

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050819\
 Data File : BE099577.D
 Acq On : 8 May 2019 11:53
 Operator : JU/SJ
 Sample : PB119274BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 08 17:06:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

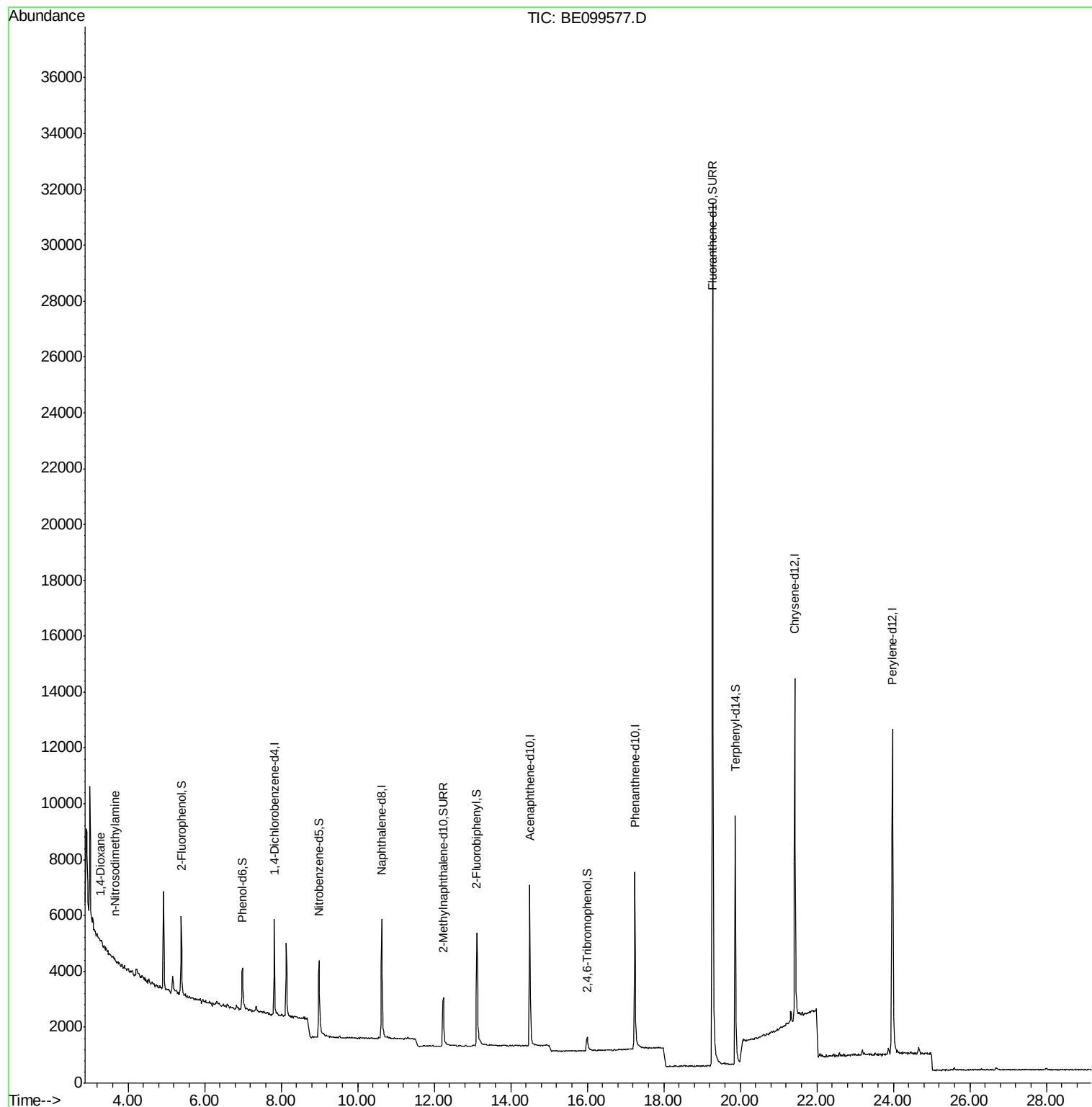
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1828	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6184	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4229	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11711	0.40	ng	0.00
27) Chrysene-d12	21.43	240	15543	0.40	ng	0.00
34) Perylene-d12	23.98	264	19103	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1717	0.34	ng	0.00
5) Phenol-d6	6.99	99	2266	0.34	ng	0.00
8) Nitrobenzene-d5	8.99	82	1638	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	3415	0.32	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	569	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5159	0.32	ng	0.00
25) Fluoranthene-d10	19.28	212	50450	0.32	ng	0.00
29) Terphenyl-d14	19.87	244	10416	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	84	0.033	ng	# 30
3) n-Nitrosodimethylamine	3.67	42	61	0.036	ng	# 1

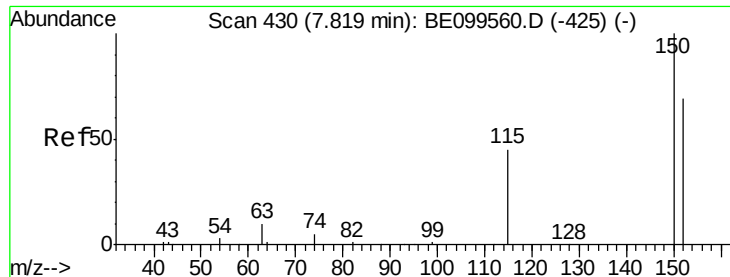
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:10:11 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

Instrument :

BNA_E

ClientSampleId :

