

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052119\
 Data File : BE099690.D
 Acq On : 21 May 2019 15:42
 Operator : JU/SJ
 Sample : SP4743
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 21 16:21:48 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

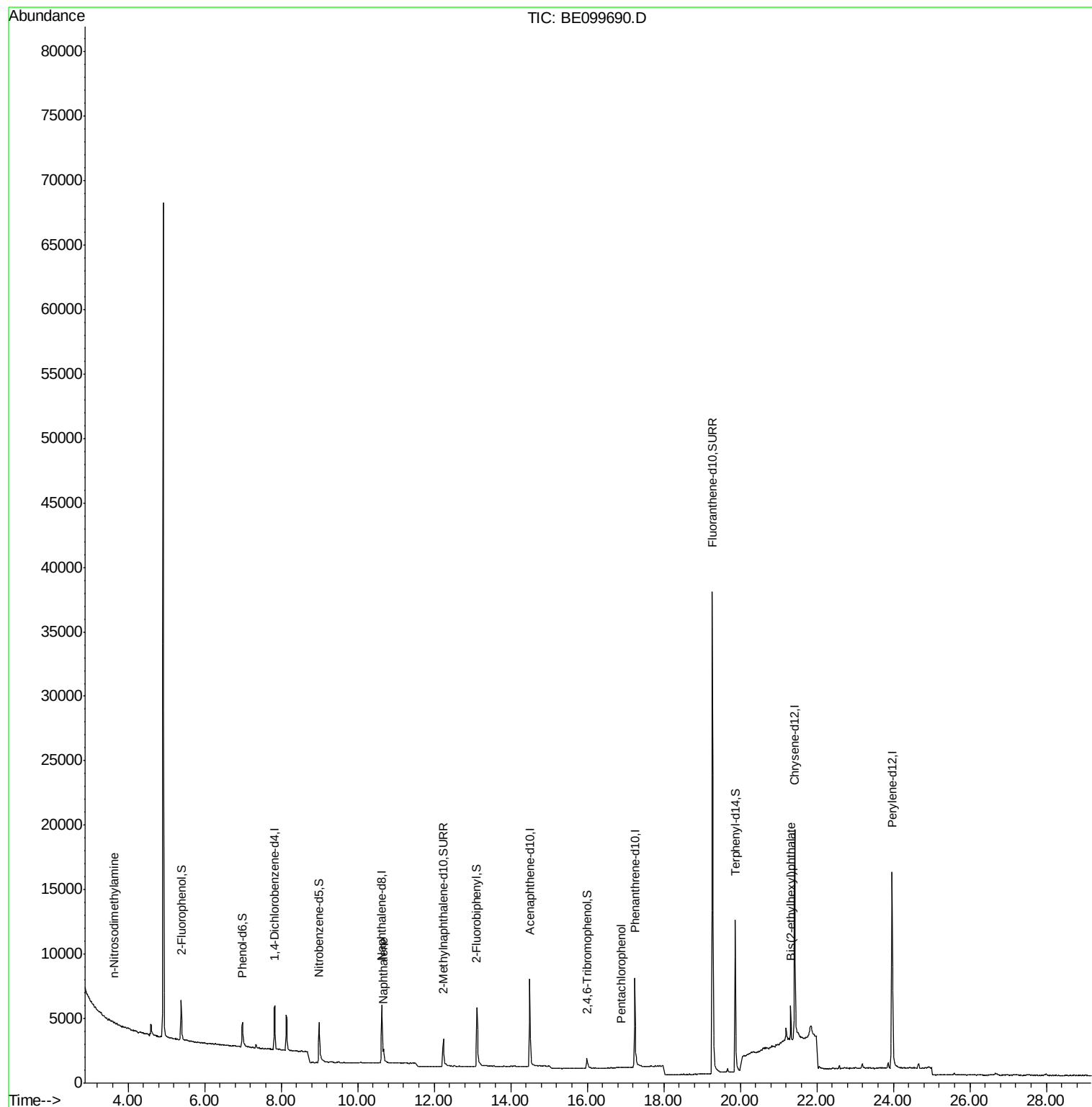
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2055	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	6952	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	4633	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	12534	0.40	ng	0.01
27) Chrysene-d12	21.43	240	20812	0.40	ng	0.01
34) Perylene-d12	23.97	264	24579	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2027	0.39	ng	0.01
5) Phenol-d6	6.99	99	2660	0.39	ng	0.01
8) Nitrobenzene-d5	8.99	82	1863	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	3926	0.33	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	844	0.37	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5882	0.33	ng	0.01
25) Fluoranthene-d10	19.27	212	59836	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	13260	0.36	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.63	42	48	0.029	ng	# 1
9) Naphthalene	10.68	128	1626	0.022	ng	# 86
22) Pentachlorophenol	16.89	266	9	0.185	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.32	149	2858	0.042	ng	# 99

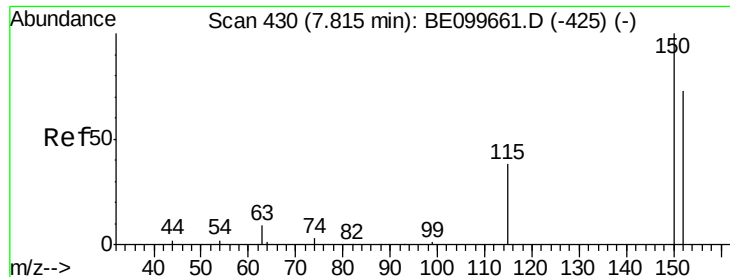
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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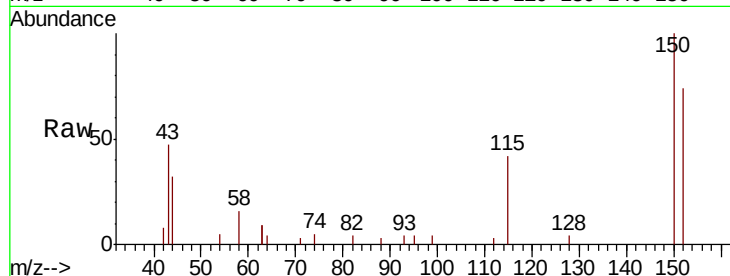


