

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100685.D
 Acq On : 28 Oct 2019 22:09
 Operator : JU
 Sample : K5546-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW809-20.0-25.0-102419

Quant Time: Oct 29 12:20:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3548	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15474	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9902	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24034	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	34920	0.40	ng	0.00
34) Perylene-d12	23.82	264	40087	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	2648	0.24	ng	0.00
5) Phenol-d6	7.01	99	2709	0.18	ng	0.00
8) Nitrobenzene-d5	8.99	82	3722	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7594	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1157	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11624	0.32	ng	0.00
25) Fluoranthene-d10	19.22	212	124920	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	30491	0.40	ng	0.00

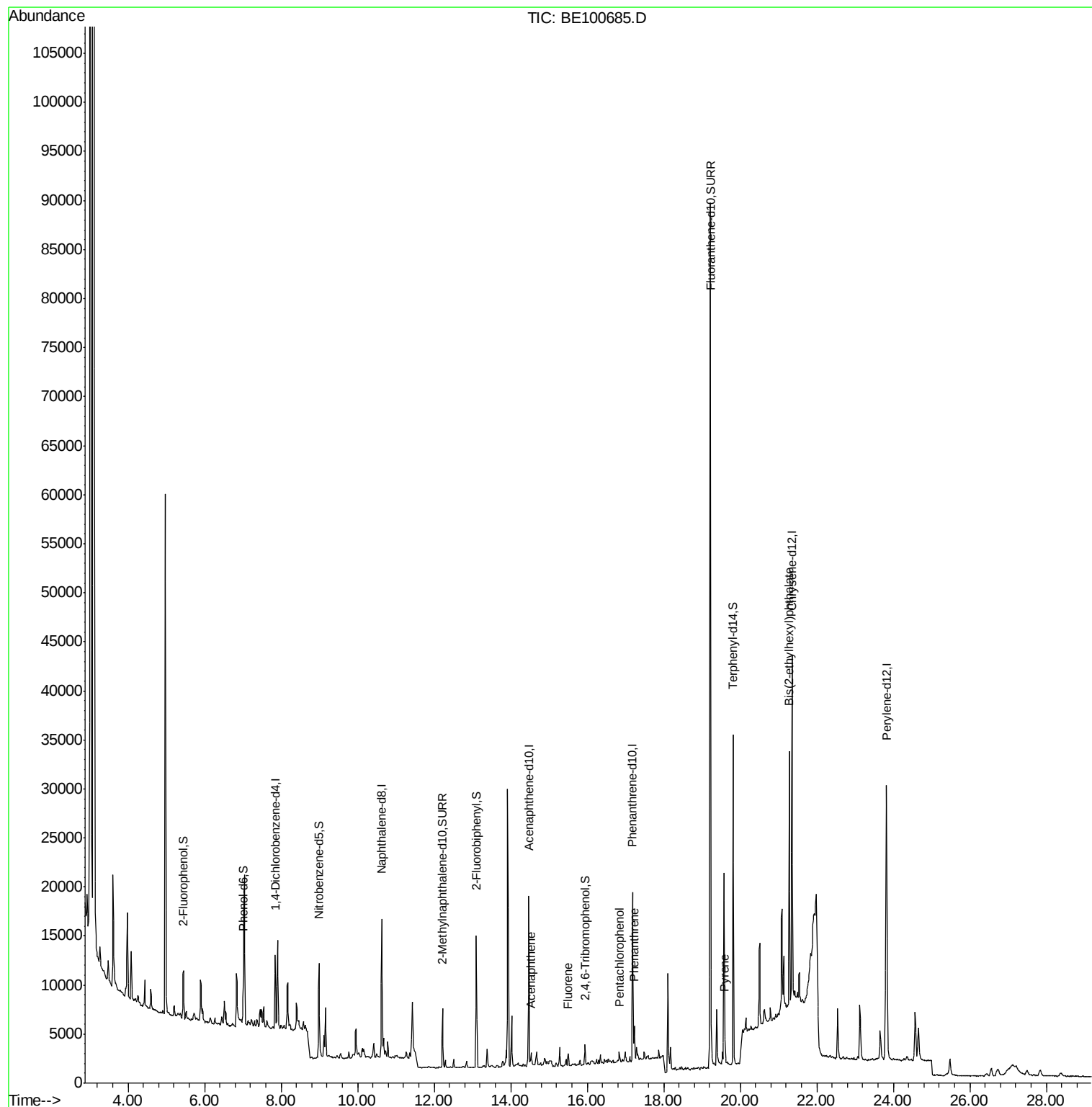
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Acenaphthene	14.53	154	645	0.023	ng	92
18) Fluorene	15.50	166	846	0.023	ng	98
22) Pentachlorophenol	16.84	266	937	0.250	ng	# 41
23) Phenanthrene	17.23	178	3992	0.060	ng	# 94
28) Pyrene	19.60	202	1987	0.020	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.28	149	30073	0.126	ng	100

