

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099622.D
 Acq On : 16 May 2019 14:10
 Operator : JU/SJ
 Sample : PB119274BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119274BL

Quant Time: May 17 07:01:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

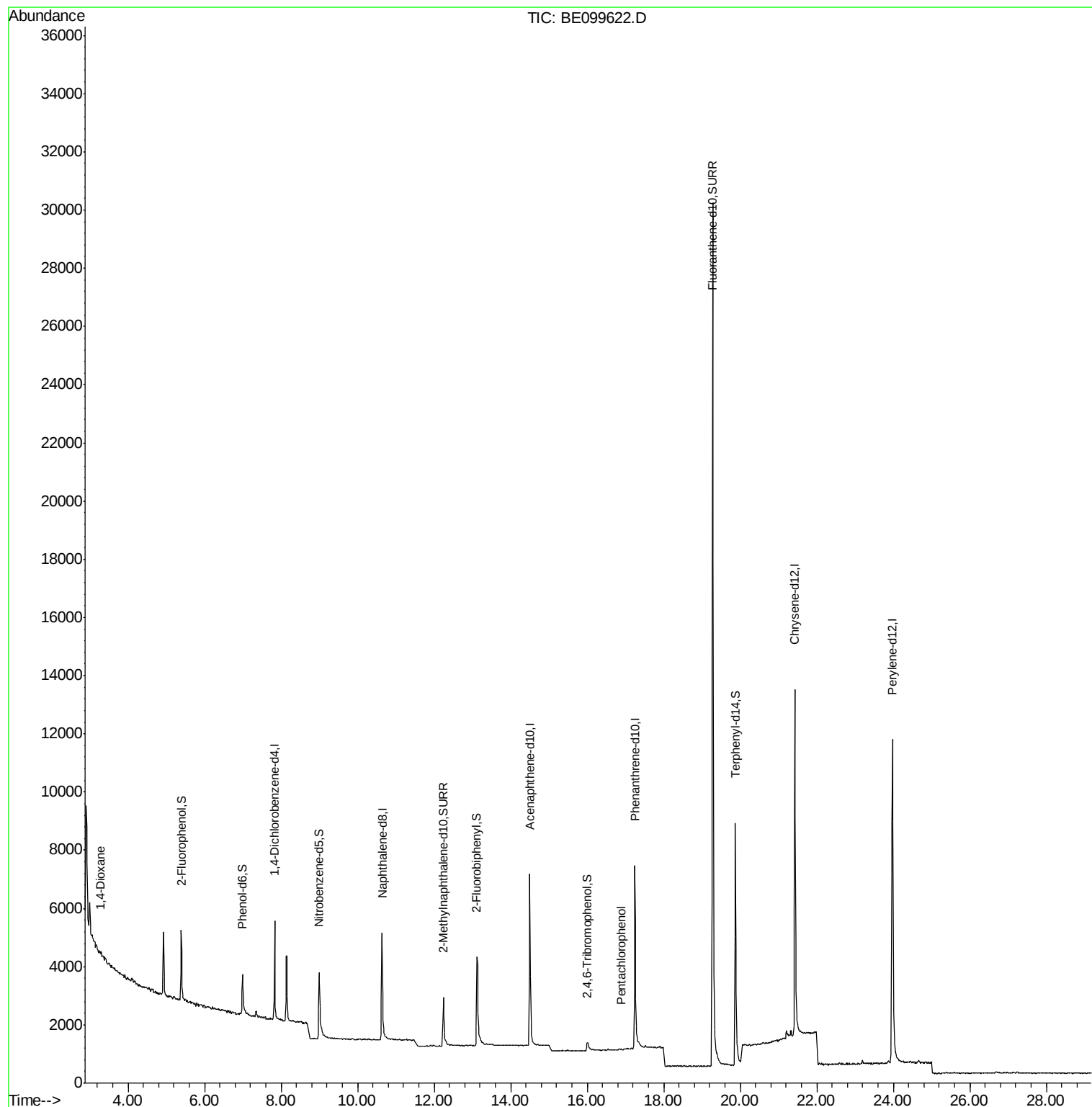
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1933	0.40	ng	0.01
7) Naphthalene-d8	10.64	136	6369	0.40	ng	0.03
13) Acenaphthene-d10	14.50	164	4235	0.40	ng	0.02
19) Phenanthrene-d10	17.24	188	13020	0.40	ng	0.01
27) Chrysene-d12	21.43	240	16549	0.40	ng	0.01
34) Perylene-d12	23.97	264	20559	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1588	0.29	ng	0.01
5) Phenol-d6	6.99	99	2100	0.30	ng	0.01
8) Nitrobenzene-d5	8.99	82	1457	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	3280	0.31	ng	0.02
14) 2,4,6-Tribromophenol	16.01	330	429	0.15	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	5032	0.31	ng	0.02
25) Fluoranthene-d10	19.28	212	53492	0.31	ng	0.01
29) Terphenyl-d14	19.87	244	10890	0.37	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	63	0.022	ng	# 35
22) Pentachlorophenol	16.89	266	3	0.276	ng	# 67

(#) = 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

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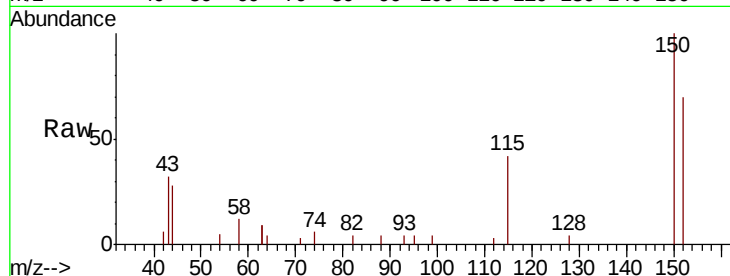
Tgt Ion: 152 Resp: 1933

