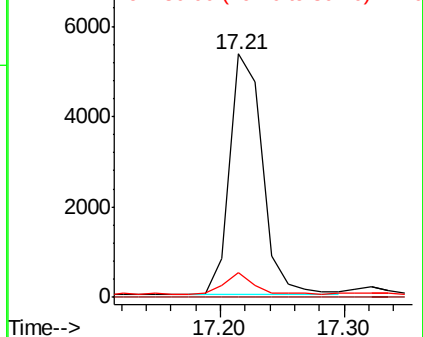
80 10.2 6.7 10.1#



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: 0.218 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

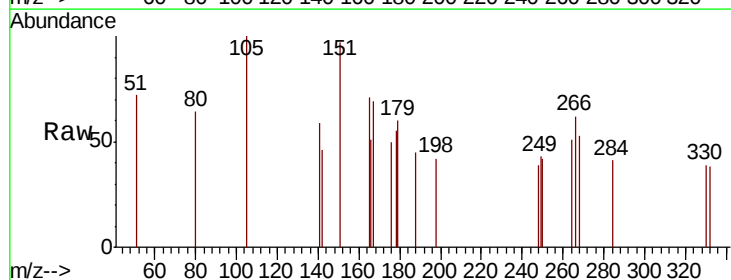
Tgt Ion:266 Resp: 65

Ion Ratio Lower Upper

266 100

264 83.3 57.2 85.8

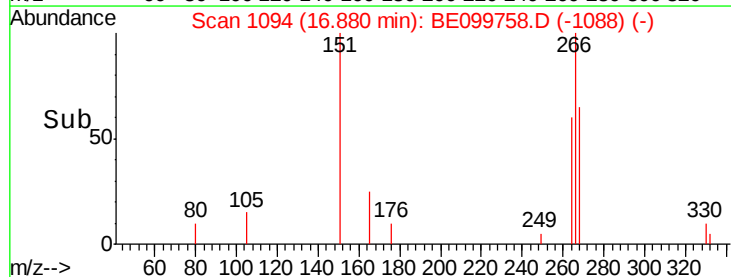
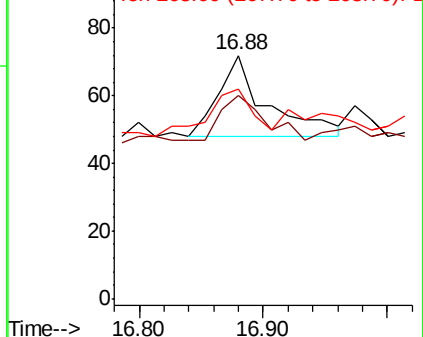
268 86.1 60.5 90.7

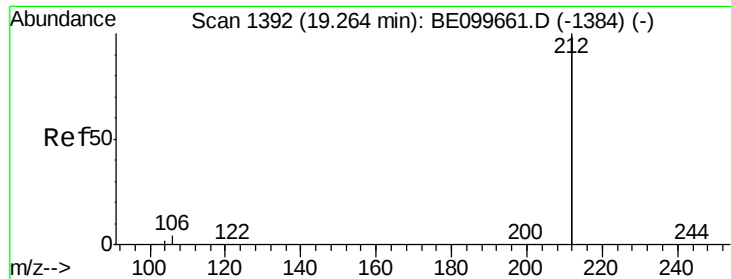


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.473 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

