

Data File : BE099696.D
Acq On : 21 May 2019 19:22
Operator : JU/SJ
Sample : PB119824BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Quant Time: May 22 08:17:02 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	1533	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4902	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3407	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9668	0.40	ng	0.00
27) Chrysene-d12	21.41	240	14802	0.40	ng	0.00
34) Perylene-d12	23.96	264	18091	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1495	0.39	ng	0.00
5) Phenol-d6	6.98	99	1932	0.38	ng	0.00
8) Nitrobenzene-d5	8.98	82	1366	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3249	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.01	330	407	0.29	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	4941	0.38	ng	0.01
25) Fluoranthene-d10	19.27	212	54415	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	11348	0.43	ng	0.00

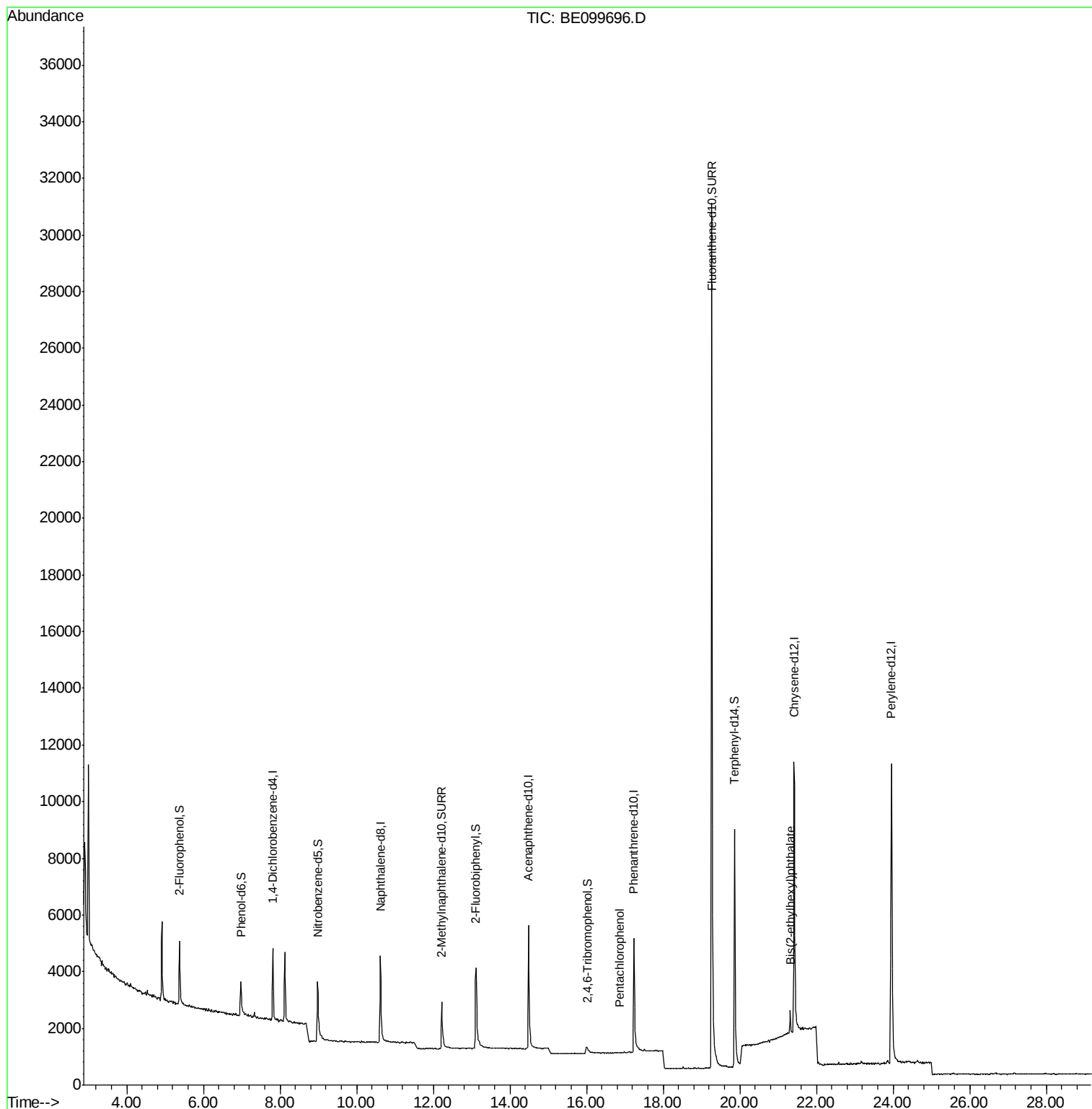
Target Compounds						Qvalue
22) Pentachlorophenol	16.87	266	2	0.182	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.32	149	1174	0.024	ng	# 98

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

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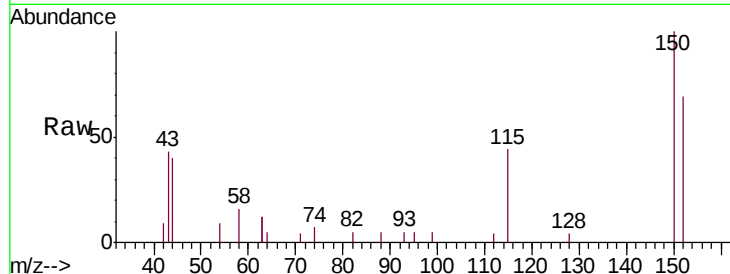