#1

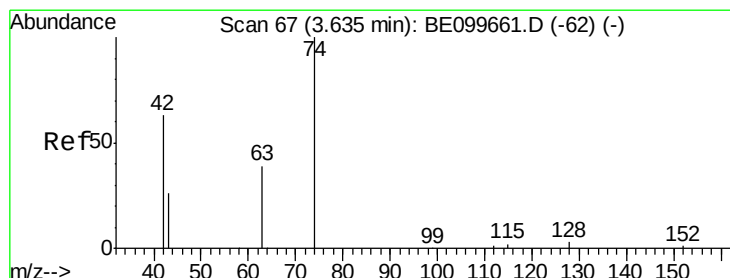
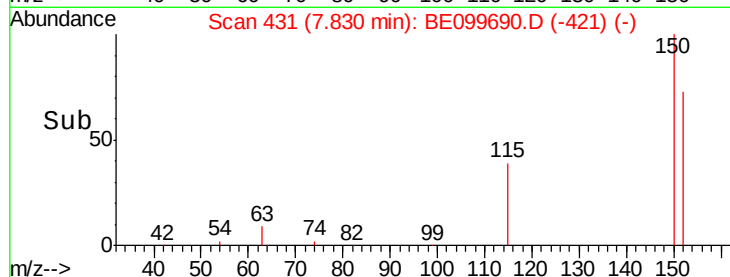
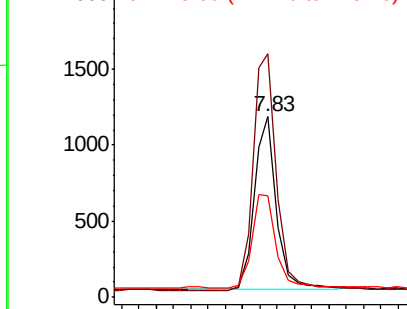
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099690.D
Acq: 21 May 2019 15:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2055
Ion Ratio Lower Upper
152 100
150 134.8 109.2 163.8
115 56.0 43.7 65.5



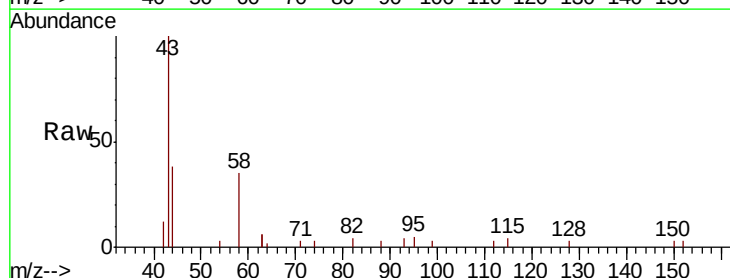
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



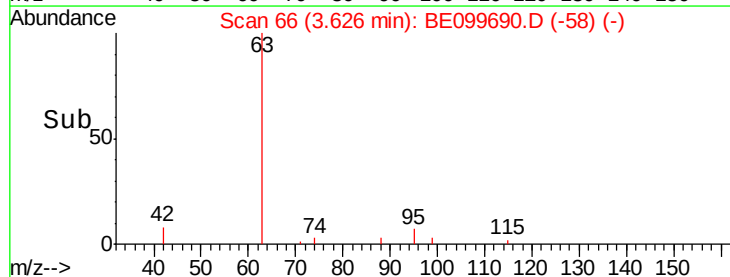
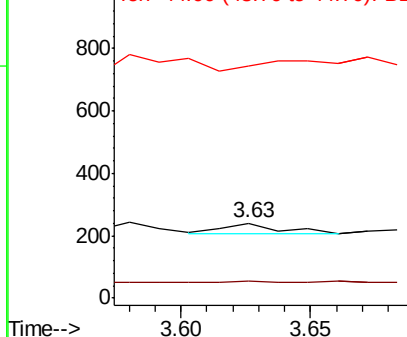
#3

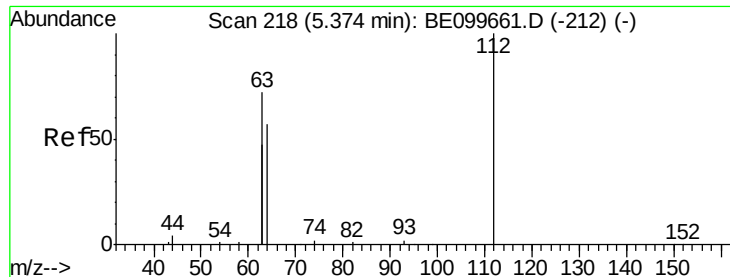
n-Nitrosodimethylamine
Concen: 0.029 ng
RT: 3.63 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE099690.D
Acq: 21 May 2019 15:42

Tgt Ion: 42 Resp: 48
Ion Ratio Lower Upper
42 100
74 6.3 129.2 193.8#
44 145.8 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: 0.390 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

Instrument :

BNA_E

ClientSampleId :

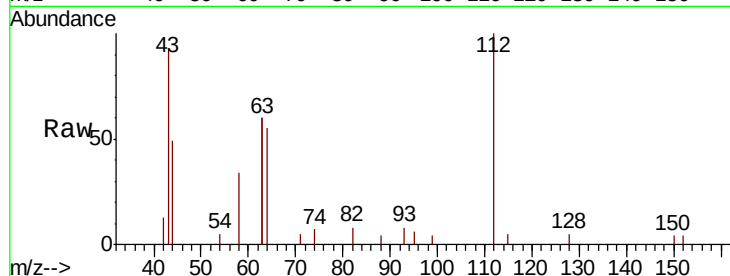
Tot Ion:112 Resp: 2027

Ion Ratio Lower Upper

112 100

64 55.7 43.4 65.2

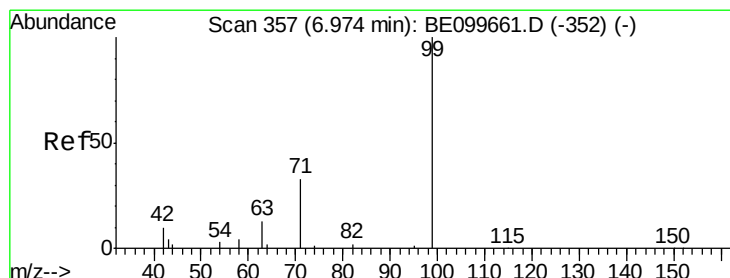
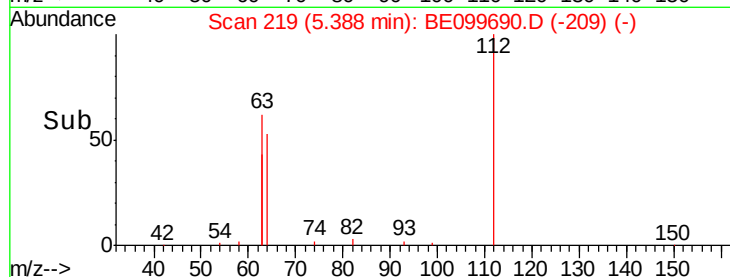
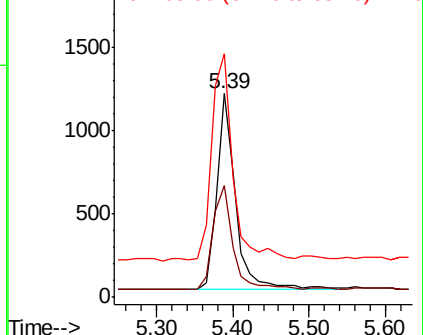
63 119.8 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.387 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