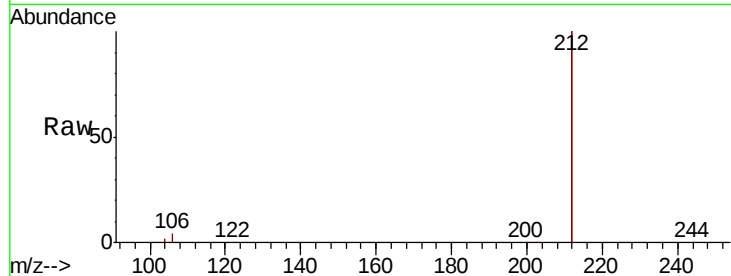
Tot Ion:212 Resp: 63591

Ion Ratio Lower Upper

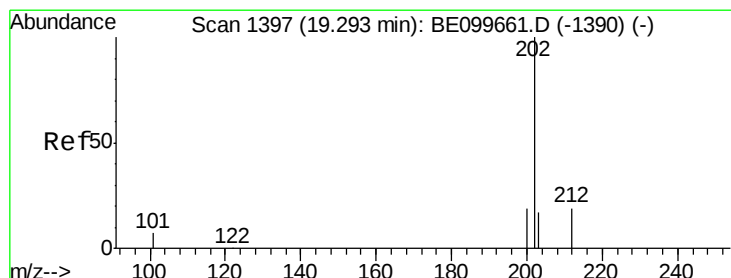
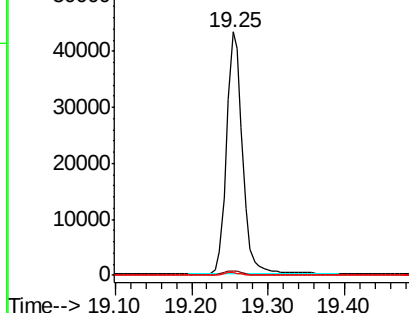
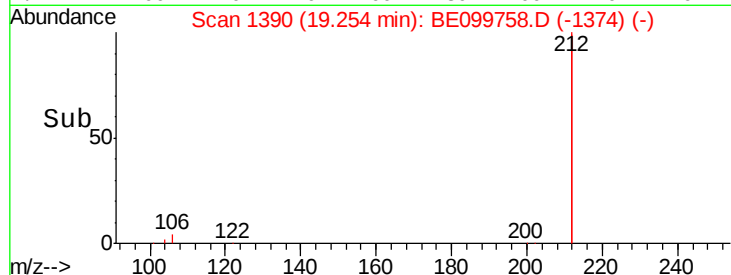
212 100

106 1.8 1.4 2.2

104 1.1 0.8 1.2



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



#26

Fluoranthene

Concen: 0.027 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

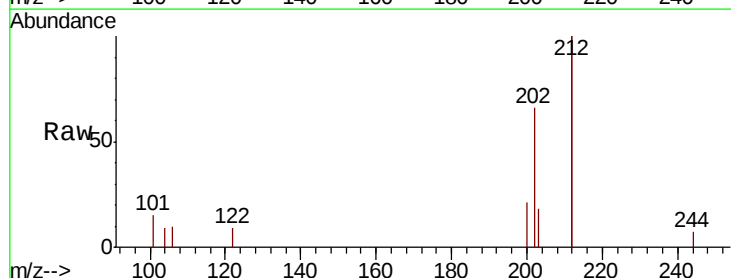
Tgt Ion:202 Resp: 1010

Ion Ratio Lower Upper

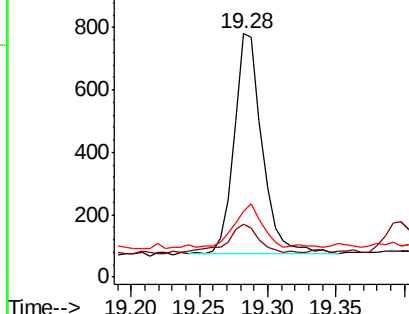
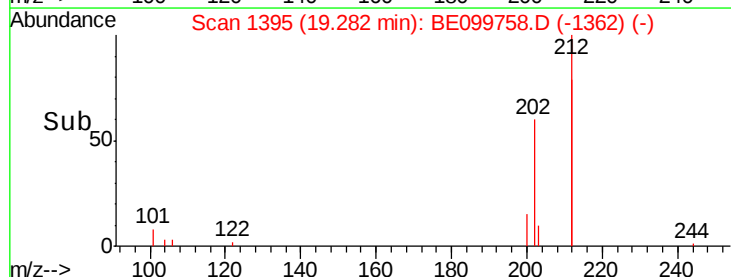
202 100