#1

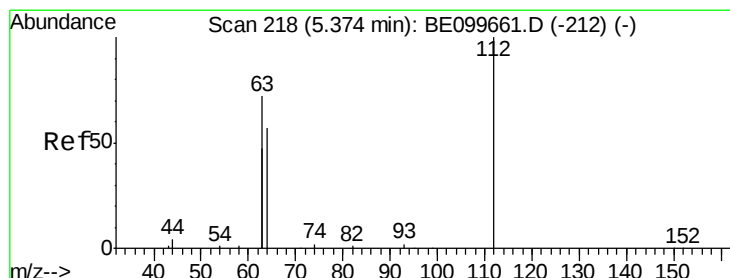
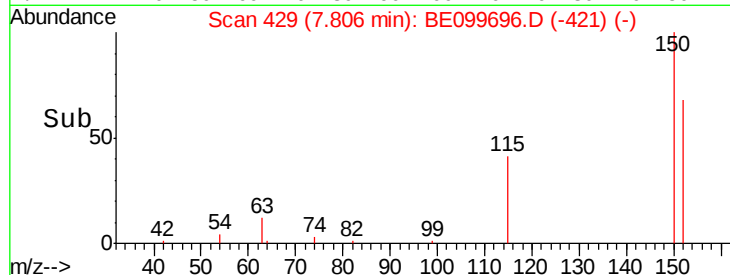
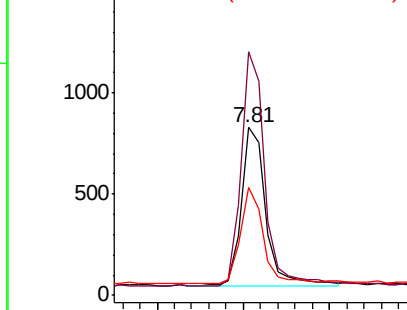
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099696.D
Acq: 21 May 2019 19:22

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tgt Ion:152 Resp: 1533
Ion Ratio Lower Upper
152 100
150 145.0 109.2 163.8
115 64.1 43.7 65.5



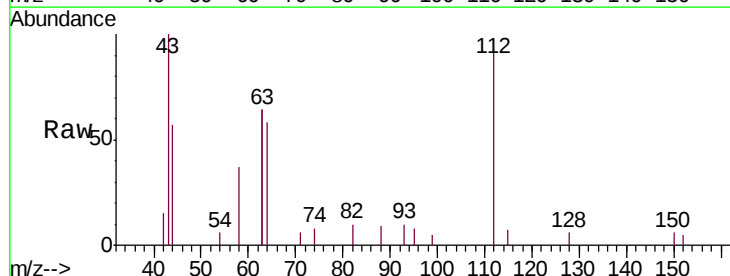
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



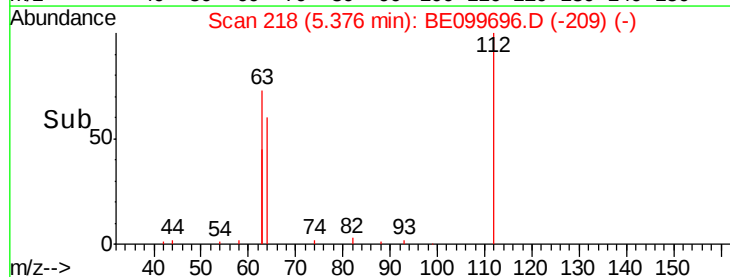
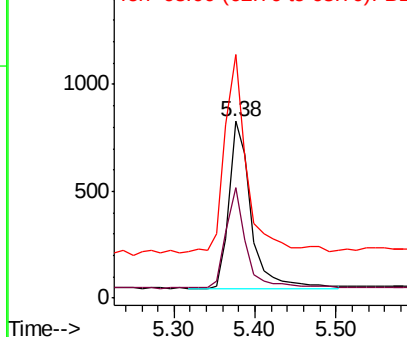
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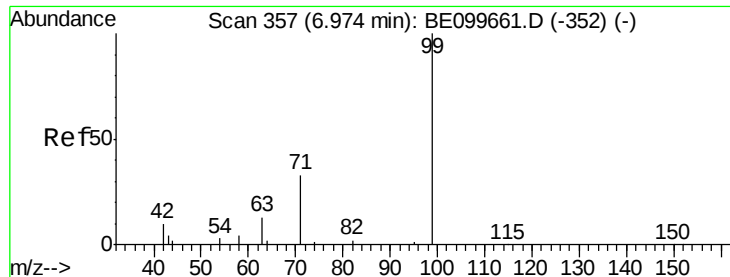
2-Fluorophenol
Concen: 0.386 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099696.D
Acq: 21 May 2019 19:22

Tgt Ion:112 Resp: 1495
Ion Ratio Lower Upper
112 100
64 54.8 43.4 65.2
63 118.9 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: 0.377 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099696.D

Acq: 21 May 2019 19:22

Instrument :

BNA_E

ClientSampleId :