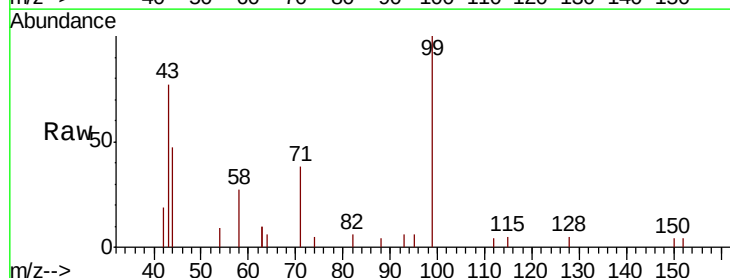
Tgt Ion: 99 Resp: 2660

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

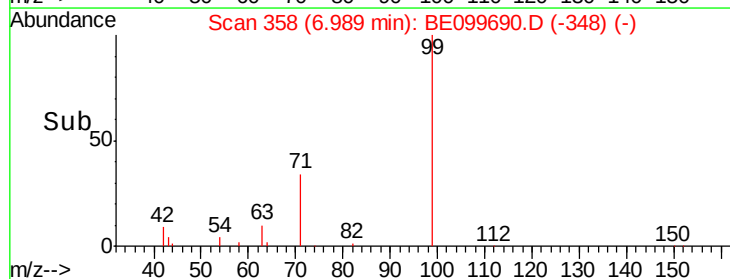
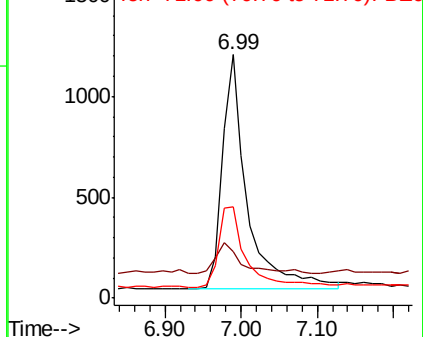
71 37.6 28.9 43.3

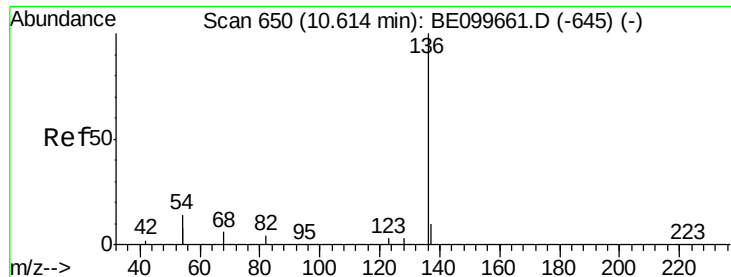


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 6952

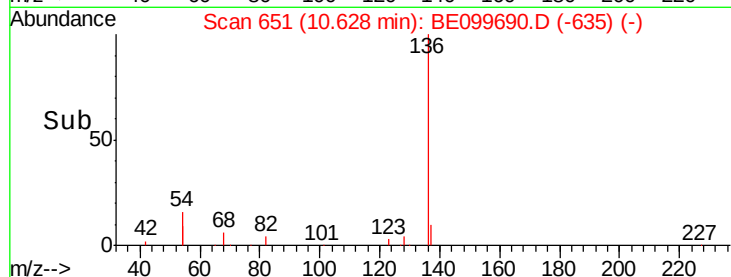
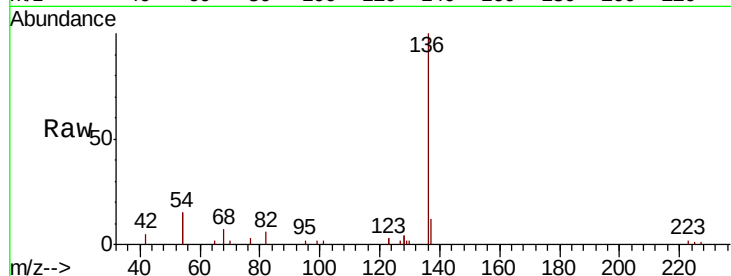
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 30.9 22.3 33.5

68 7.4 6.0 9.0

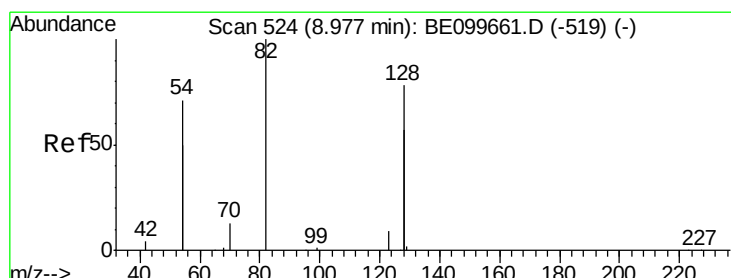
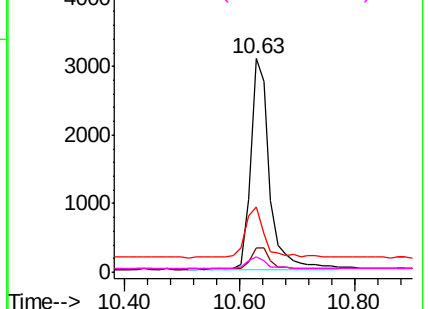


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.310 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

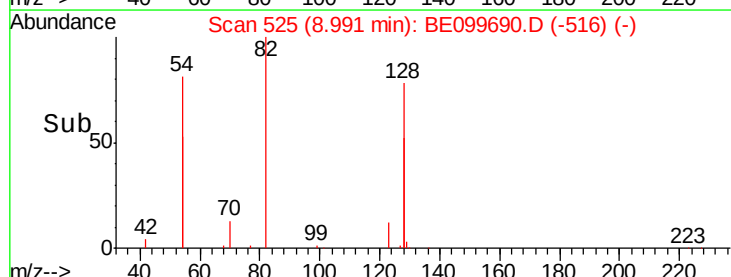
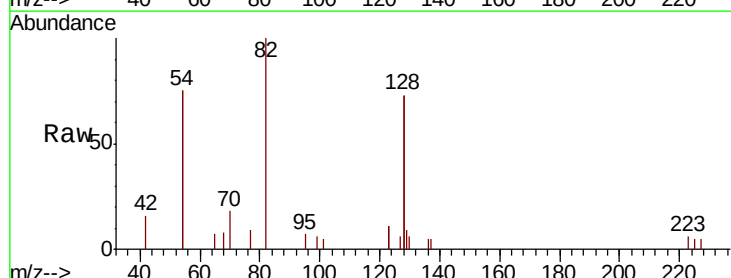
Tgt Ion: 82 Resp: 1863