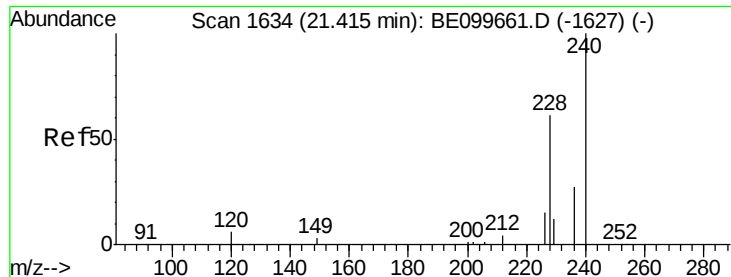
101 15.8 5.2 7.8#

203 19.5 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

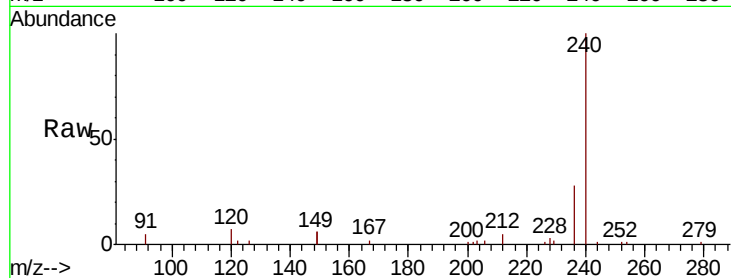




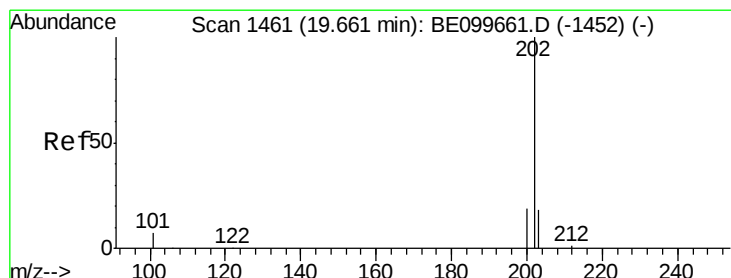
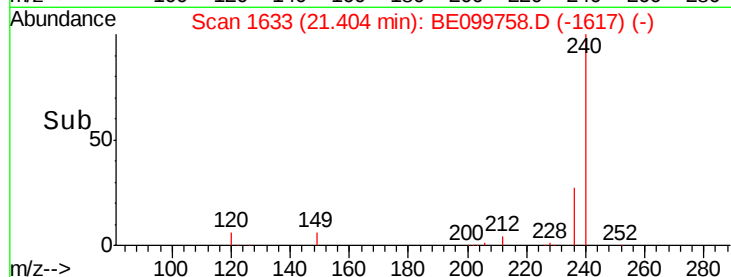
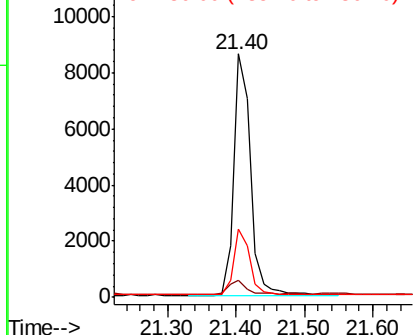
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 14645
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.4 8.0
 236 28.2 21.7 32.5

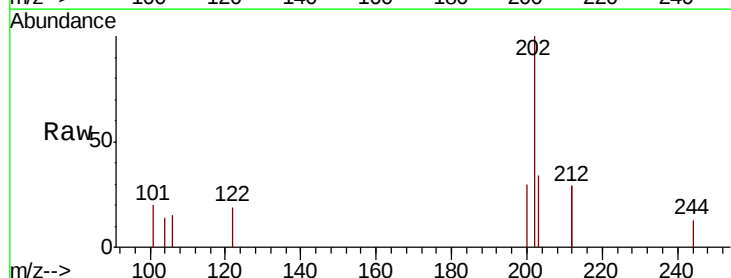


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

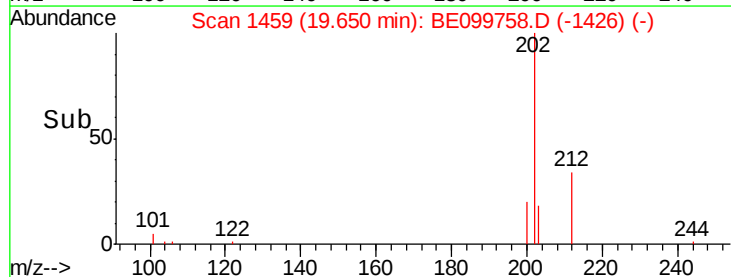
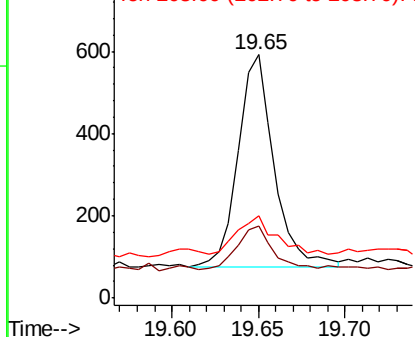