PB119824BL

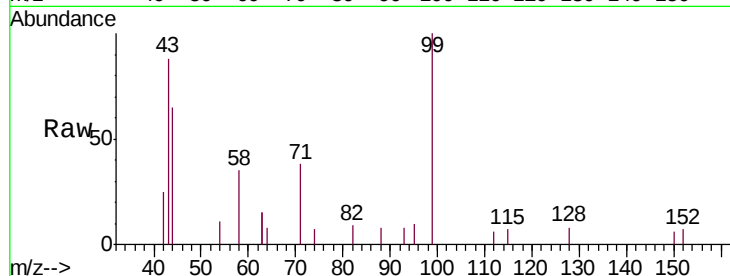
Tgt Ion: 99 Resp: 1932

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

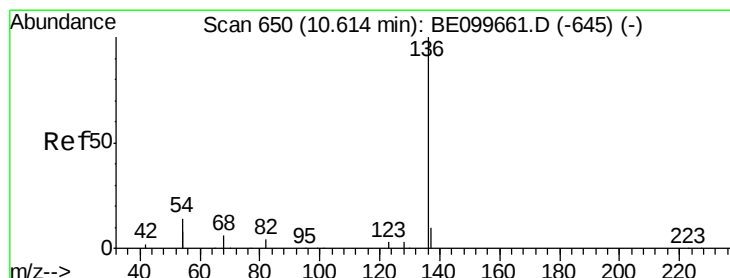
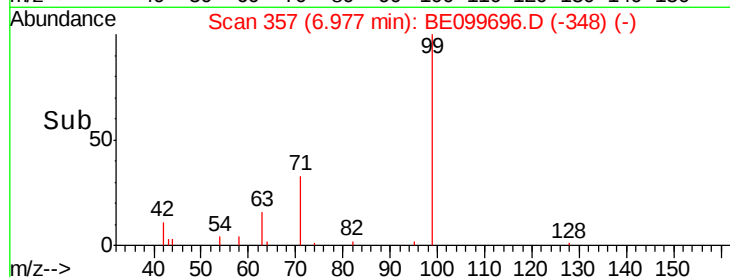
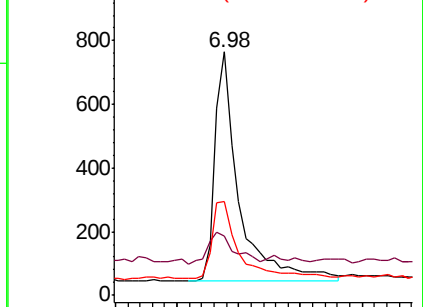
71 38.0 28.9 43.3



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: BE099696.D

Acq: 21 May 2019 19:22

Tgt Ion: 136 Resp: 4902

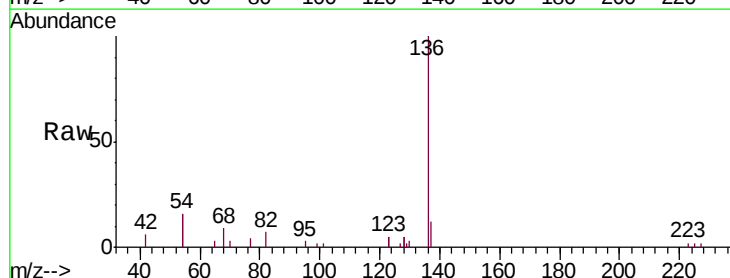
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 32.9 22.3 33.5

68 9.2 6.0 9.0#

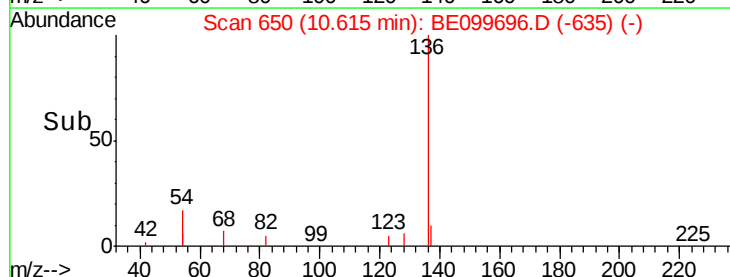
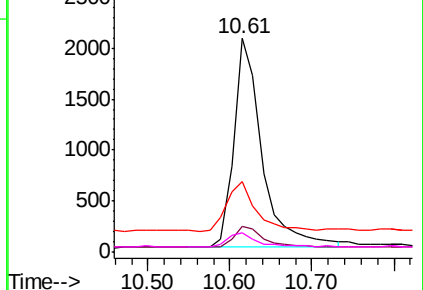


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099696.D

Acq: 21 May 2019 19:22

Instrument :

BNA_E

ClientSampleId :

PB119824BL

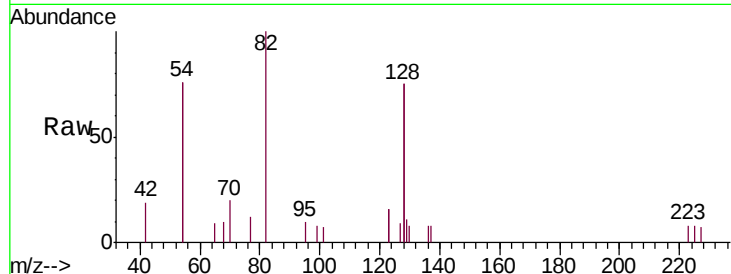
Tgt Ion: 82 Resp: 1366

Ion Ratio Lower Upper

82 100

128 150.0 117.7 176.5

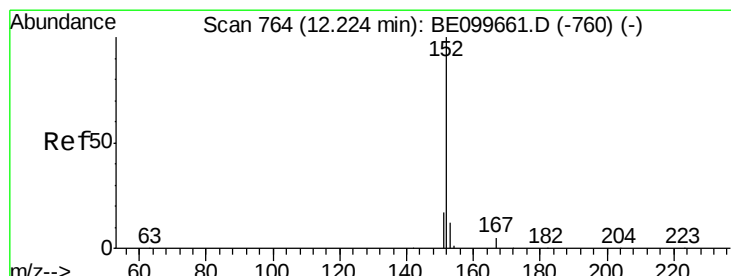
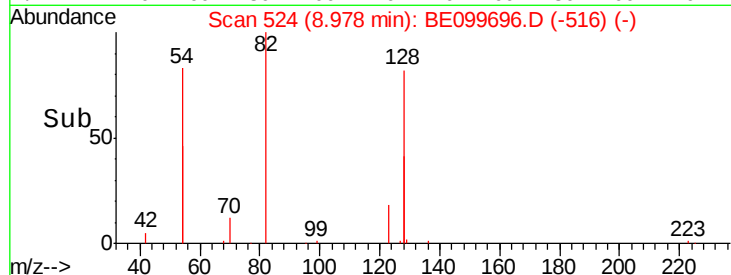
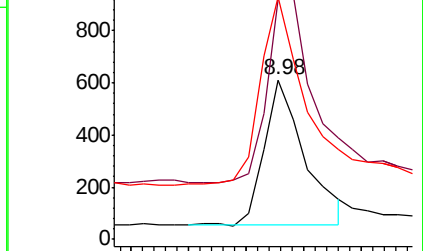
54 151.6 106.6 160.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099696.D