Ion Ratio Lower Upper

82 100

128 146.3 117.7 176.5

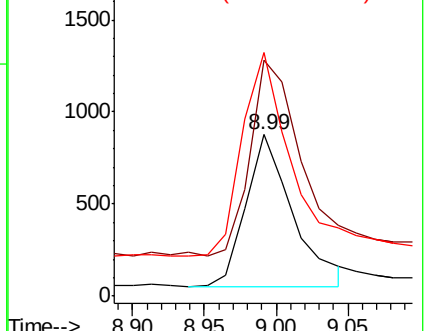
54 150.9 106.6 160.0

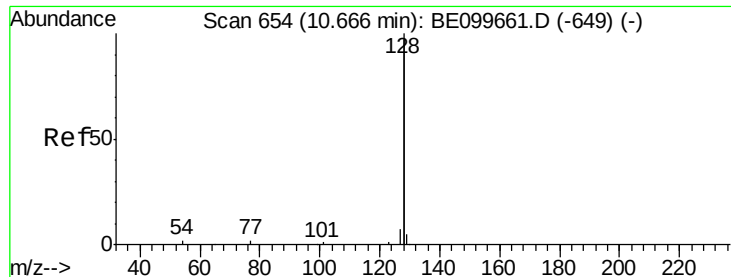


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.022 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

Instrument :

BNA_E

ClientSampleId :

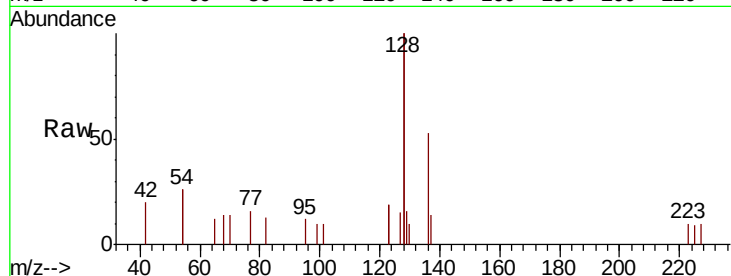
Tot Ion:128 Resp: 1626

Ion Ratio Lower Upper

128 100

129 8.1 2.4 3.6#

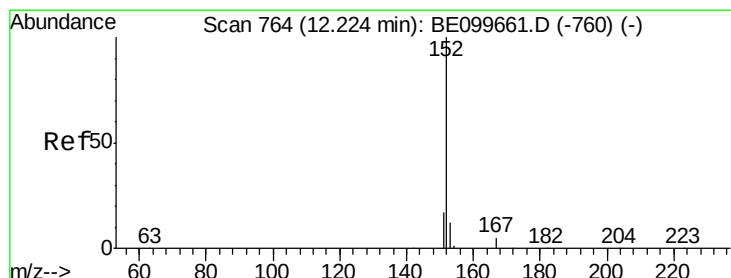
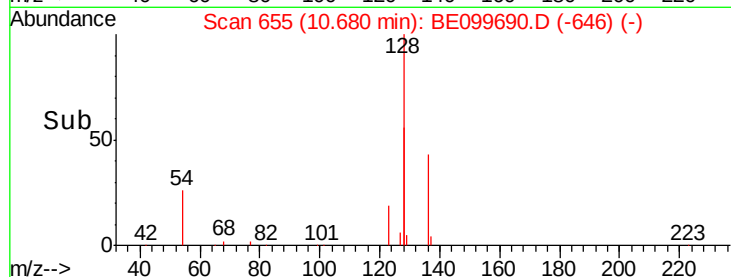
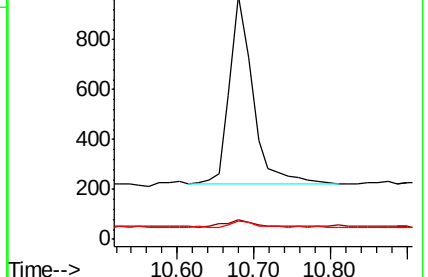
127 7.6 2.9 4.3#



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: 0.327 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE099690.D

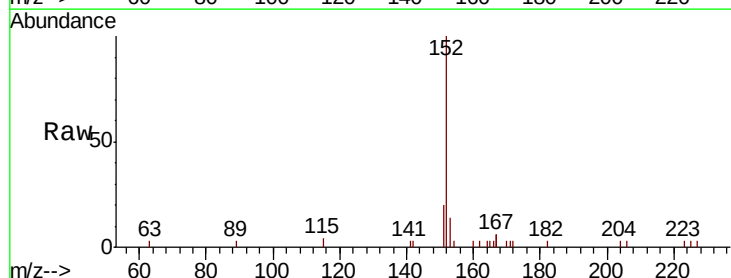
Acq: 21 May 2019 15:42

Tgt Ion:152 Resp: 3926

Ion Ratio Lower Upper

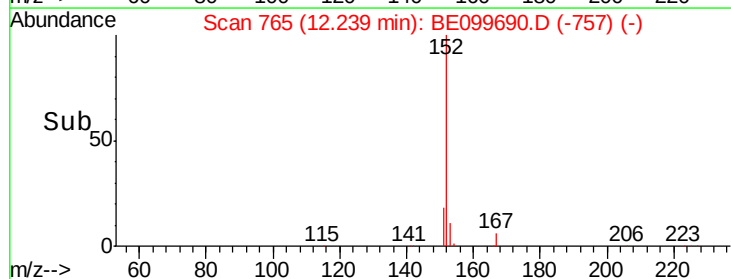
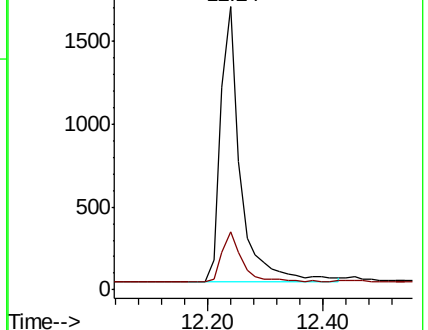
152 100