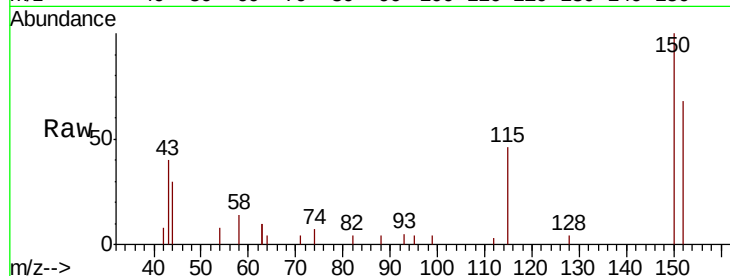
Tot Ion:152 Resp: 1828

Ion Ratio Lower Upper

152 100

150 146.8 113.8 170.6

115 67.2 54.2 81.2

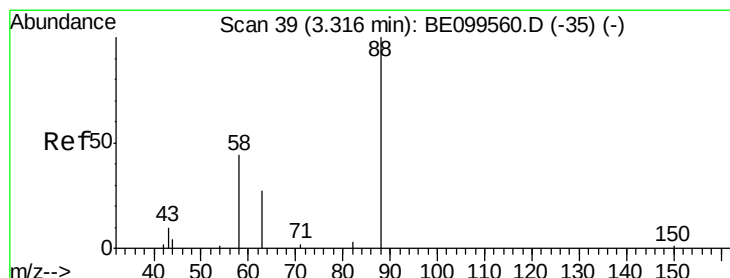
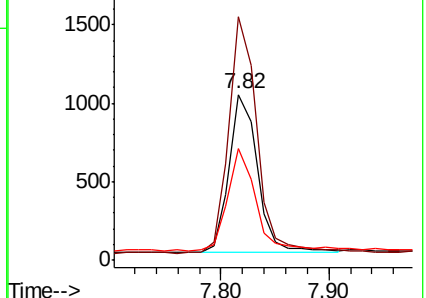
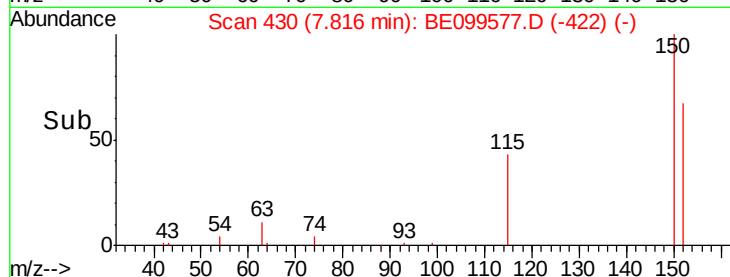


Abundance

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: 0.033 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.04 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

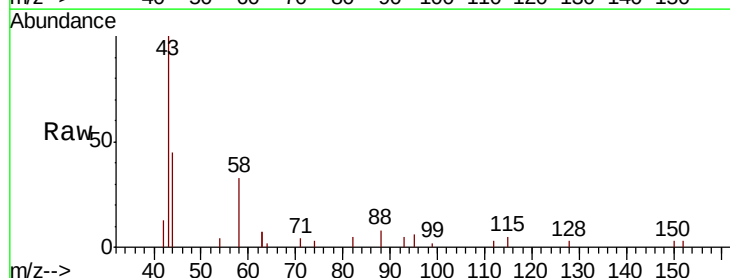
Tgt Ion: 88 Resp: 84

Ion Ratio Lower Upper

88 100

58 0.0 46.6 69.8#

43 0.0 20.3 30.5#

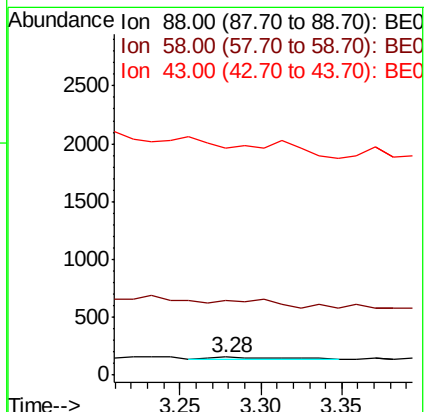
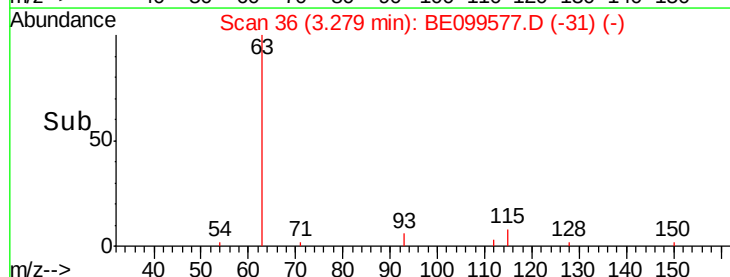


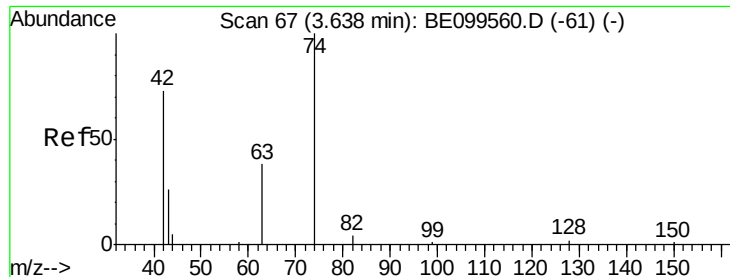
Abundance

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: 0.036 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.03 min