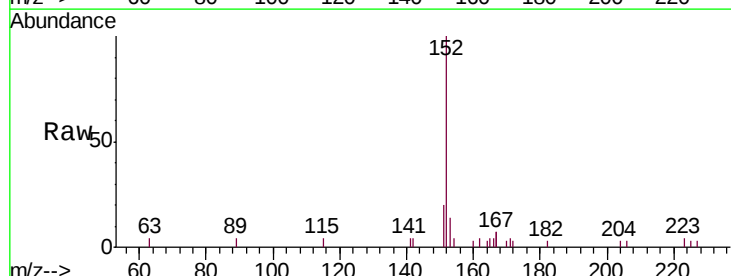
Acq: 21 May 2019 19:22

Tgt Ion: 152 Resp: 3249

Ion Ratio Lower Upper

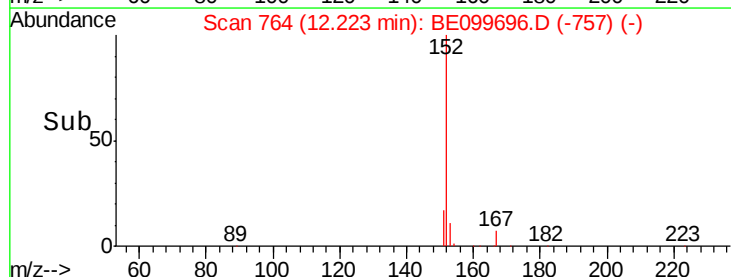
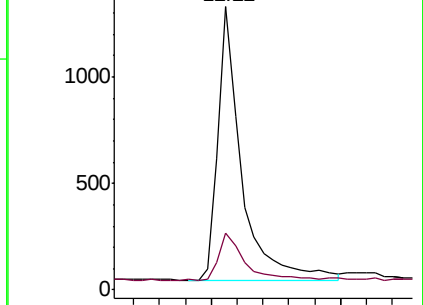
152 100

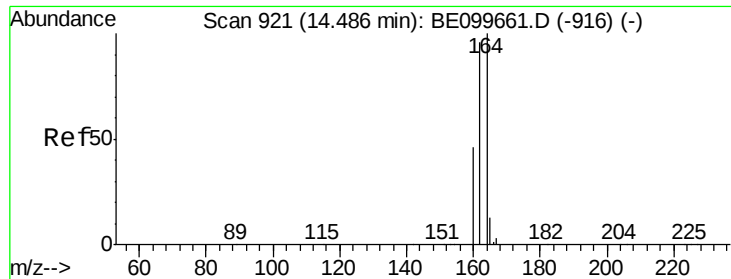
151 19.8 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

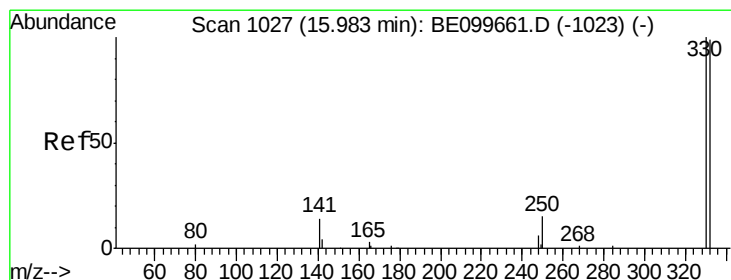
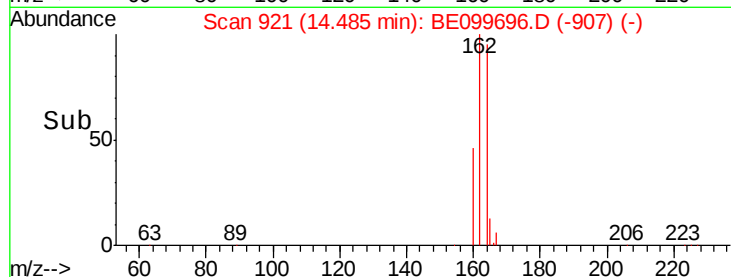
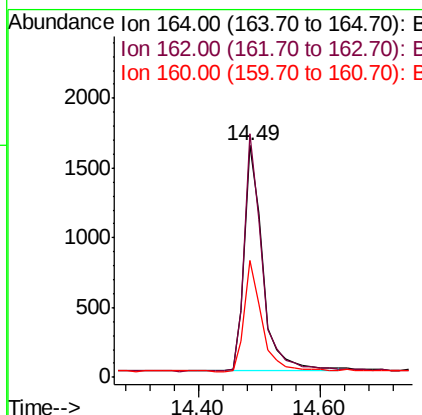
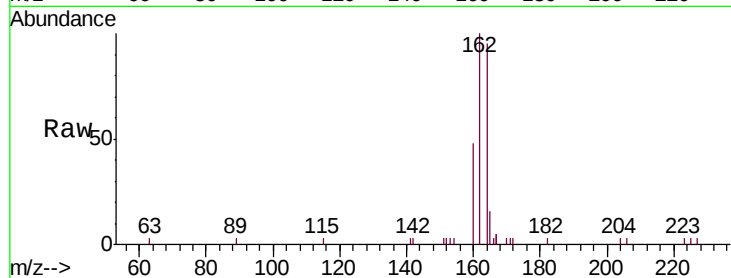




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE099696.D
 Acq: 21 May 2019 19:22