Ion Ratio Lower Upper

152 100

150 142.2 110.1 165.1

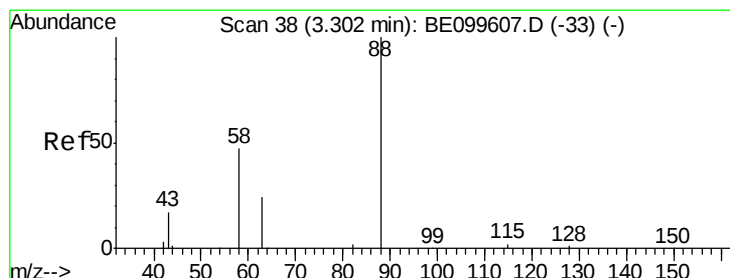
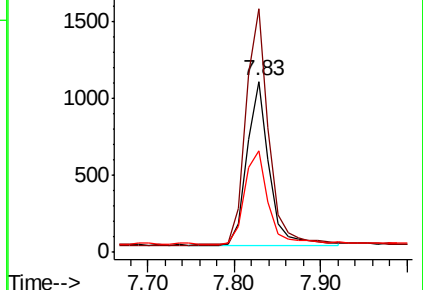
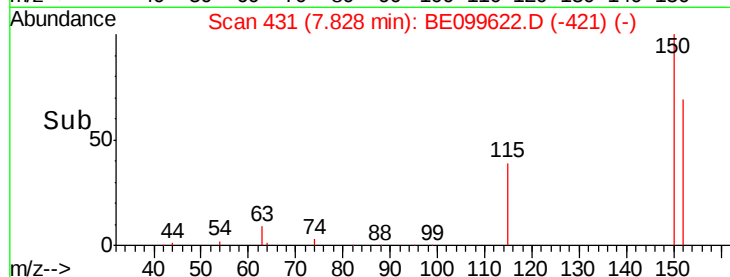
115 59.0 46.2 69.4



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: 0.022 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

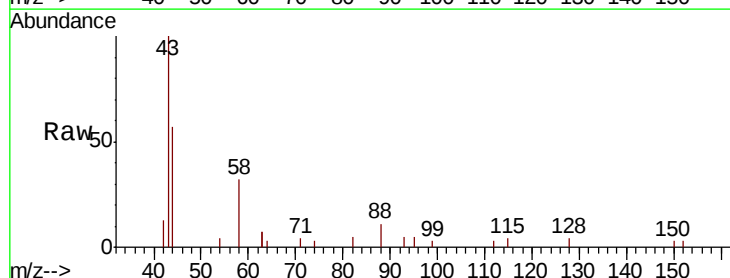
Tgt Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

58 0.0 39.8 59.6#

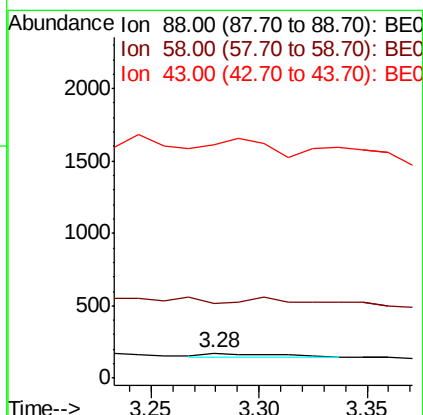
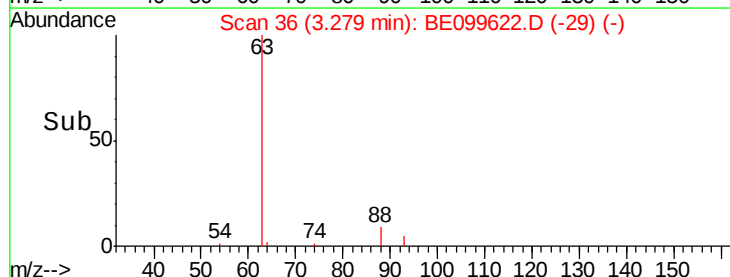
43 0.0 21.0 31.6#

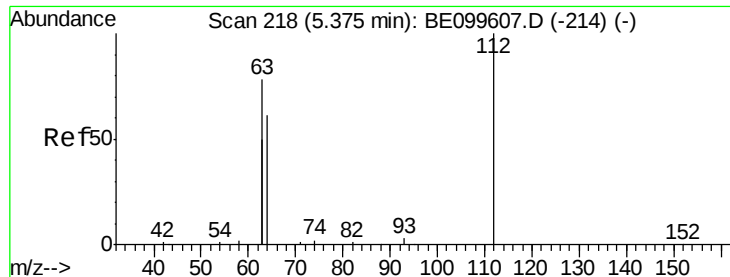


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.289 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099622.D

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Instrument :

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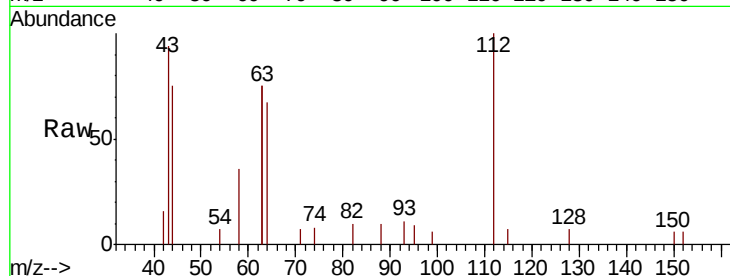
Tgt Ion: 112 Resp: 1588