Lab File: BE099577.D

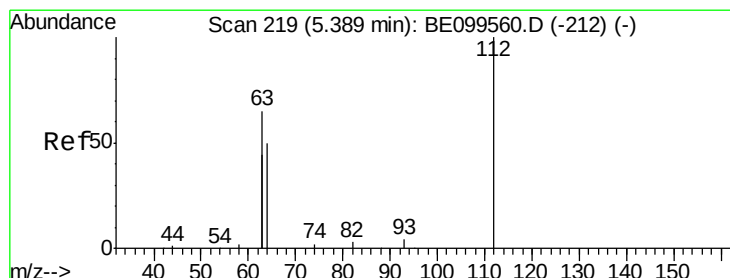
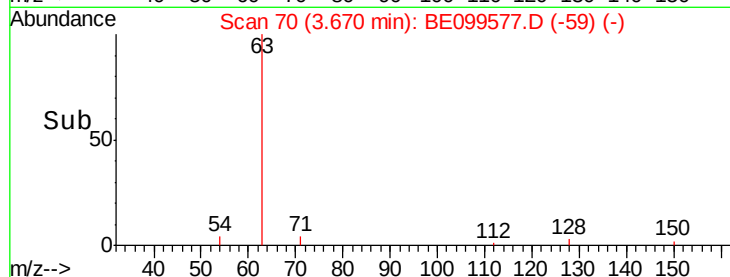
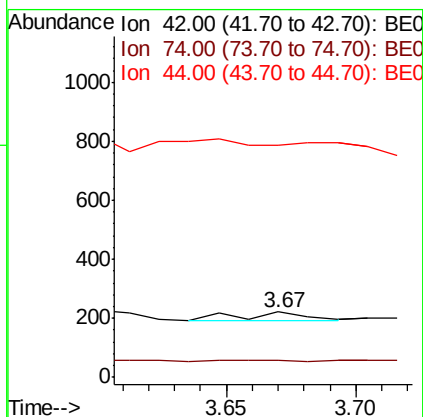
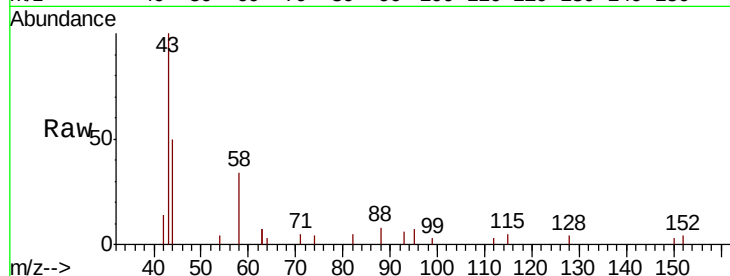
Acq: 8 May 2019 11:53

Instrument :

BNA_E

ClientSampled :

Tot Ion:	42	Resp:	61
Ion	Ratio	Lower	Upper
42	100		
74	0.0	121.3	181.9#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.339 ng

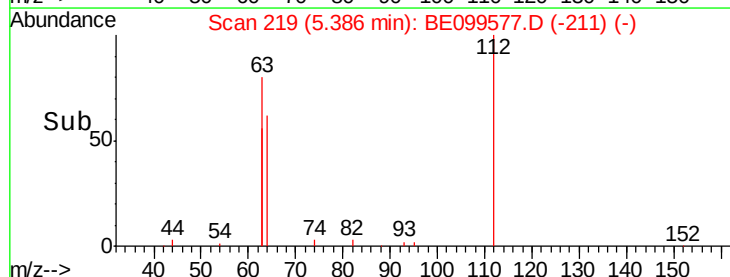
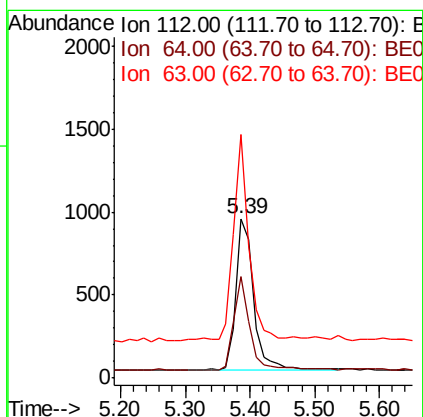
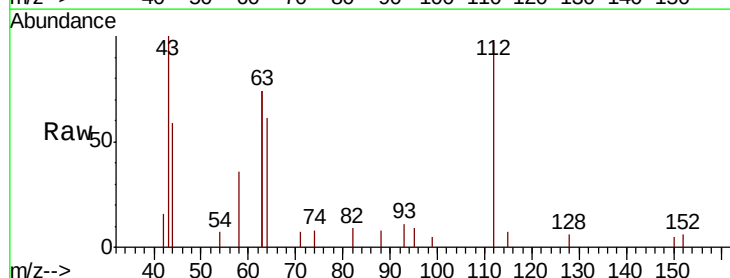
RT: 5.39 min Scan# 219

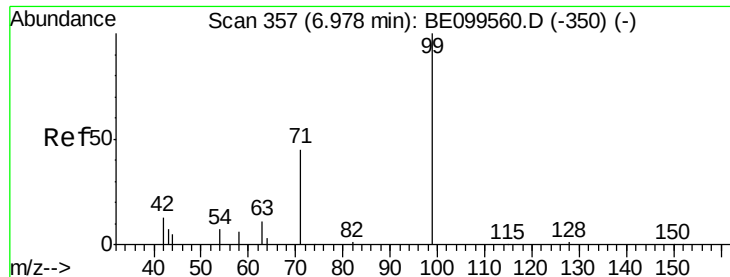
Delta R.T. -0.00 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

Tgt Ion:	112	Resp:	1717
Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.3	69.5
63	114.0	99.6	149.4





#5

Phenol-d6

Concen: 0.340 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

Instrument :

BNA_E

ClientSampleId :