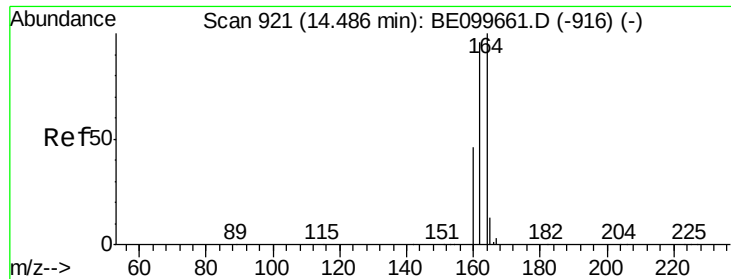
151 19.7 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

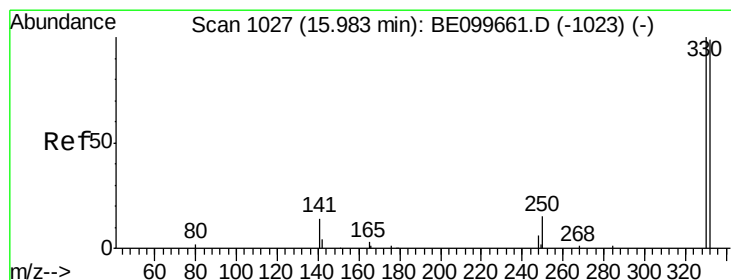
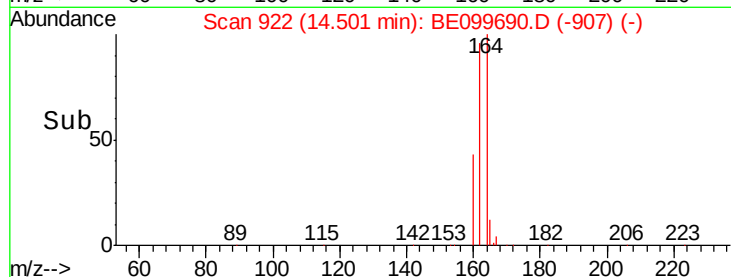
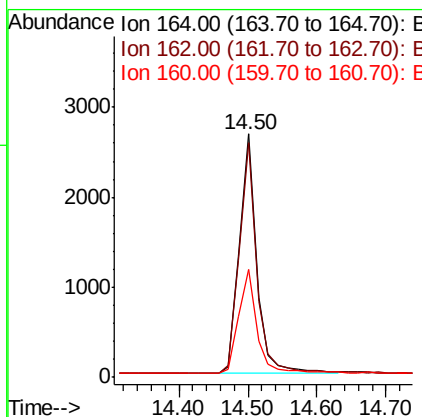
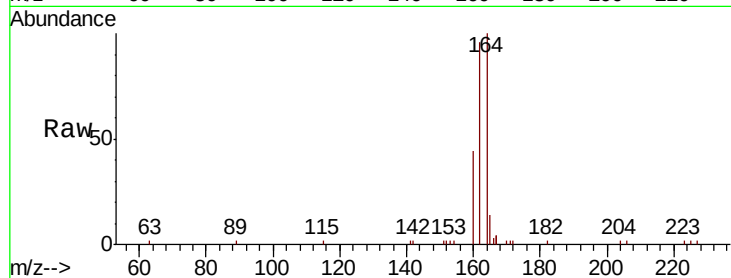




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: BE099690.D
Acq: 21 May 2019 15:42

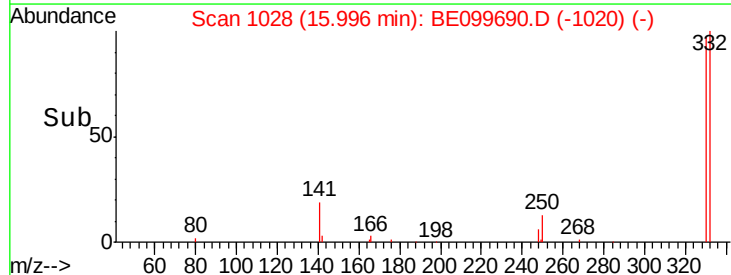
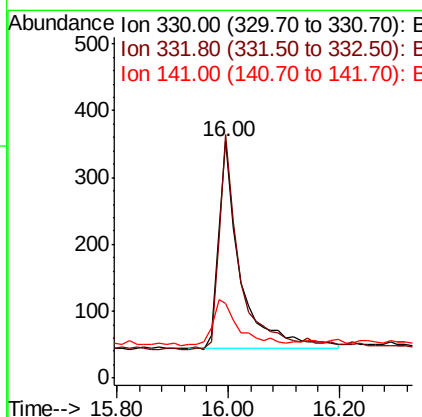
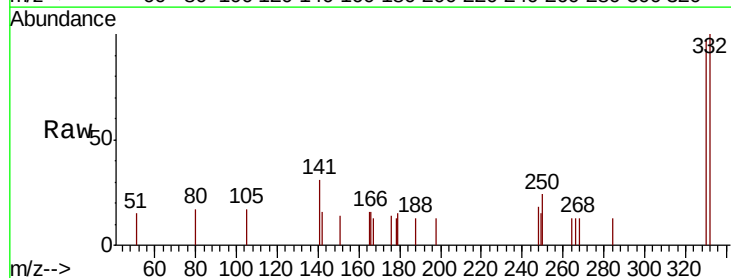
Instrument :
BNA_E
ClientSampleId :

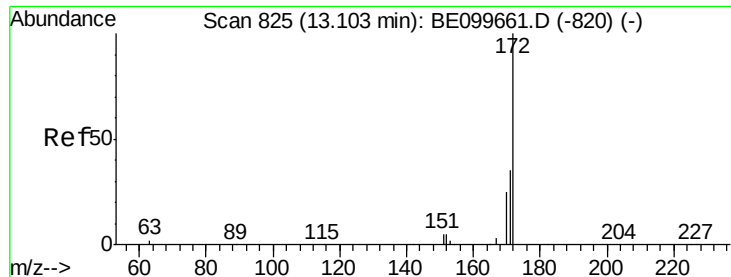
Tot Ion:164 Resp: 4633
Ion Ratio Lower Upper
164 100
162 96.3 76.5 114.7
160 44.4 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE099690.D
Acq: 21 May 2019 15:42

Tgt Ion:330 Resp: 844
Ion Ratio Lower Upper
330 100
332 105.0 77.3 115.9
141 24.1 18.9 28.3