Ion Ratio Lower Upper

112 100

64 56.5 43.7 65.5

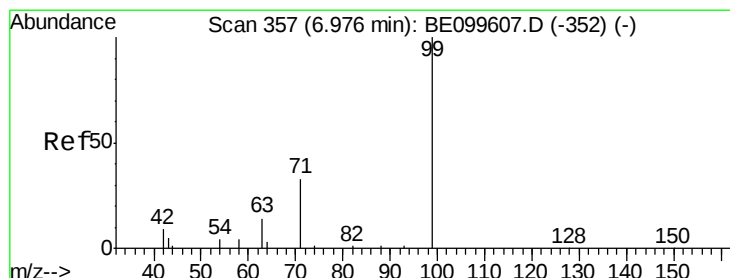
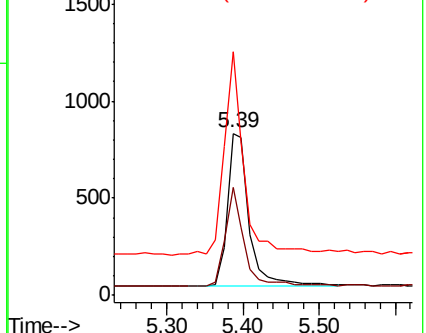
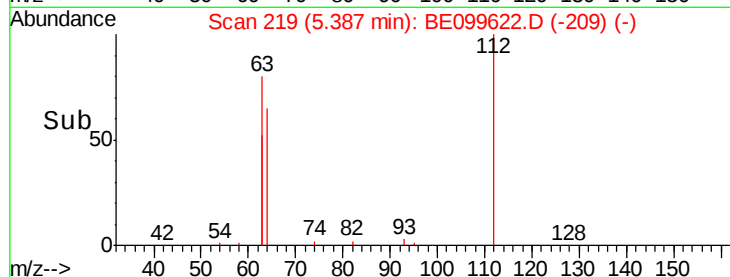
63 120.3 94.0 141.0



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: 0.302 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

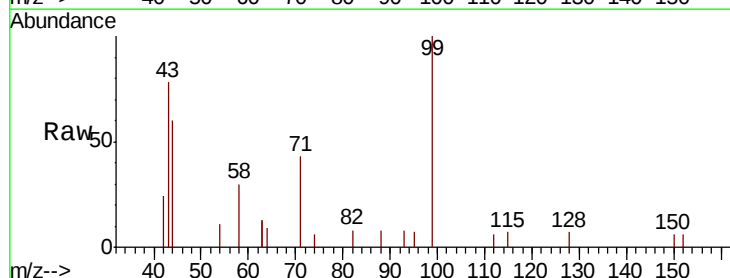
Tgt Ion: 99 Resp: 2100

Ion Ratio Lower Upper

99 100

42 10.5 14.3 21.5#

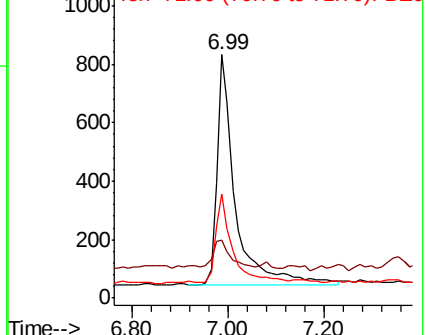
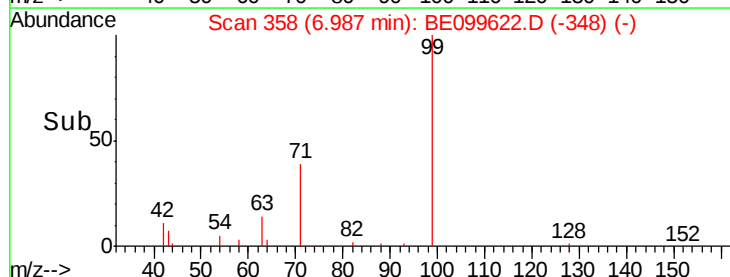
71 35.0 33.1 49.7

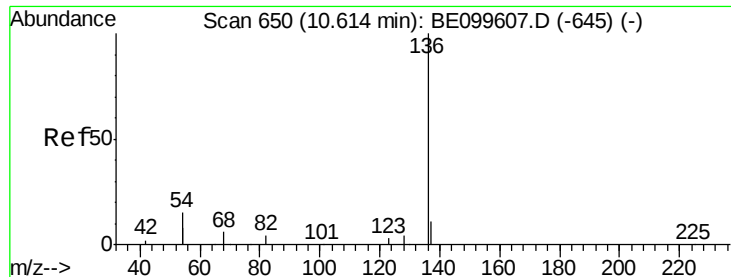


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.64 min Scan# 652

Delta R.T. 0.03 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA_E

ClientSampleId :