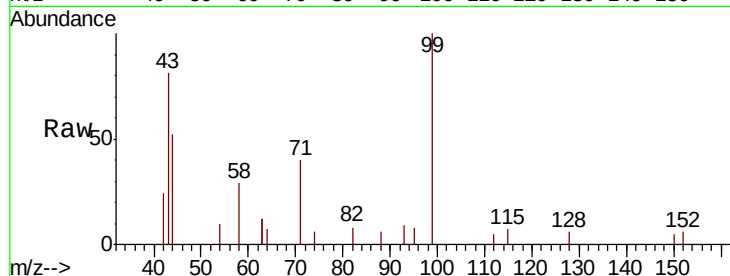
Tot Ion: 99 Resp: 2266

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.0

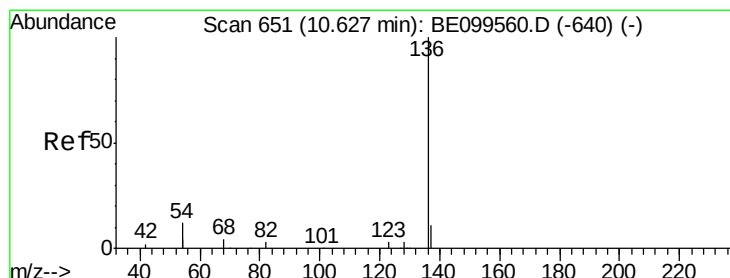
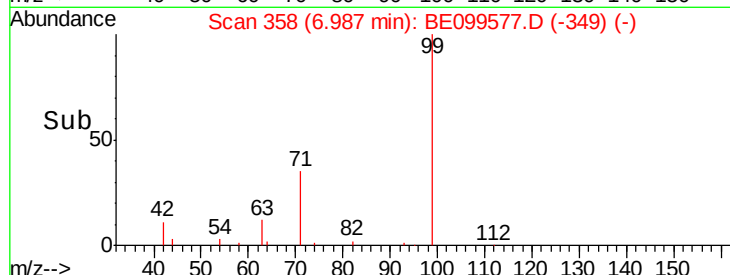
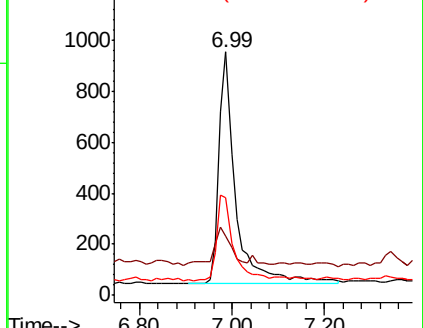
71 39.8 34.2 51.2



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

Tgt Ion: 136 Resp: 6184

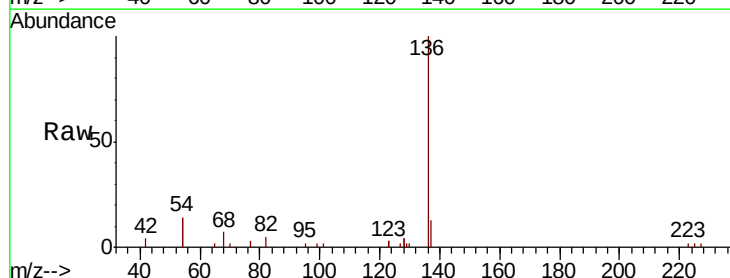
Ion Ratio Lower Upper

136 100

137 12.5 10.0 15.0

54 27.6 18.6 28.0

68 6.9 4.6 6.8#

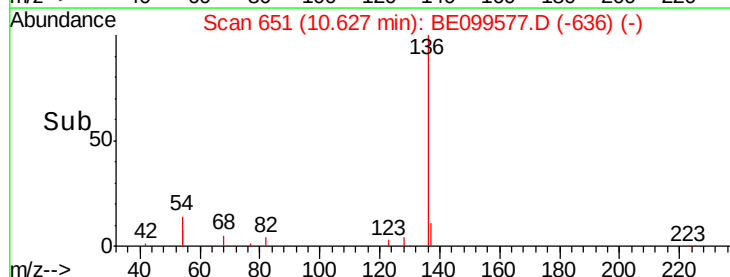
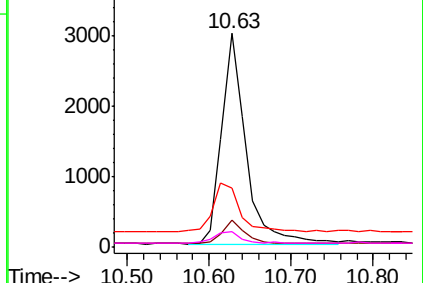


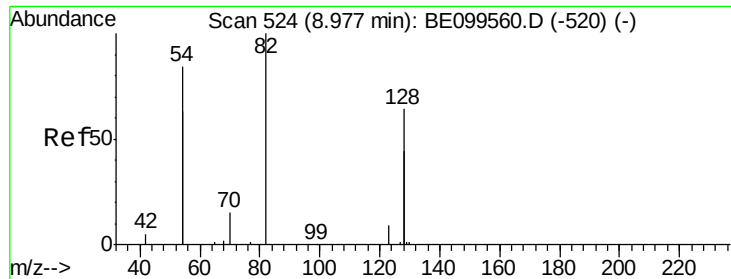
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.275 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

Instrument :

BNA_E

ClientSampleId :

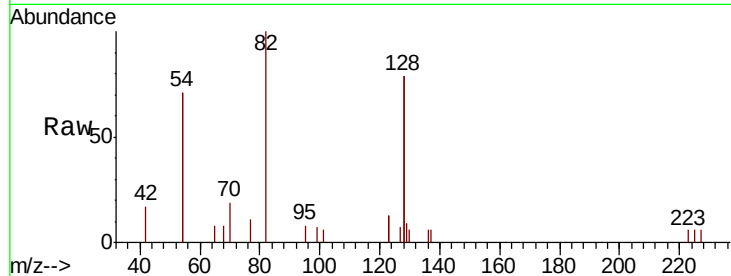
Tot Ion: 82 Resp: 1638

Ion Ratio Lower Upper

82 100

128 158.7 97.6 146.4#

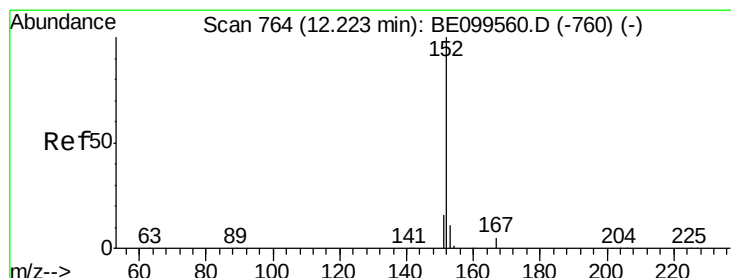
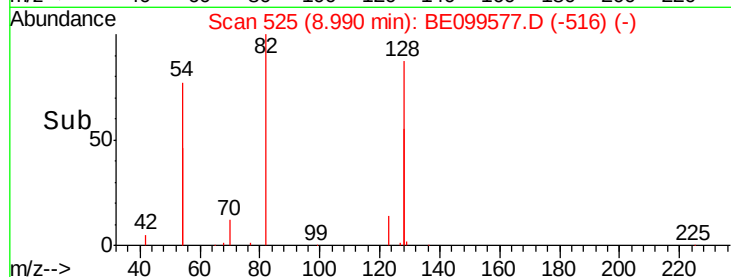
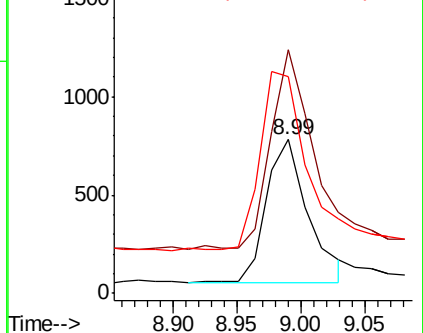
54 141.0 127.4 191.2