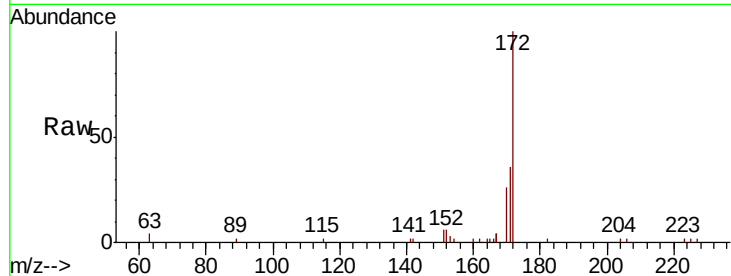




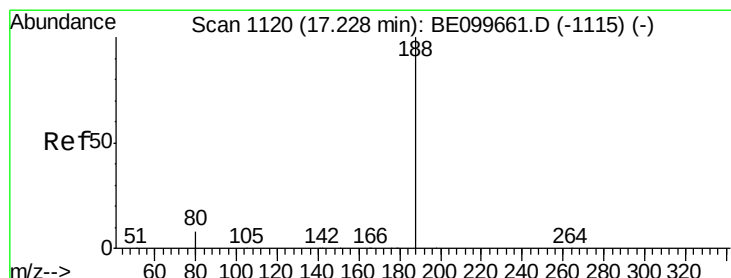
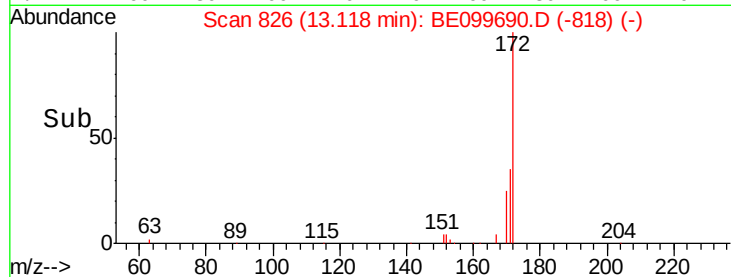
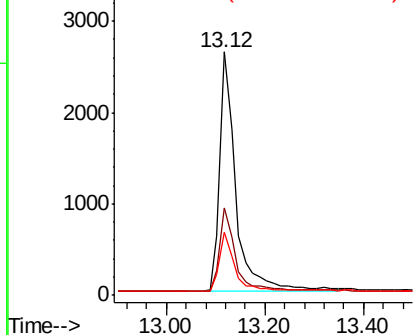
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099690.D
Acq: 21 May 2019 15:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5882
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 26.1 20.9 31.3

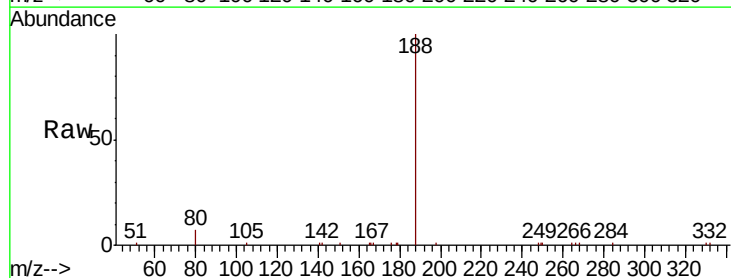


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

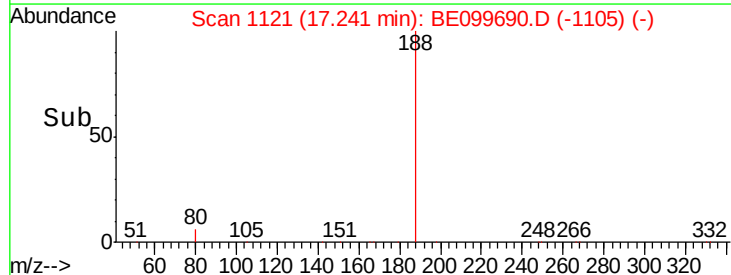
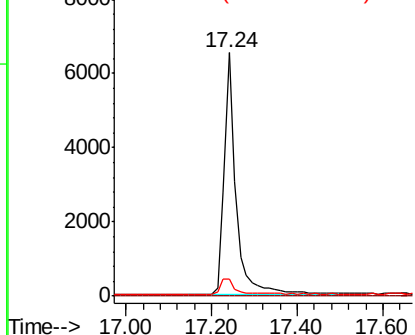


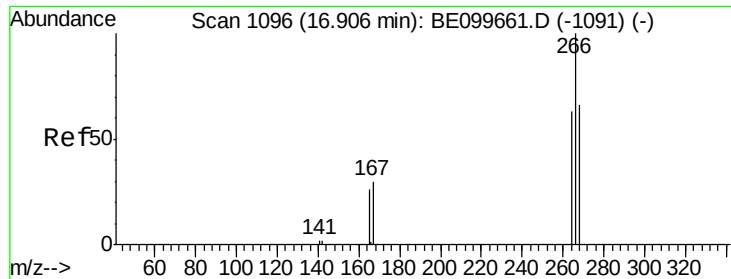
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099690.D
Acq: 21 May 2019 15:42

Tgt Ion:188 Resp: 12534
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 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

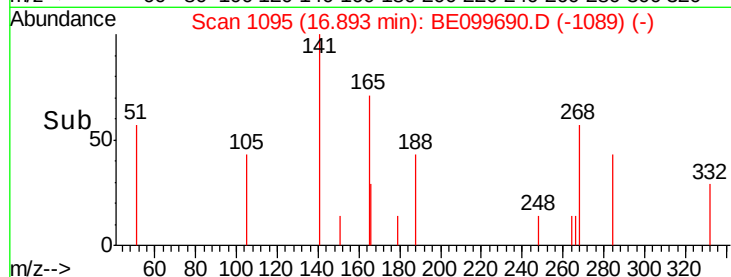
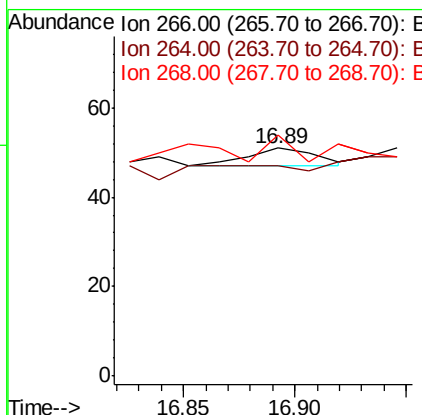
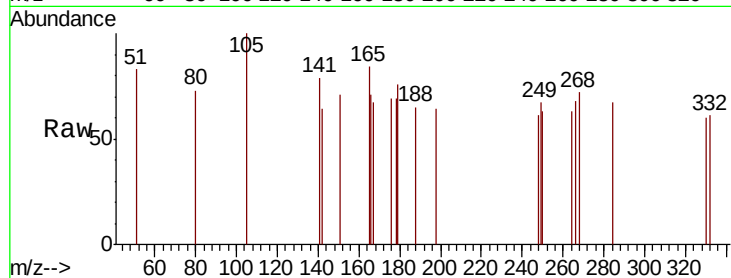