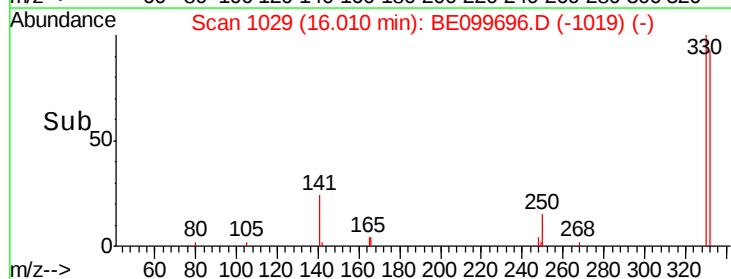
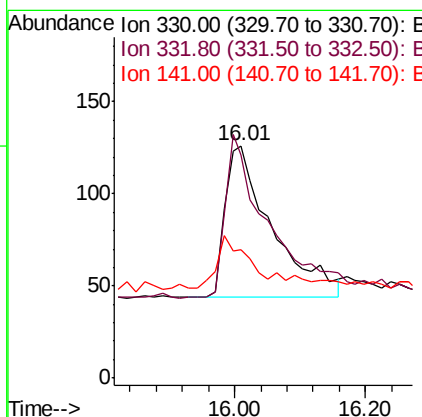
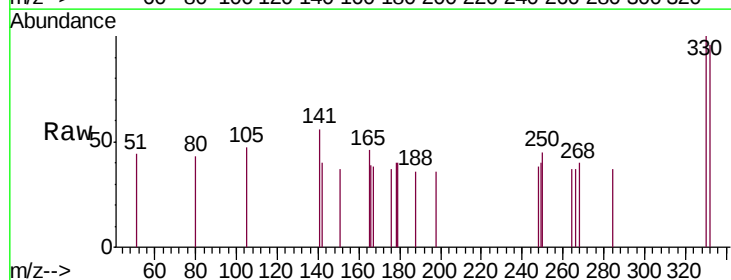
Instrument :
 BNA_E
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 PB119824BL

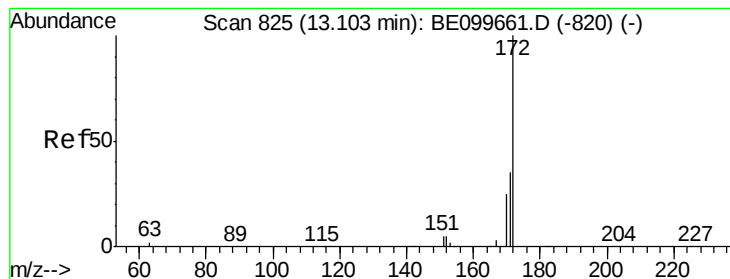
Tgt Ion:164 Resp: 3407
 Ion Ratio Lower Upper
 164 100
 162 104.9 76.5 114.7
 160 50.2 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.03 min
 Lab File: BE099696.D
 Acq: 21 May 2019 19:22

Tgt Ion:330 Resp: 407
 Ion Ratio Lower Upper
 330 100
 332 107.4 77.3 115.9
 141 0.0 18.9 28.3#





#15

2-Fluorobiphenyl

Concen: 0.382 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE099696.D

Acq: 21 May 2019 19:22

Instrument :

BNA_E

ClientSampleId :

PB119824BL

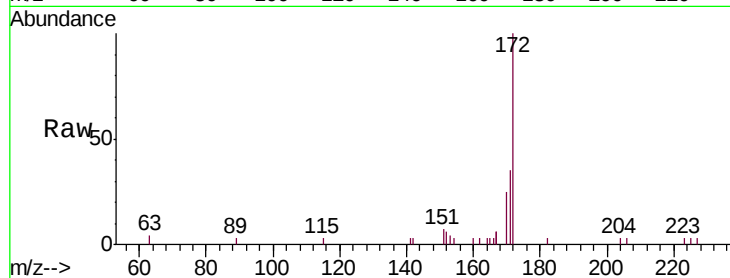
Tgt Ion:172 Resp: 4941

Ion Ratio Lower Upper

172 100

171 34.7 28.7 43.1

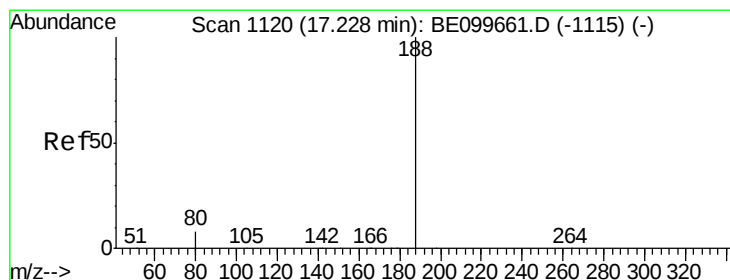
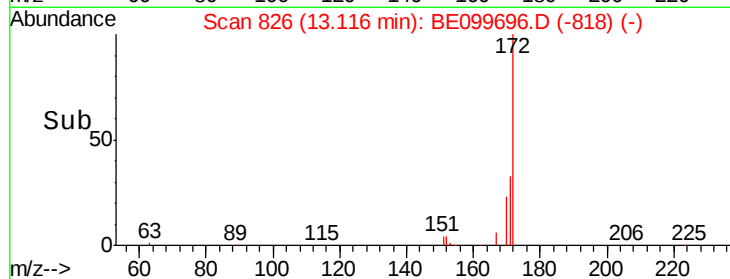
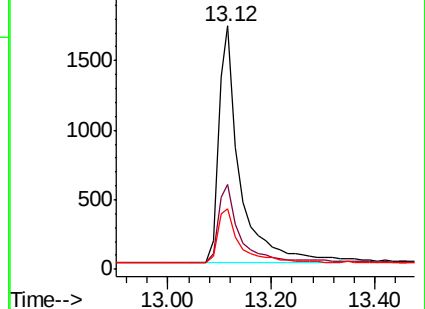
170 24.7 20.9 31.3