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: 0.317 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE099577.D

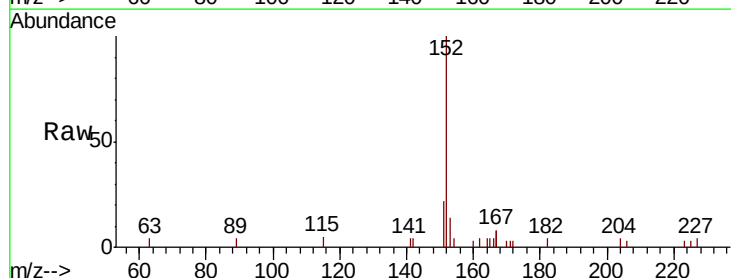
Acq: 8 May 2019 11:53

Tgt Ion: 152 Resp: 3415

Ion Ratio Lower Upper

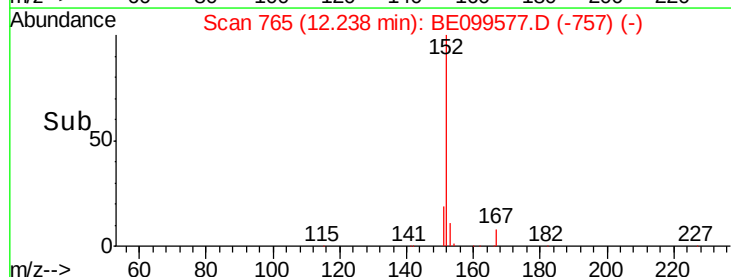
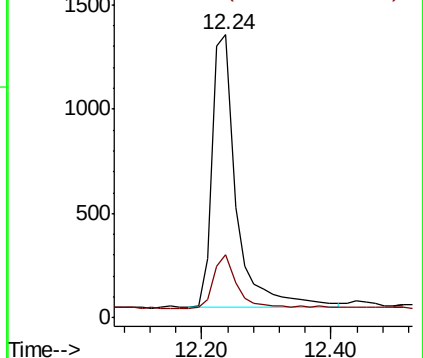
152 100

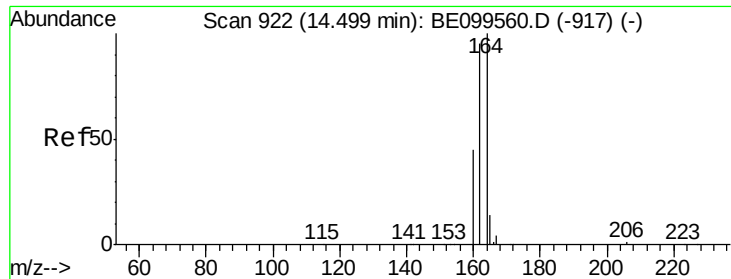
151 18.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

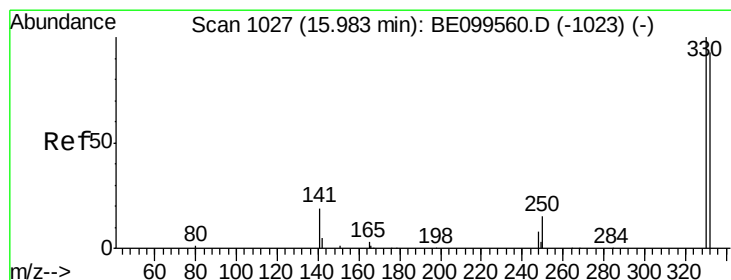
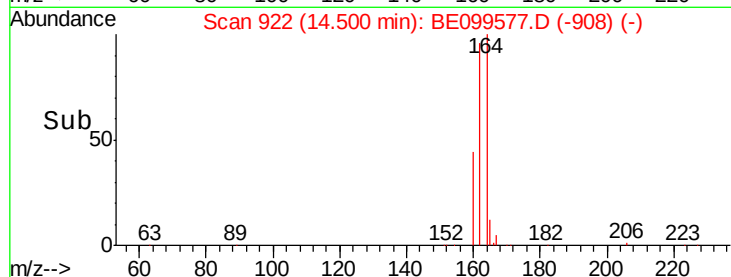
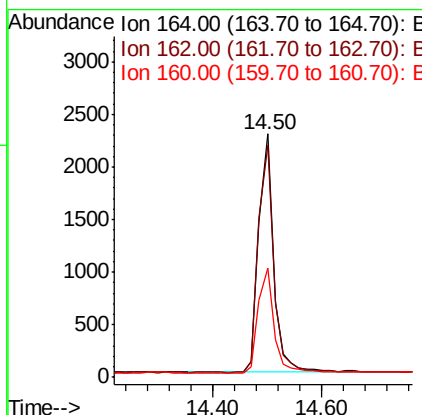
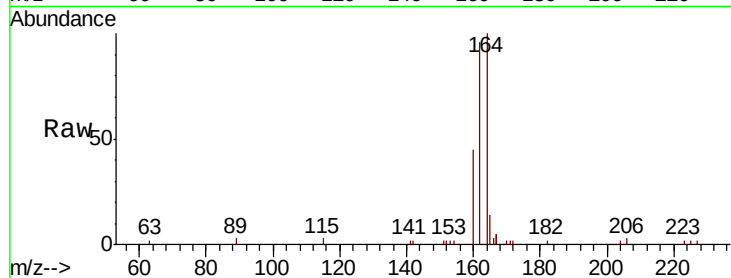