PB119274BL

Tgt Ion:136 Resp: 6369

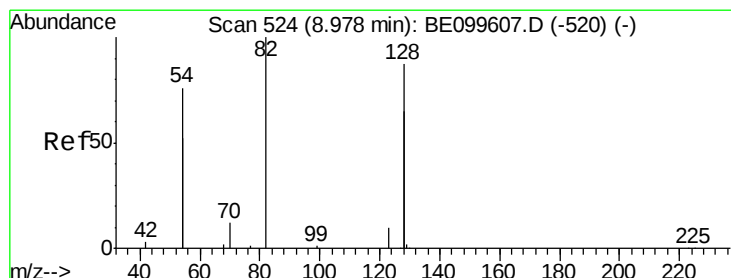
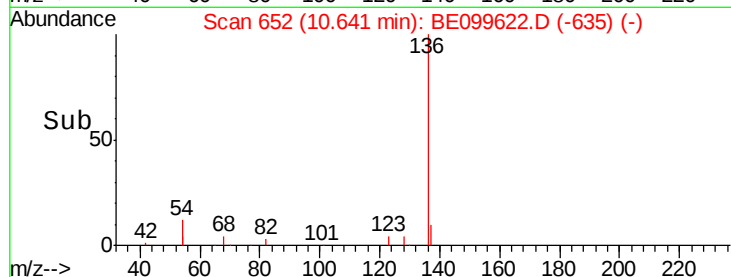
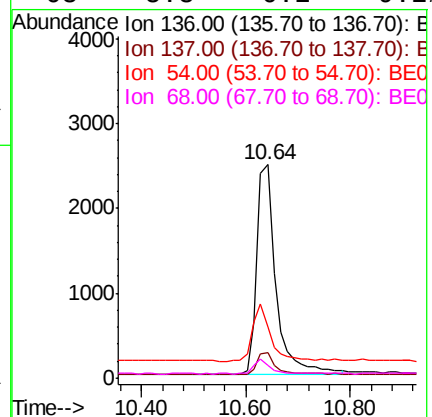
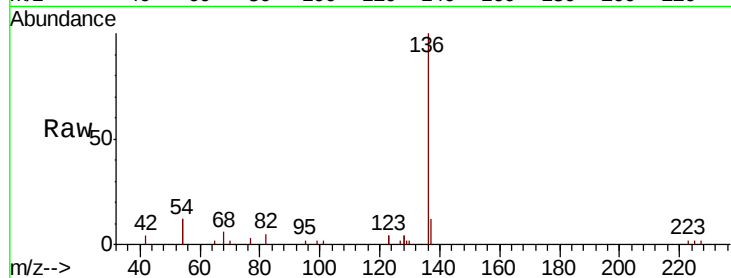
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 23.9 23.8 35.8

68 5.8 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.236 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

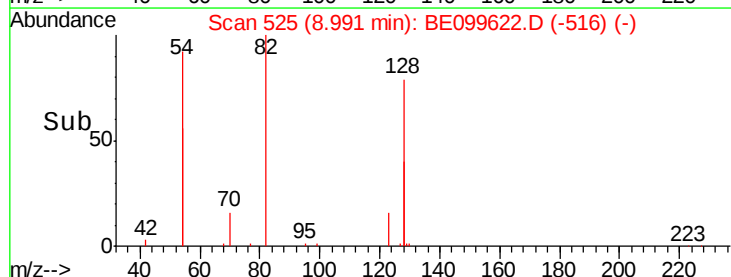
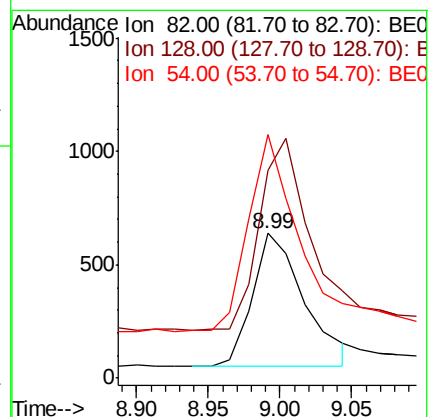
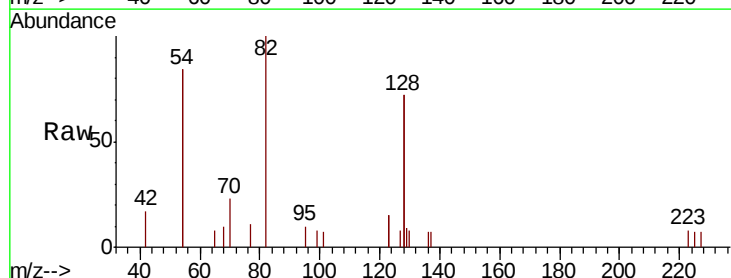
Tgt Ion: 82 Resp: 1457

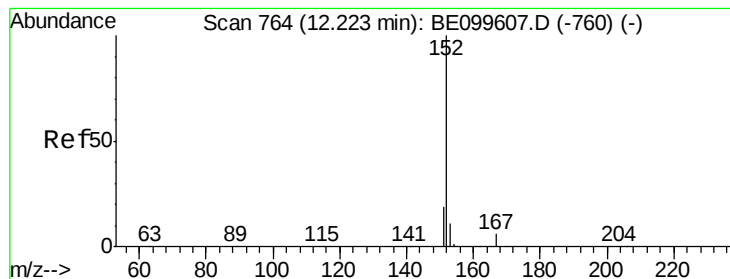
Ion Ratio Lower Upper

82 100

128 143.3 131.4 197.2

54 168.1 113.9 170.9





#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.02 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA_E

ClientSampleId :