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

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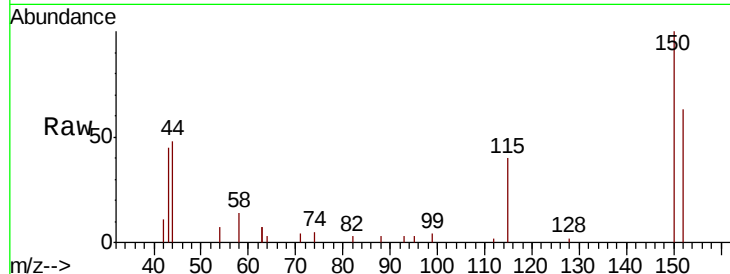


#1

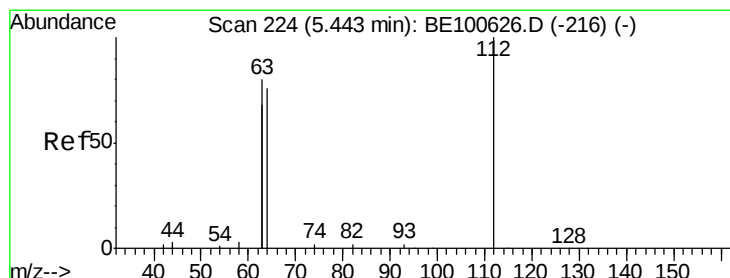
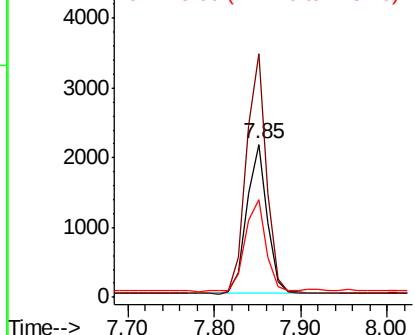
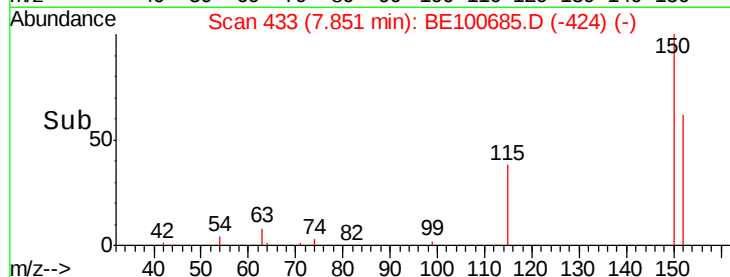
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.85 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BE100685.D
 Acq: 28 Oct 2019 22:09

Instrument :
 BNA_E
 ClientSampleId :
 GW809-20.0-25.0-102419

Tot Ion:152 Resp: 3548
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.3 184.9
 115 64.0 51.9 77.9



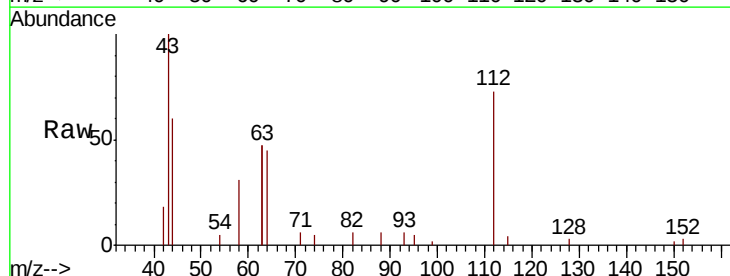
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