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099696.D

Acq: 21 May 2019 19:22

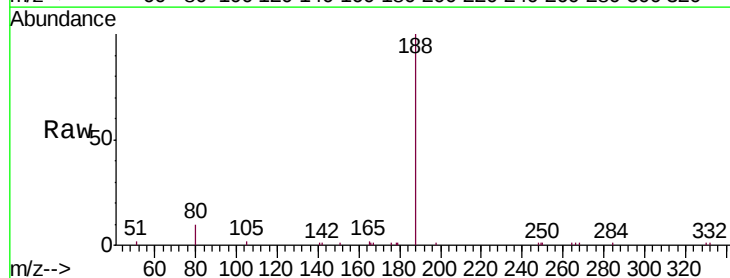
Tgt Ion:188 Resp: 9668

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

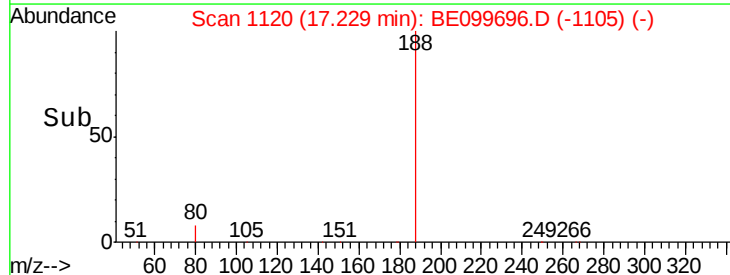
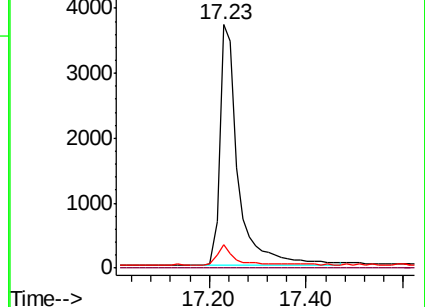
80 9.6 6.7 10.1

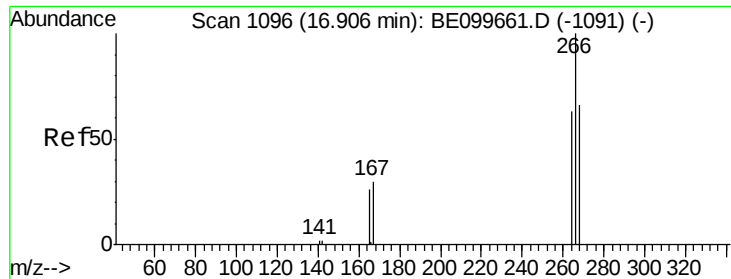


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

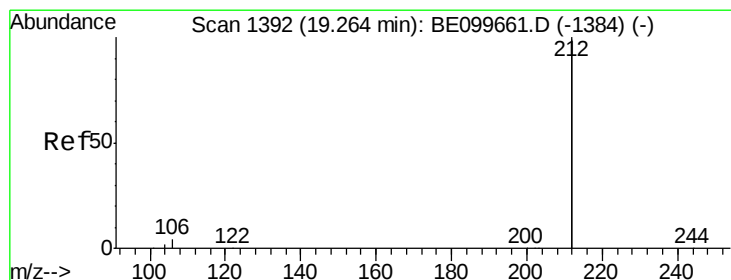
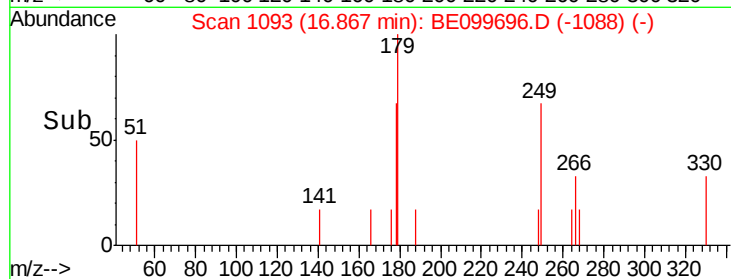
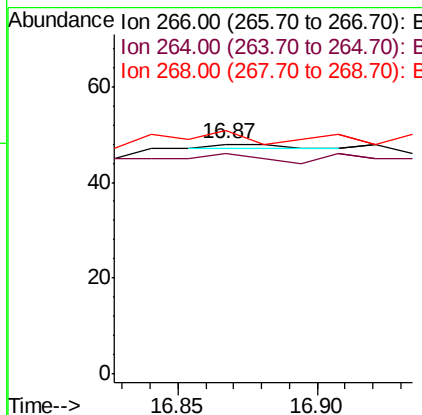
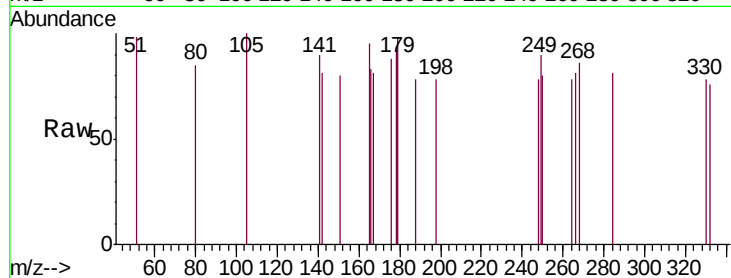




#22
 Pentachlorophenol
 Concen: 0.182 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BE099696.D
 Acq: 21 May 2019 19:22