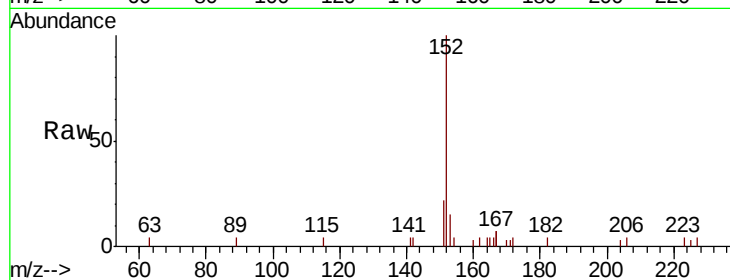
PB119274BL

Tgt Ion:152 Resp: 3280

Ion Ratio Lower Upper

152 100

151 19.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.24

1500

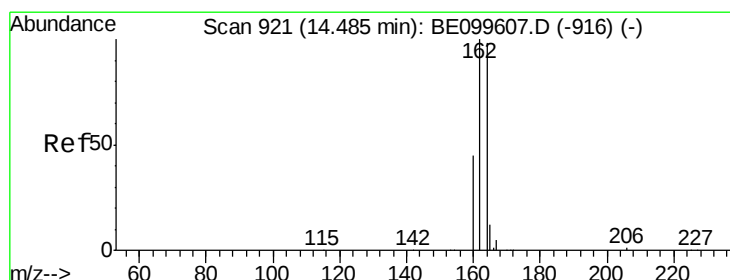
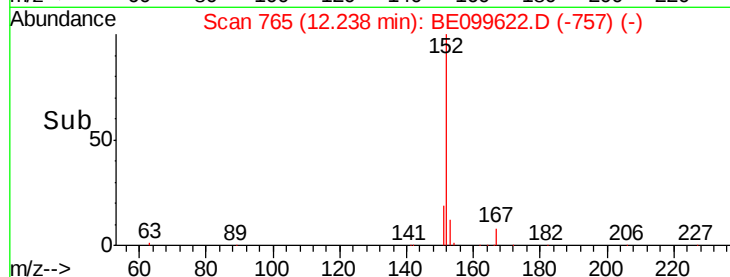
1000

500

0

12.20 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.02 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

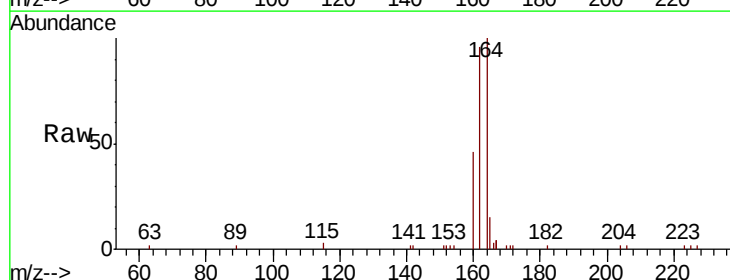
Tgt Ion:164 Resp: 4235

Ion Ratio Lower Upper

164 100

162 96.3 81.4 122.0

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

14.50

3000

2500

2000

1500

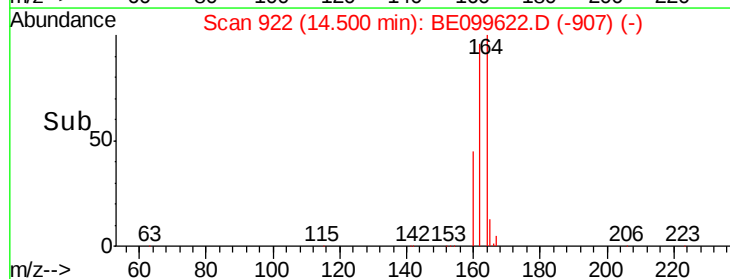
1000

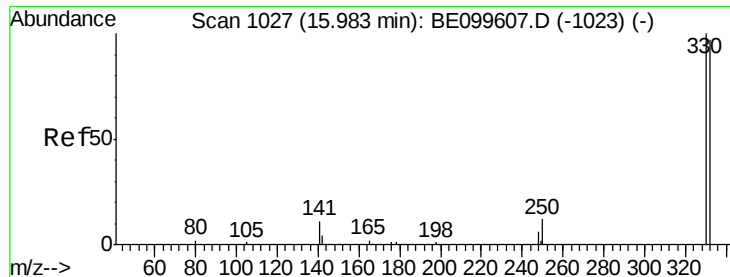
500

0

14.40 14.60

Time-->

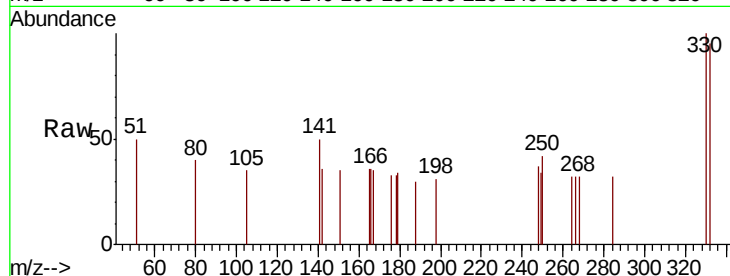




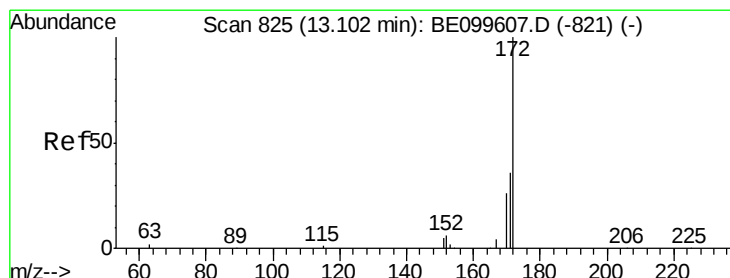
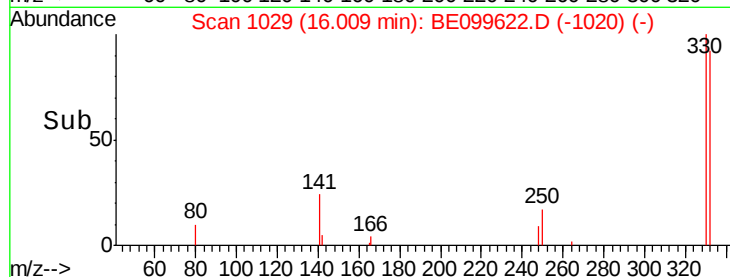
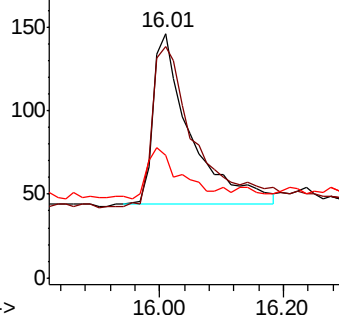
#14
 2,4,6-Tribromophenol
 Concen: 0.148 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.03 min
 Lab File: BE099622.D
 Acq: 16 May 2019 14:10