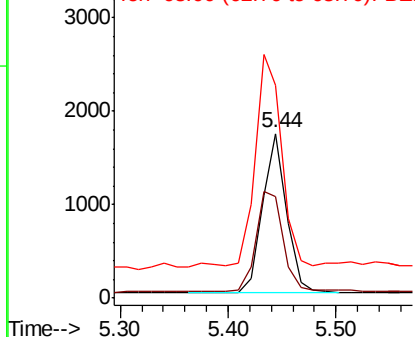
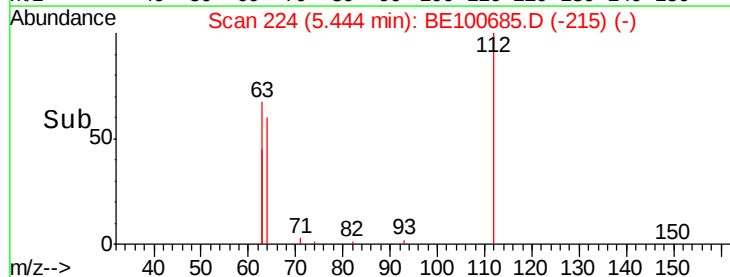
#4

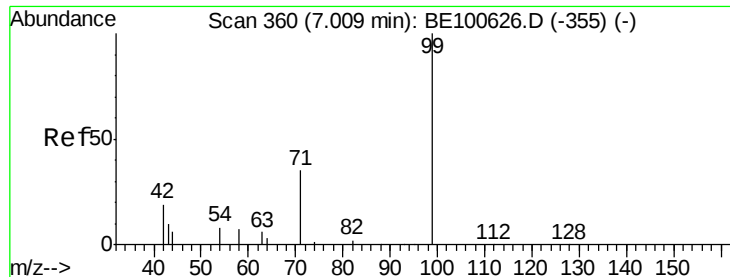
2-Fluorophenol
 Concen: 0.242 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE100685.D
 Acq: 28 Oct 2019 22:09

Tgt Ion:112 Resp: 2648
 Ion Ratio Lower Upper
 112 100
 64 71.8 55.4 83.2
 63 145.7 114.2 171.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE1
 Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.175 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100685.D