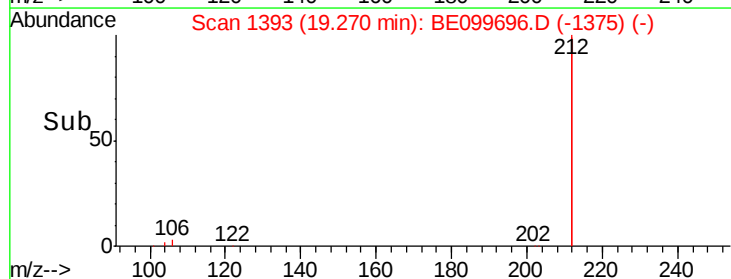
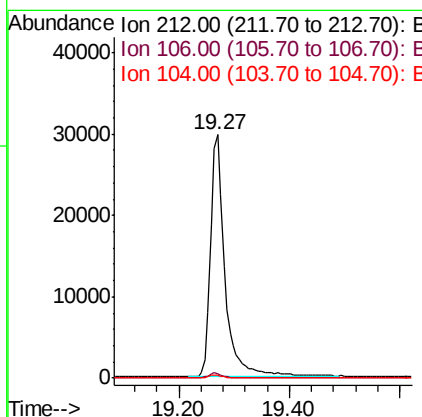
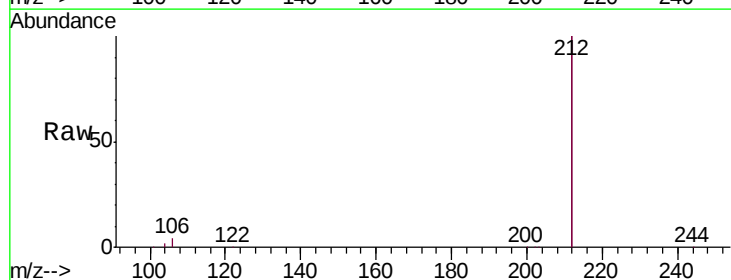
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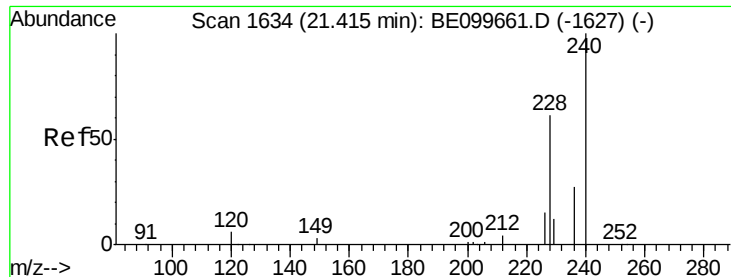
Tgt Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 95.8 57.2 85.8#
 268 106.3 60.5 90.7#



#25
 Fluoranthene-d10
 Concen: 0.412 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BE099696.D
 Acq: 21 May 2019 19:22

Tgt Ion: 212 Resp: 54415
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.8 1.2

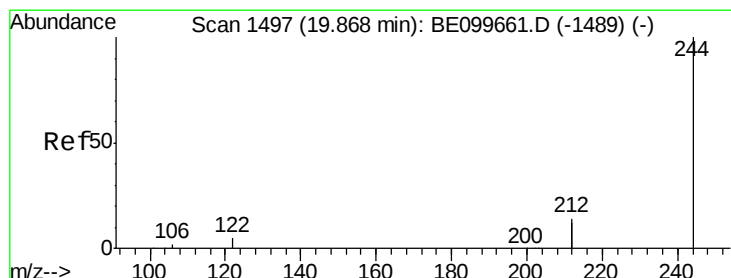
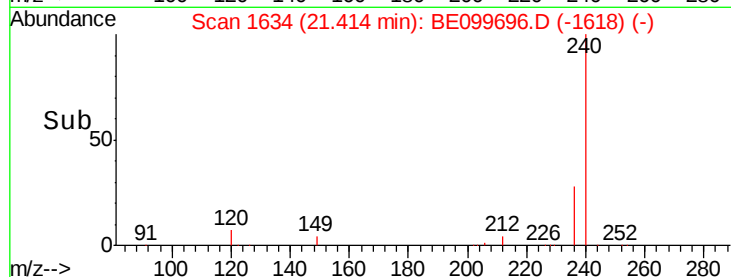
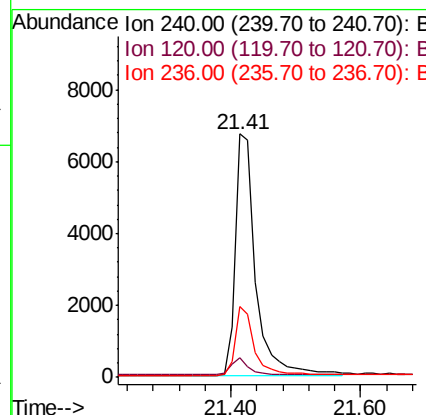
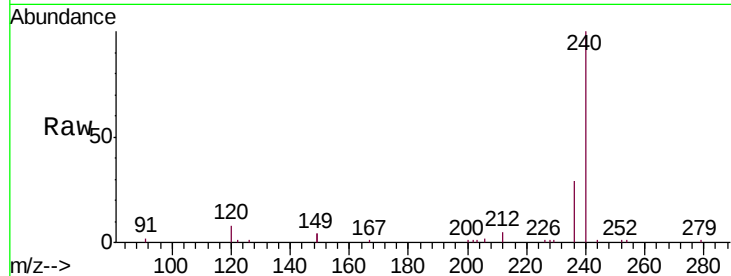




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BE099696.D
 Acq: 21 May 2019 19:22