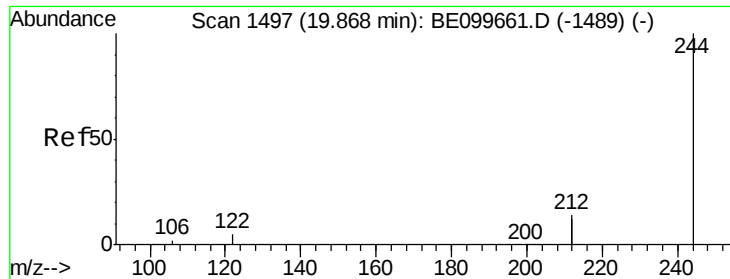
#28
 Pyrene
 Concen: 0.020 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

Tgt Ion:202 Resp: 739
 Ion Ratio Lower Upper
 202 100
 200 21.2 15.4 23.2
 203 20.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.757 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

Instrument :

BNA_E

ClientSampleId :

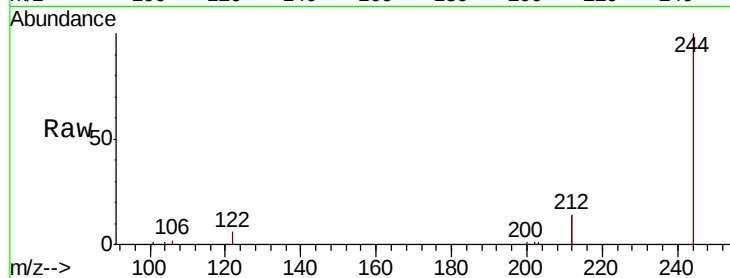
Tot Ion:244 Resp: 19779

Ion Ratio Lower Upper

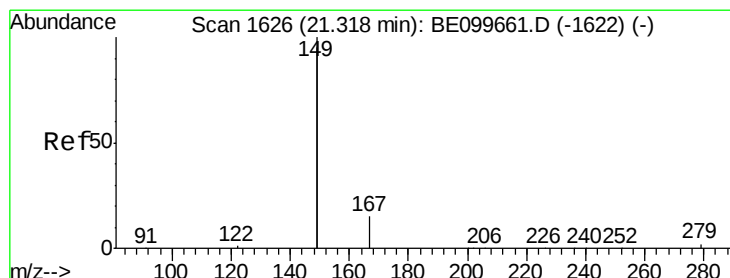
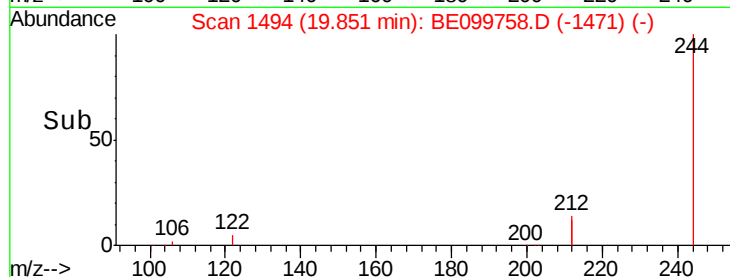
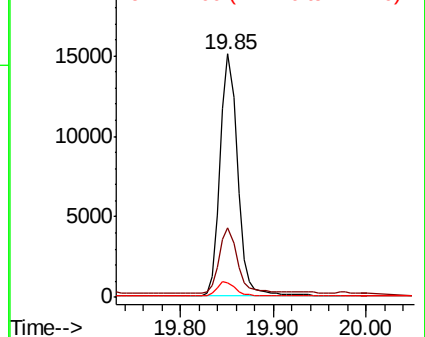
244 100