#22
 Pentachlorophenol
 Concen: 0.185 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

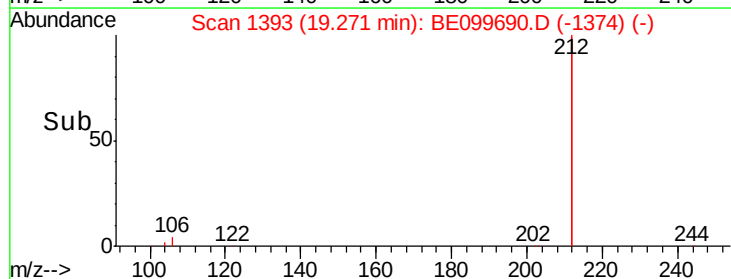
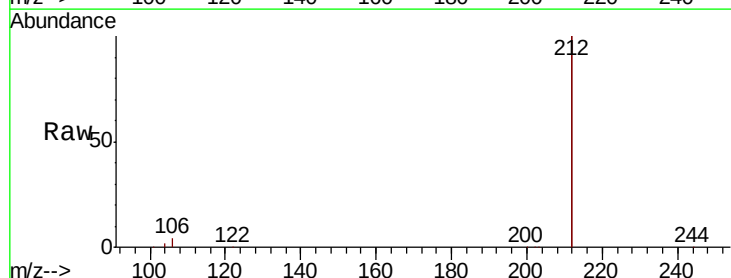
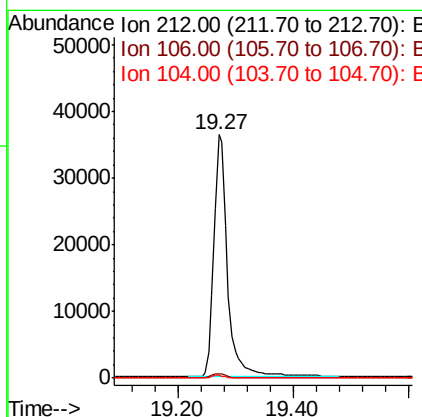
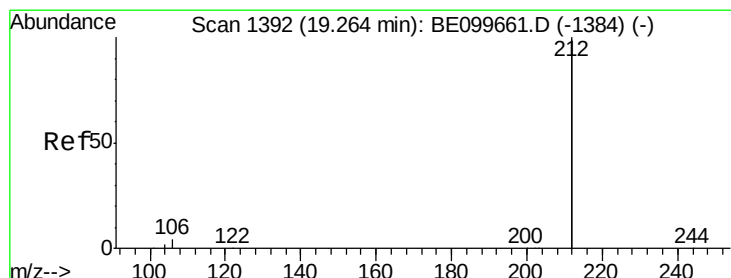
Instrument :
 BNA_E
 ClientSampled :

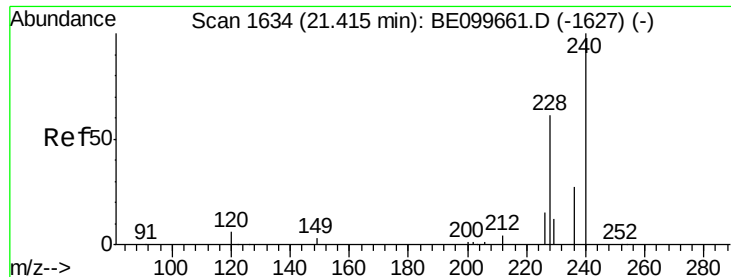
Tot Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 92.2 57.2 85.8#
 268 105.9 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.349 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

Tgt Ion:212 Resp: 59836
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.8 1.2

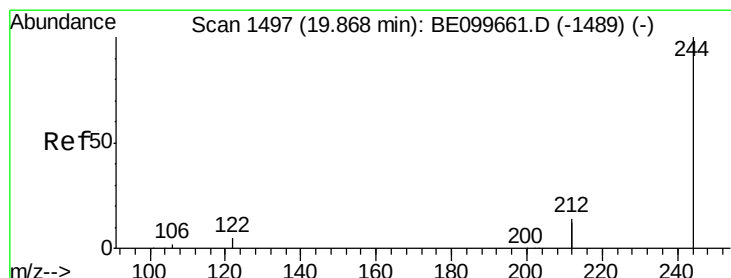
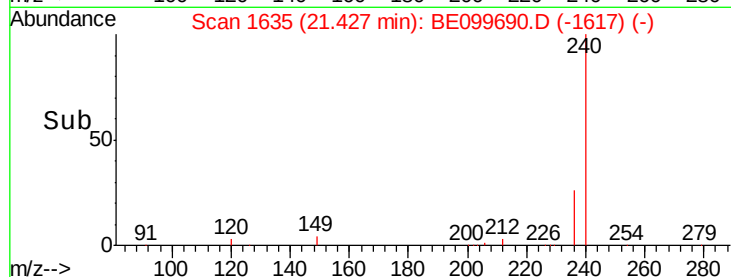
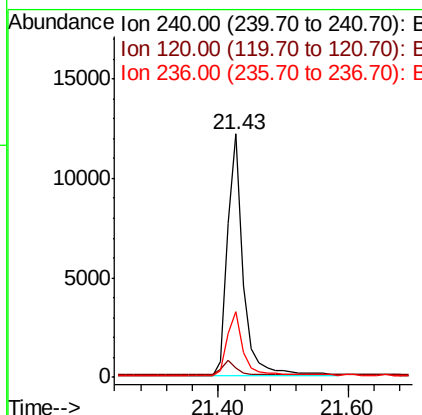
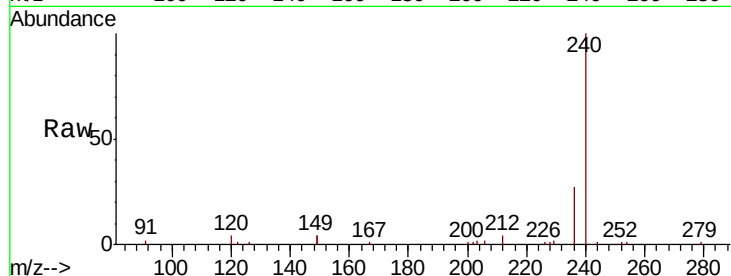