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099577.D
 Acq: 8 May 2019 11:53

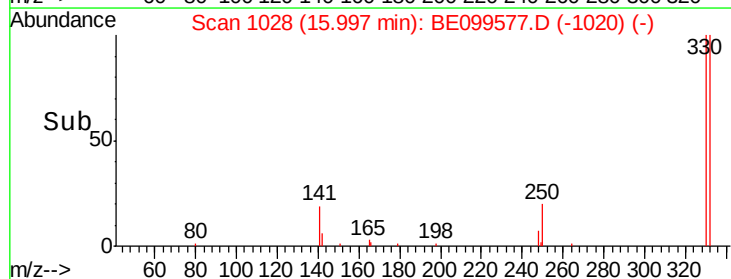
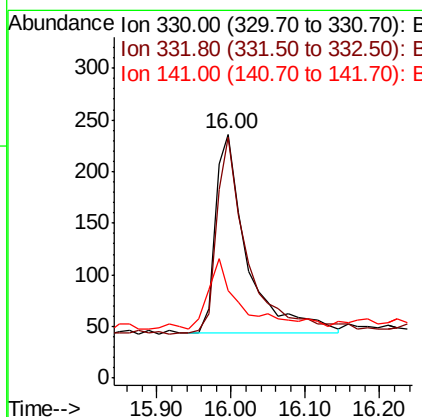
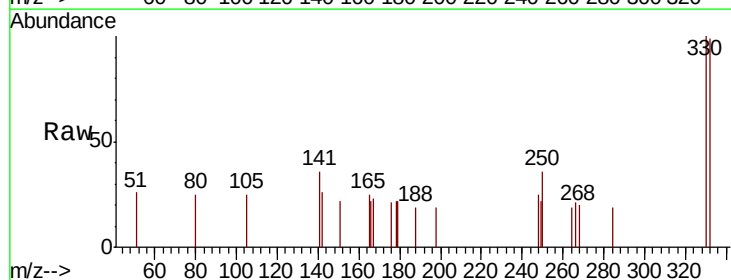
Instrument :
 BNA_E
 ClientSampleId :

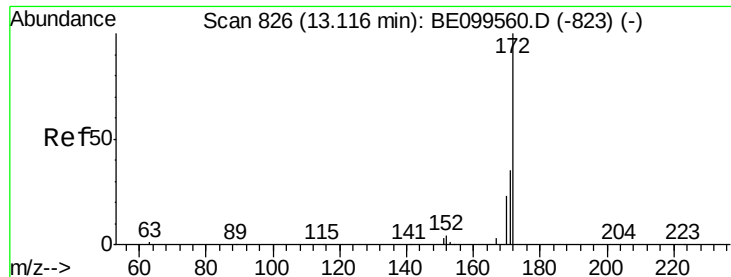
Tot Ion:164 Resp: 4229
 Ion Ratio Lower Upper
 164 100
 162 95.5 76.4 114.6
 160 45.1 36.6 55.0



#14
 2,4,6-Tribromophenol
 Concen: 0.202 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE099577.D
 Acq: 8 May 2019 11:53

Tgt Ion:330 Resp: 569
 Ion Ratio Lower Upper
 330 100
 332 103.2 77.7 116.5
 141 36.7 26.1 39.1

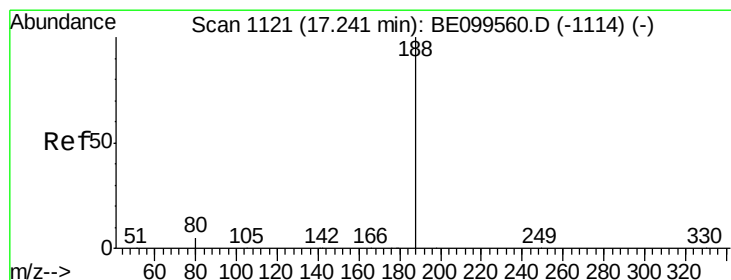
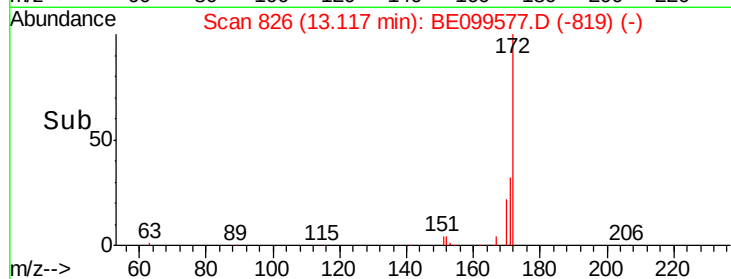
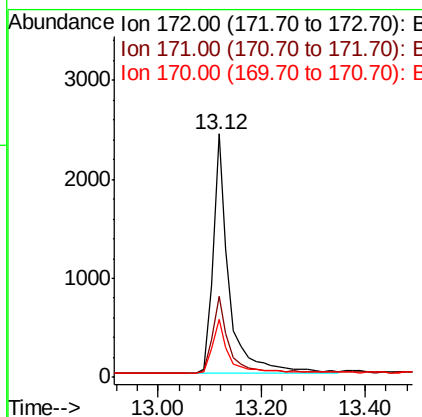
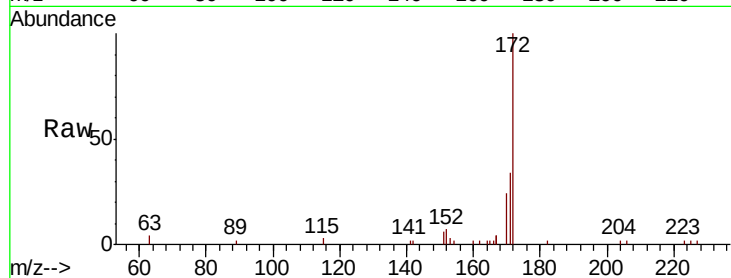