Instrument :
 BNA_E
 ClientSampleId :
 PB119274BL

Tgt Ion:330 Resp: 429
 Ion Ratio Lower Upper
 330 100
 332 110.7 73.8 110.8
 141 26.8 21.0 31.6

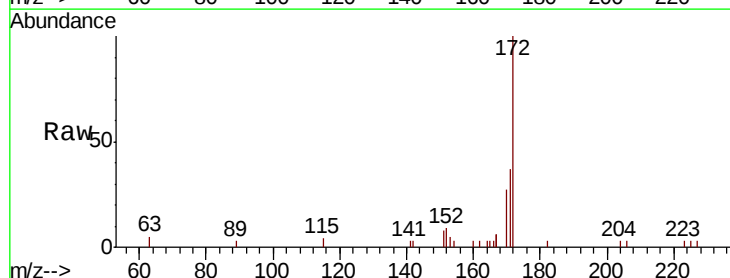


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

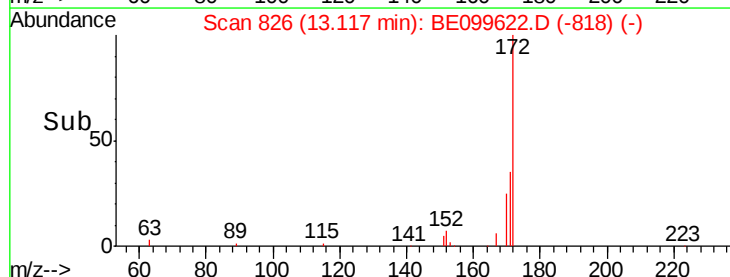
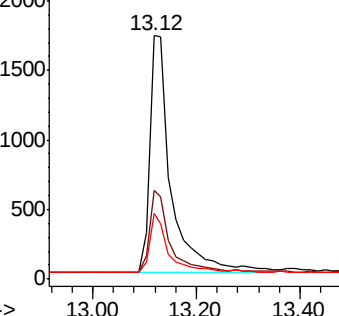


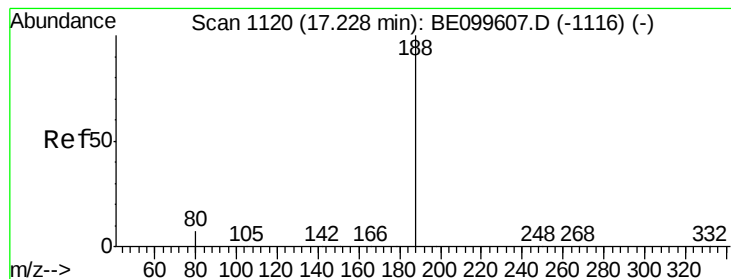
#15
 2-Fluorobiphenyl
 Concen: 0.309 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.02 min
 Lab File: BE099622.D
 Acq: 16 May 2019 14:10

Tgt Ion:172 Resp: 5032
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 27.1 21.5 32.3



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: BE099622.D

Acq: 16 May 2019 14:10

Instrument :

BNA_E

ClientSampleId :

PB119274BL

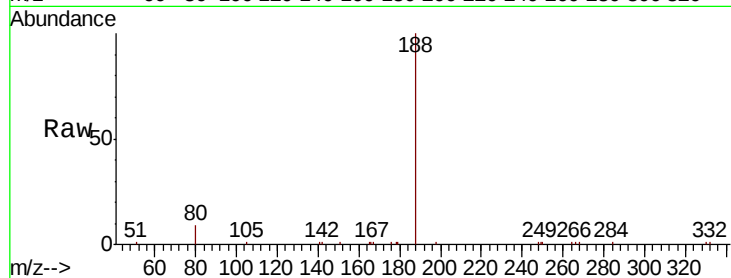
Tgt Ion:188 Resp: 13020

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

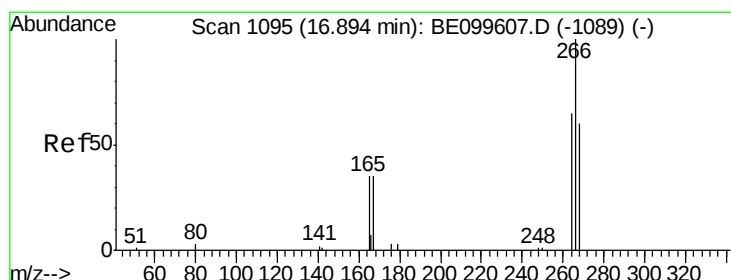
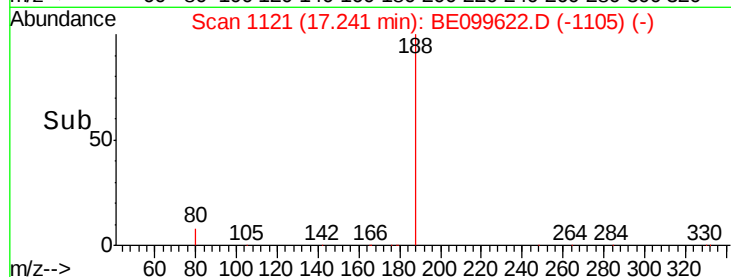
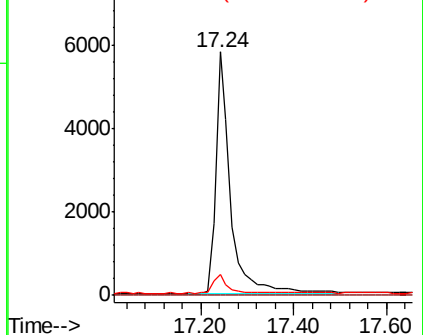
80 8.7 6.4 9.6