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

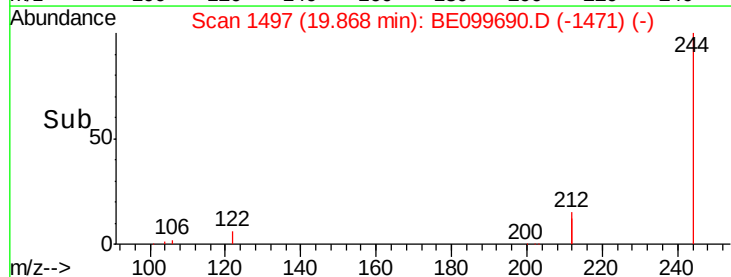
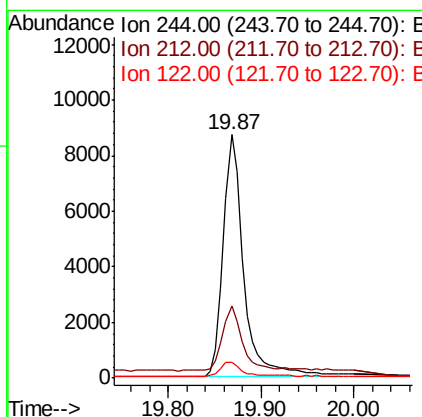
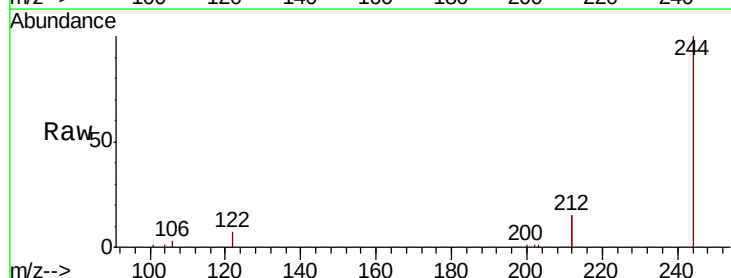
Instrument :
 BNA_E
 ClientSampleId :

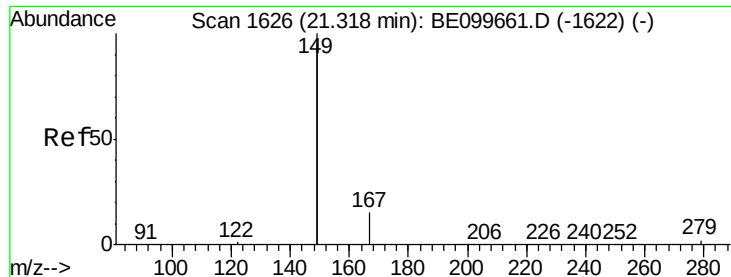
Tot Ion:240 Resp: 20812
 Ion Ratio Lower Upper
 240 100
 120 4.0 5.4 8.0#
 236 26.8 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.357 ng
 RT: 19.87 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BE099690.D
 Acq: 21 May 2019 15:42

Tgt Ion:244 Resp: 13260
 Ion Ratio Lower Upper
 244 100
 212 29.7 22.5 33.7
 122 6.7 4.3 6.5#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.042 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

Instrument :

BNA_E

ClientSampleId :

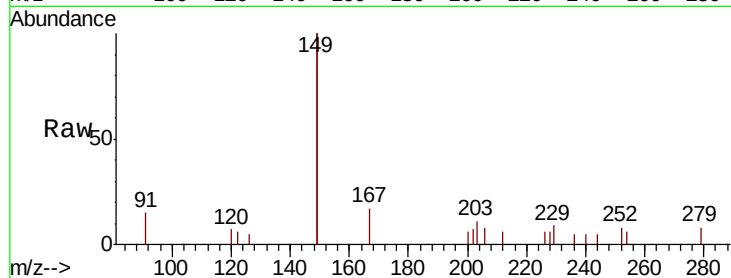
Tot Ion:149 Resp: 2858

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

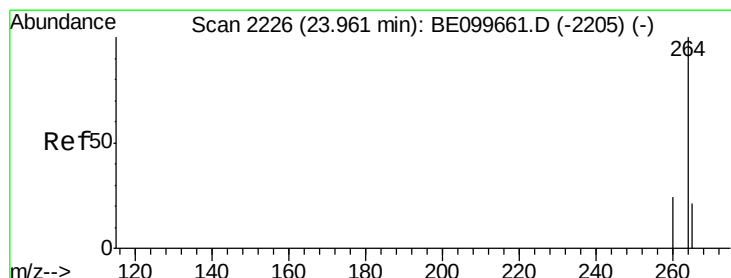
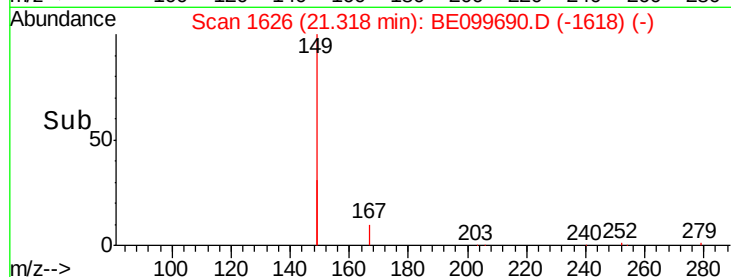
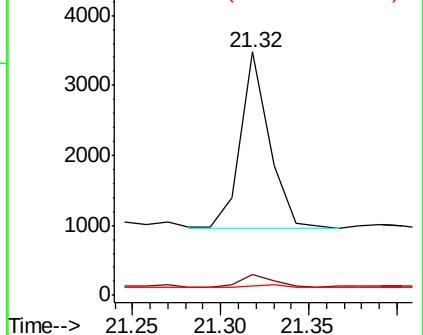
279 2.7 1.2 1.8#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BE099690.D

Acq: 21 May 2019 15:42

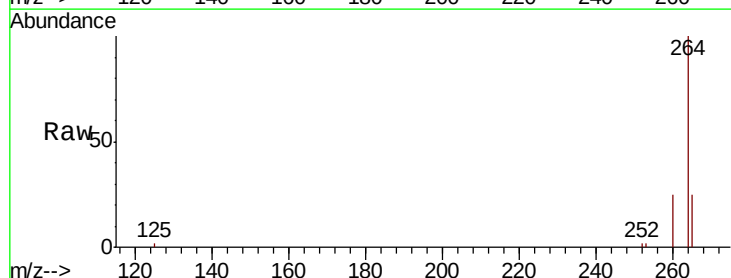
Tgt Ion:264 Resp: 24579

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 24.5 19.1 28.7



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