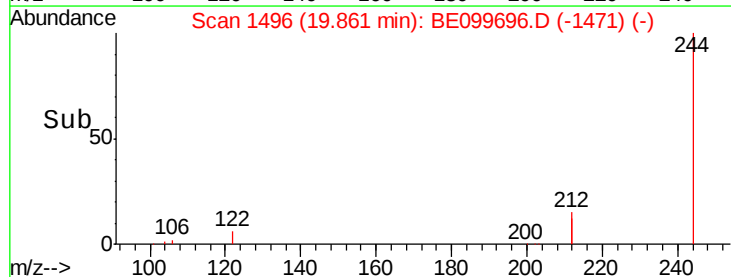
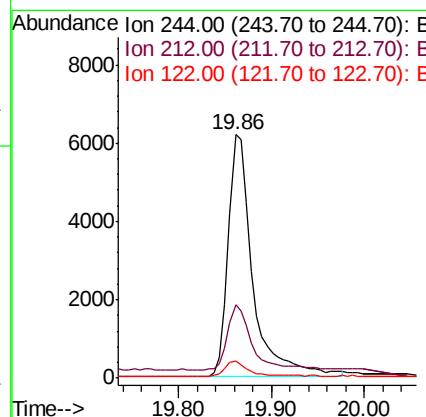
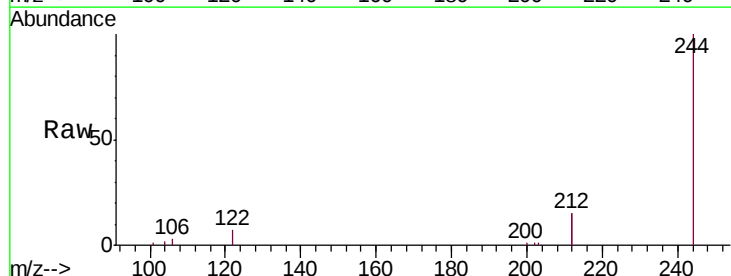
Instrument :
 BNA_E
 ClientSampleId :
 PB119824BL

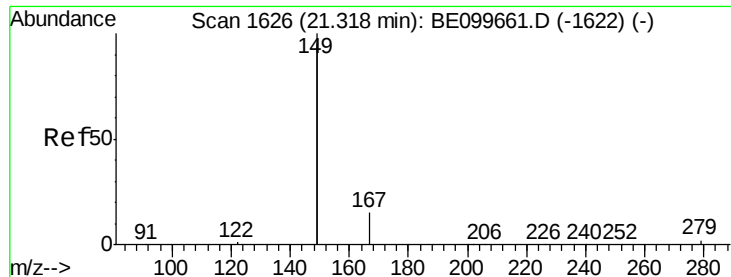
Tgt Ion:240 Resp: 14802
 Ion Ratio Lower Upper
 240 100
 120 7.9 5.4 8.0
 236 29.1 21.7 32.5



#29
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.86 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BE099696.D
 Acq: 21 May 2019 19:22

Tgt Ion:244 Resp: 11348
 Ion Ratio Lower Upper
 244 100
 212 30.2 22.5 33.7
 122 6.8 4.3 6.5#

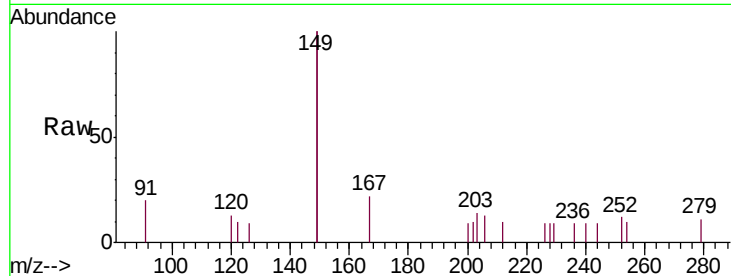




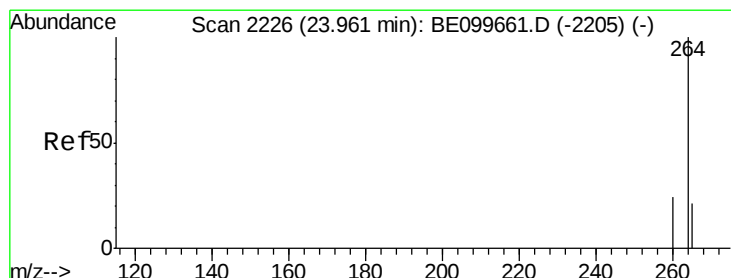
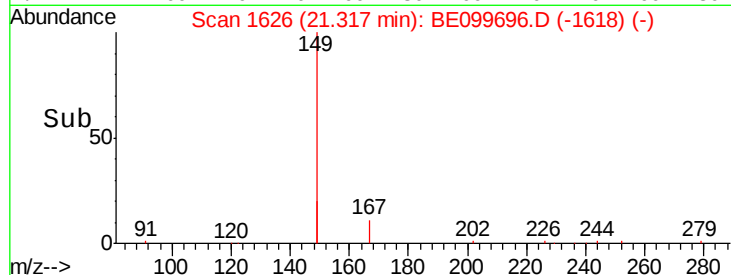
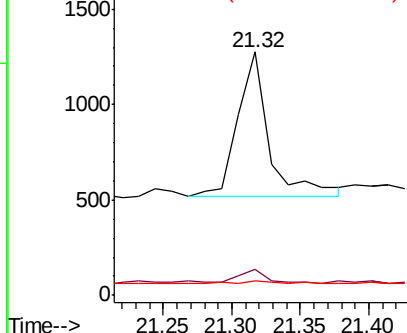
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.024 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE099696.D
 Acq: 21 May 2019 19:22

Instrument :
 BNA_E
 ClientSampleId :
 PB119824BL

Tgt Ion:149 Resp: 1174
 Ion Ratio Lower Upper
 149 100
 167 8.3 6.2 9.4
 279 3.0 1.2 1.8#

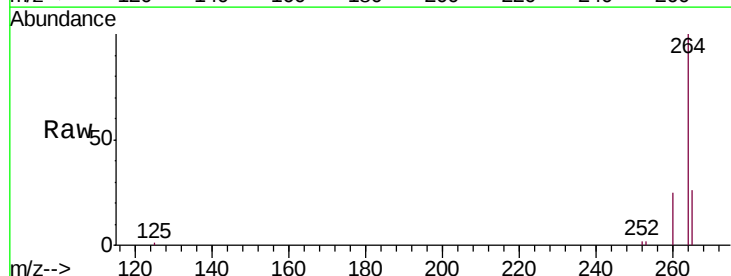


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BE099696.D
 Acq: 21 May 2019 19:22

Tgt Ion:264 Resp: 18091
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.6 29.4
 265 25.8 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