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: 0.276 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

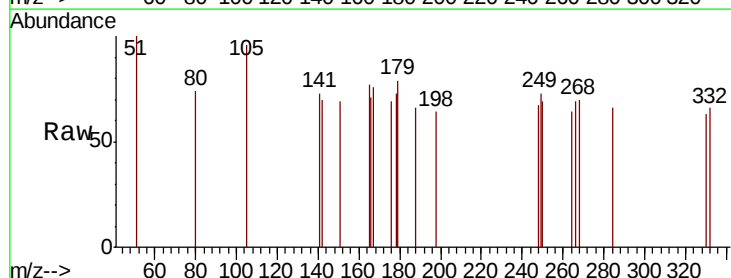
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 93.8 57.7 86.5#

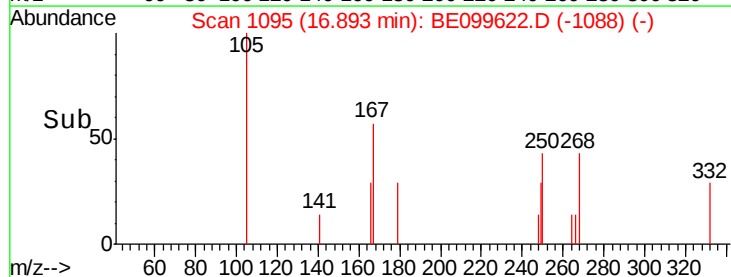
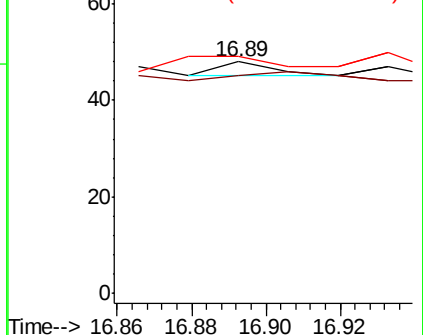
268 102.1 55.8 83.8#

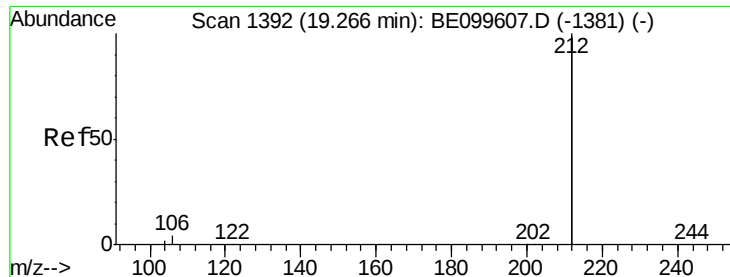


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

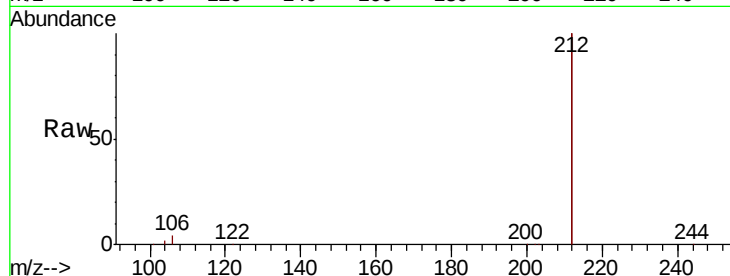




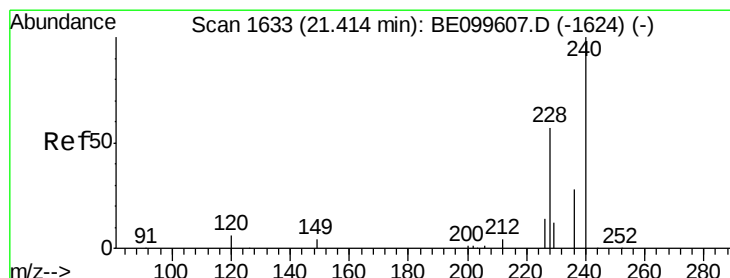
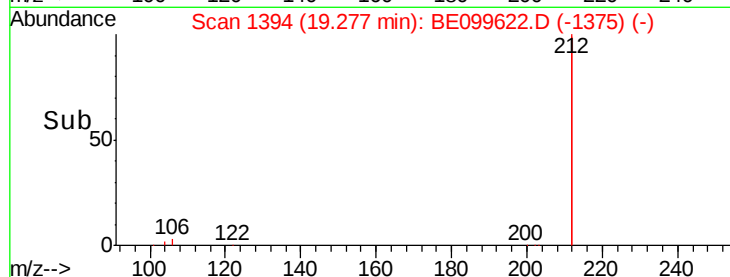
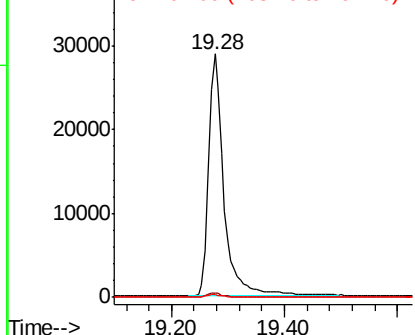
#25
 Fluoranthene-d10
 Concen: 0.309 ng
 RT: 19.28 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BE099622.D
 Acq: 16 May 2019 14:10