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099577.D
Acq: 8 May 2019 11:53

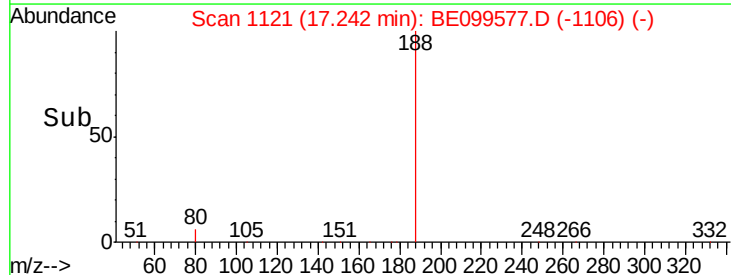
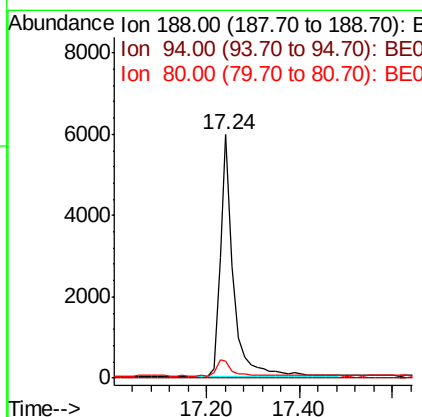
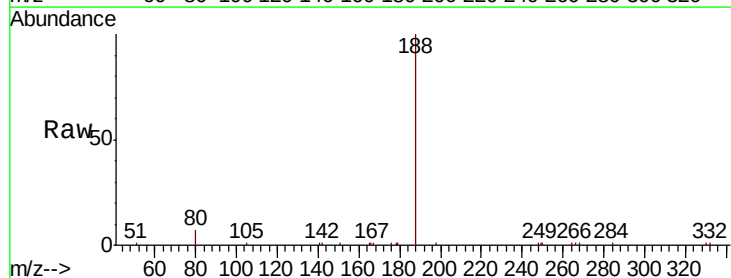
Instrument :
BNA_E
ClientSampleId :

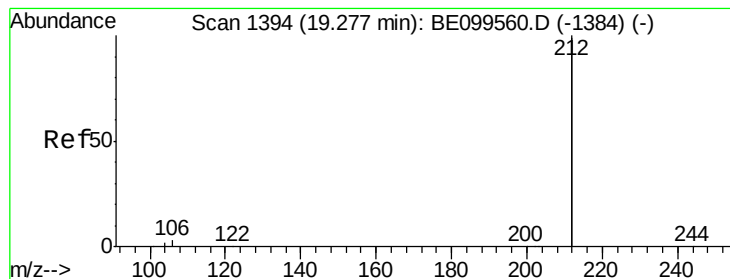
Tot Ion:172 Resp: 5159
Ion Ratio Lower Upper
172 100
171 33.5 28.4 42.6
170 24.0 18.8 28.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099577.D
Acq: 8 May 2019 11:53

Tgt Ion:188 Resp: 11711
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 4.6 7.0





#25

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

Instrument :

BNA_E

ClientSampleId :

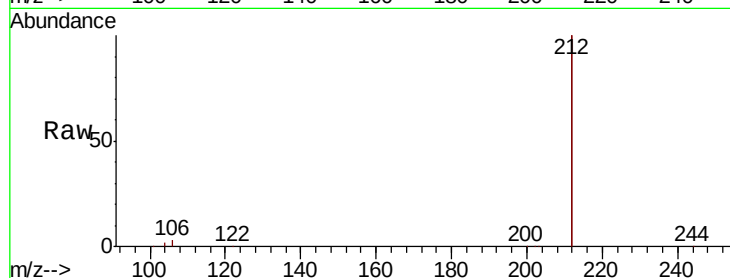
Tot Ion:212 Resp: 50450

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

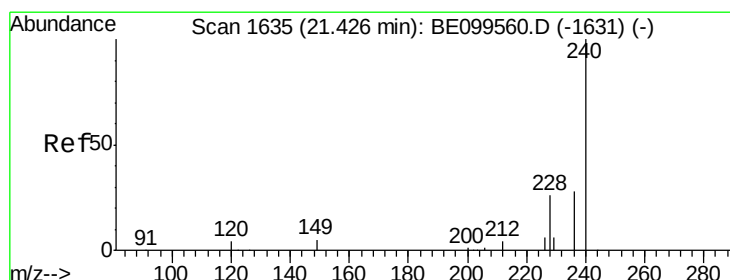
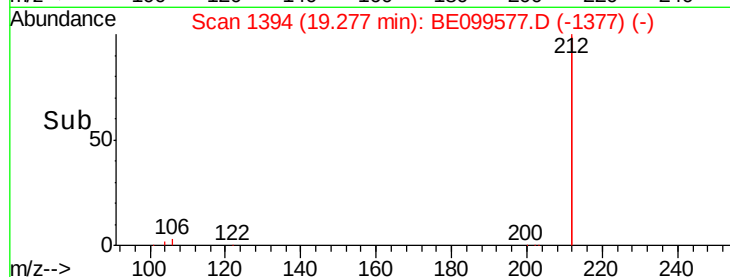
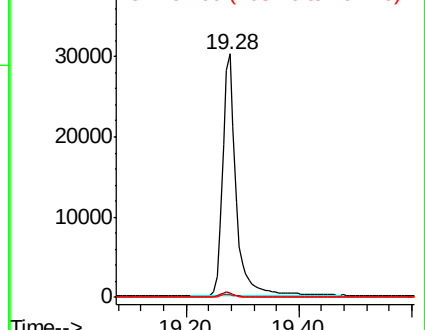
104 1.1 0.8 1.2