212 28.6 22.5 33.7

122 6.1 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099758.D

Acq: 28 May 2019 15:53

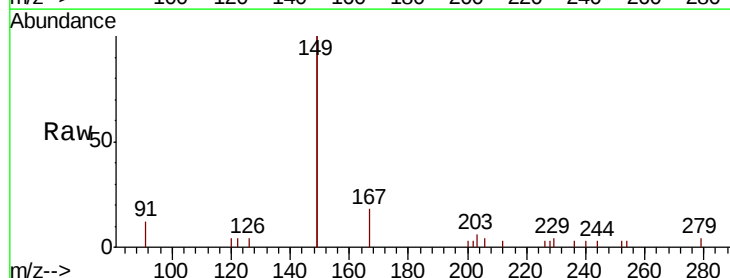
Tgt Ion:149 Resp: 6092

Ion Ratio Lower Upper

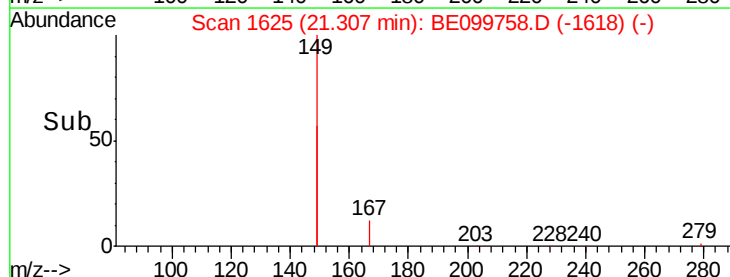
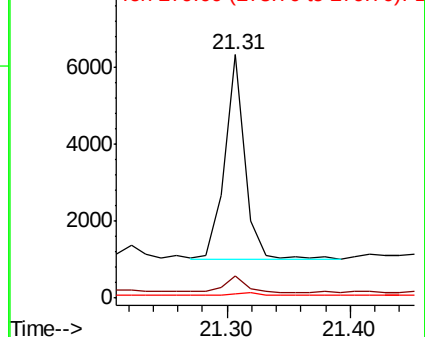
149 100

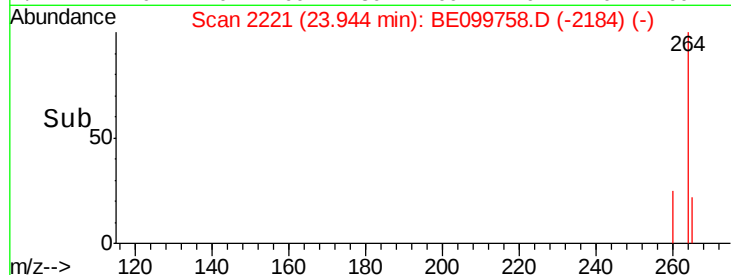
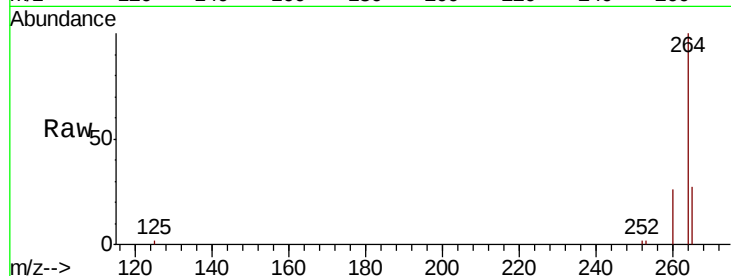
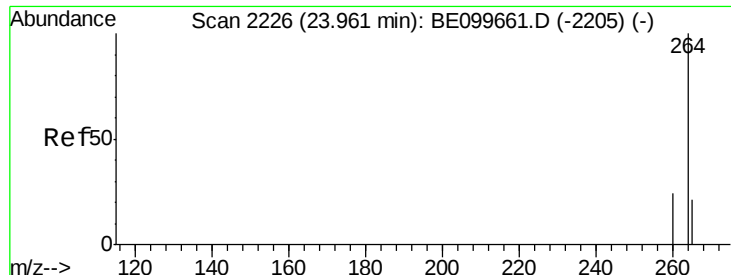
167 9.2 6.2 9.4

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
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BE099758.D
 Acq: 28 May 2019 15:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	25.8	19.6	29.4	
265	26.6	19.1	28.7	