Instrument :
 BNA_E
 ClientSampleId :
 PB119274BL

Tgt Ion:212 Resp: 53492
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3

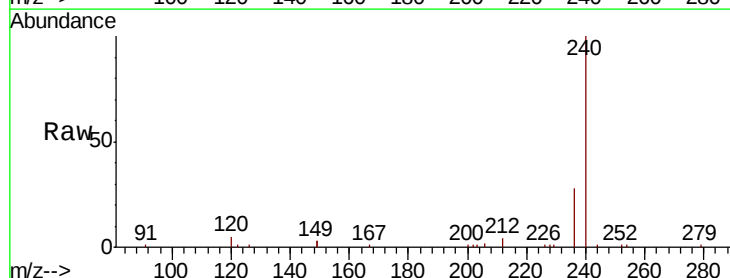


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

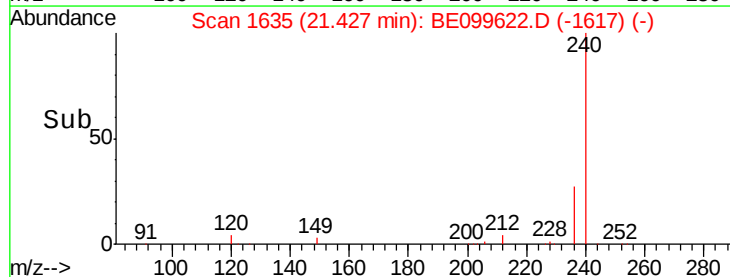
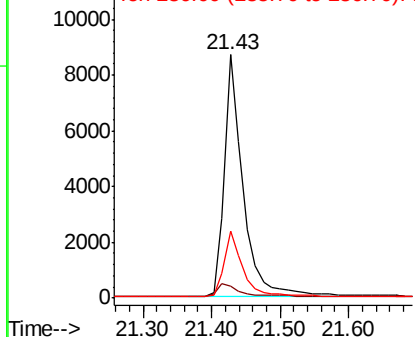


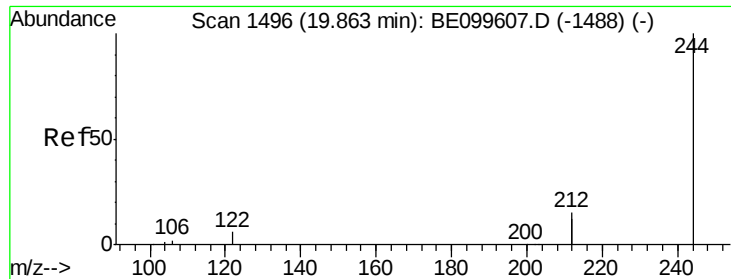
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: BE099622.D
 Acq: 16 May 2019 14:10

Tgt Ion:240 Resp: 16549
 Ion Ratio Lower Upper
 240 100
 120 5.0 5.7 8.5#
 236 27.5 22.8 34.2



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: 0.366 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BE099622.D

Acq: 16 May 2019 14:10

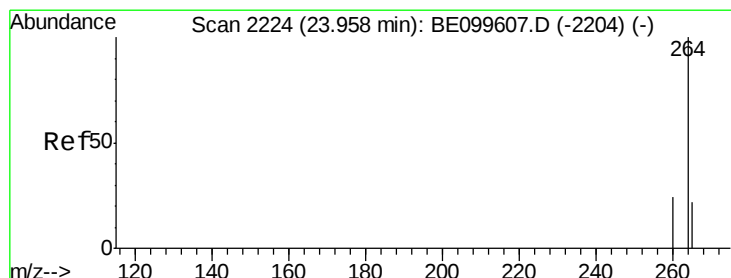
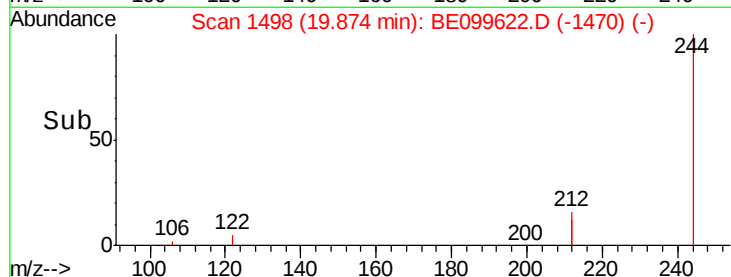
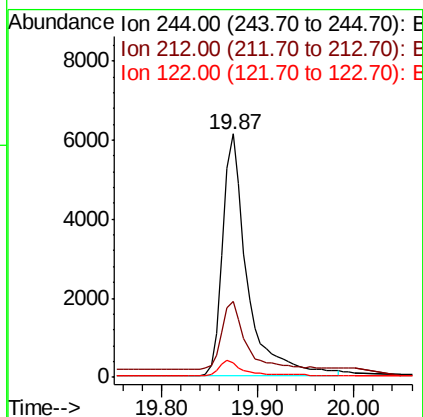
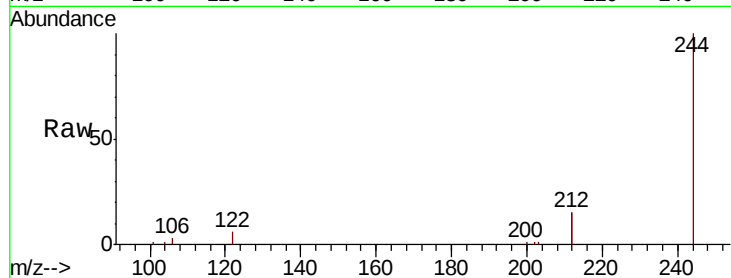
Instrument :

BNA_E

ClientSampleId :

PB119274BL

Tgt Ion:	244	Resp:	10890
Ion	Ratio	Lower	Upper
244	100		
212	31.0	23.8	35.6
122	6.2	5.0	7.6



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.97 min Scan# 2229

Delta R.T. 0.02 min

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Tgt Ion:	264	Resp:	20559
Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.7	29.5
265	25.1	21.2	31.8