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

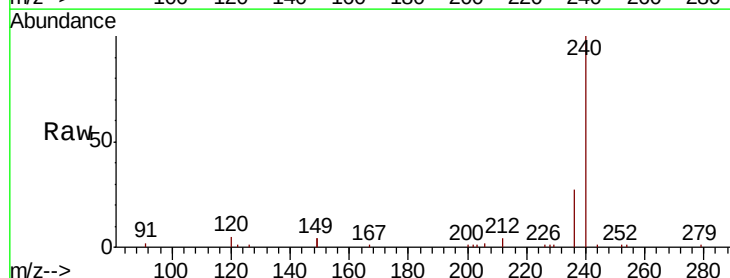
Tgt Ion:240 Resp: 15543

Ion Ratio Lower Upper

240 100

120 4.9 3.8 5.6

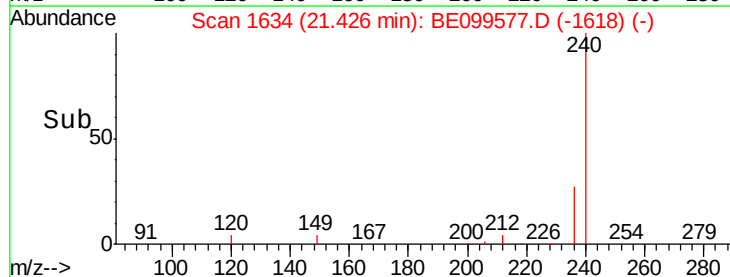
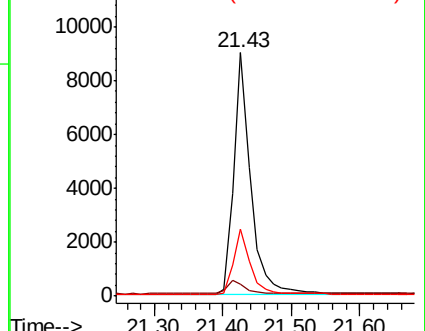
236 27.5 22.5 33.7

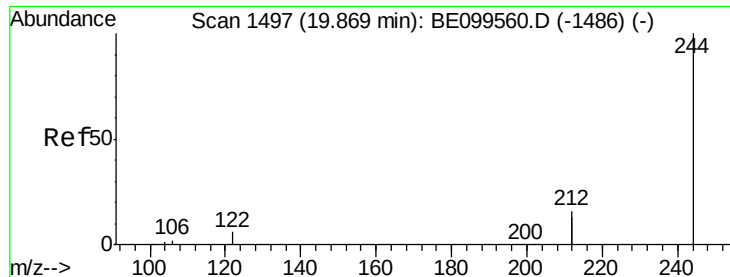


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.362 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

Instrument :

BNA_E

ClientSampleId :

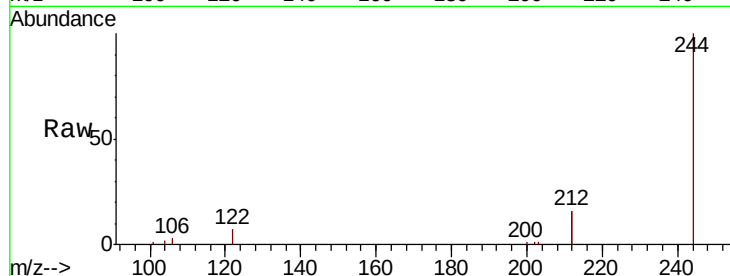
Tot Ion:244 Resp: 10416

Ion Ratio Lower Upper

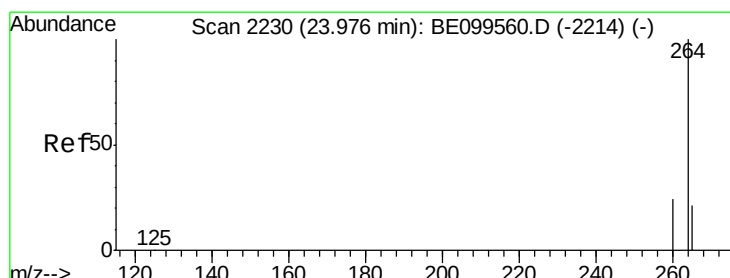
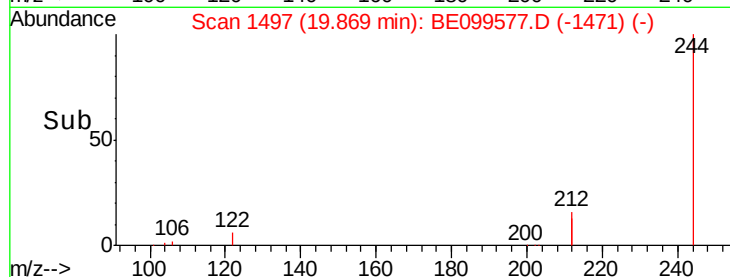
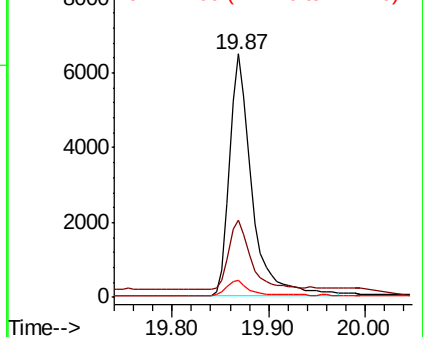
244 100

212 31.8 24.6 37.0

122 6.9 5.0 7.6



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

Perylene-d12

Concen: 0.400 ng

RT: 23.98 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BE099577.D

Acq: 8 May 2019 11:53

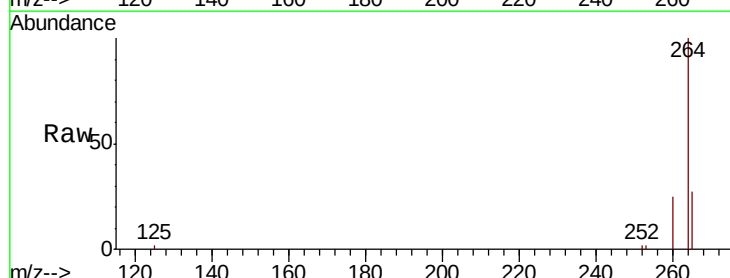
Tgt Ion:264 Resp: 19103

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

265 27.4 22.2 33.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