Acq: 28 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

GW809-20.0-25.0-102419

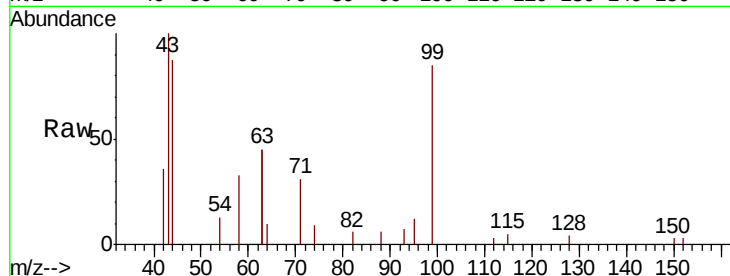
Tot Ion: 99 Resp: 2709

Ion Ratio Lower Upper

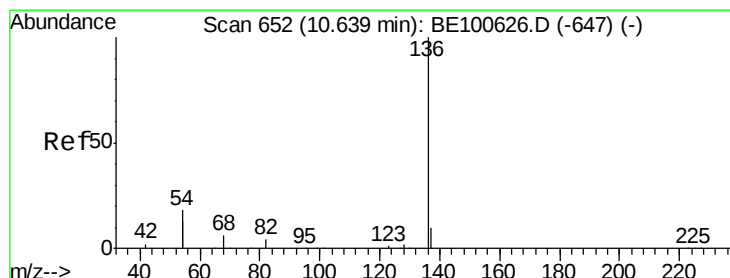
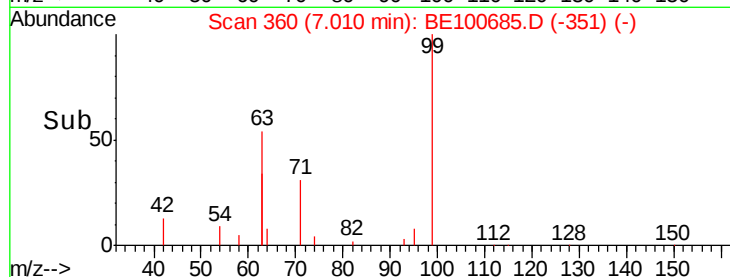
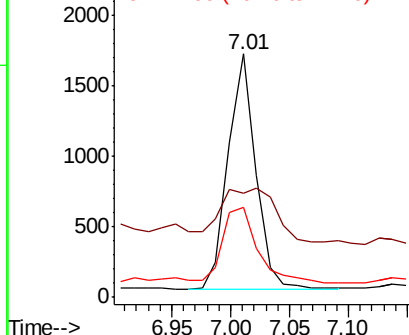
99 100

42 51.9 17.7 26.5#

71 40.6 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100685.D

Acq: 28 Oct 2019 22:09

Tgt Ion: 136 Resp: 15474

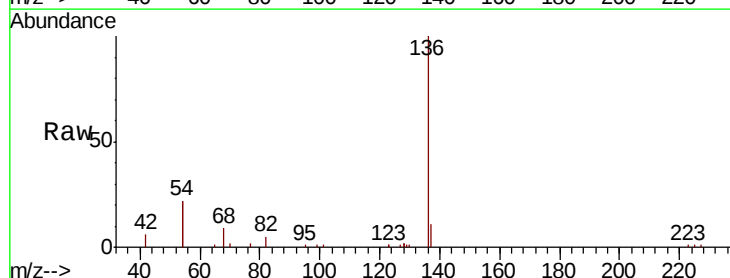
Ion Ratio Lower Upper

136 100

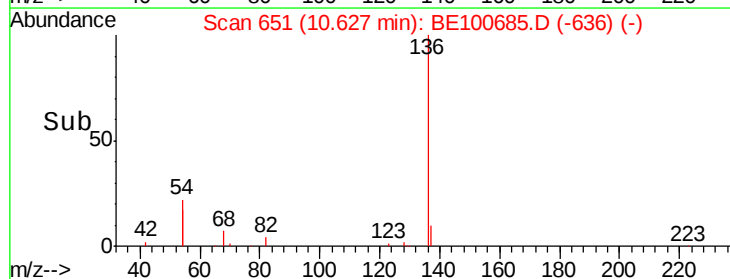
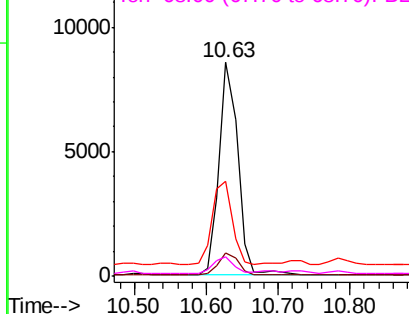
137 10.8 9.2 13.8

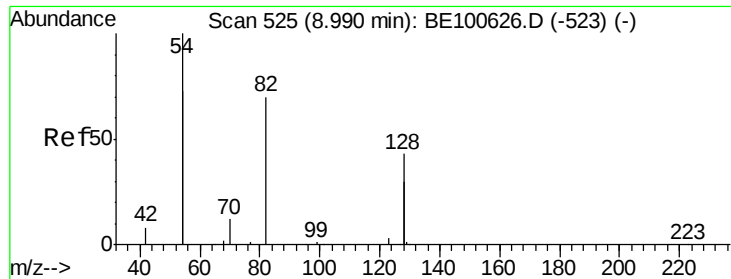
54 44.5 39.4 59.2

68 8.7 8.0 12.0



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): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.388 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100685.D

Acq: 28 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

GW809-20.0-25.0-102419

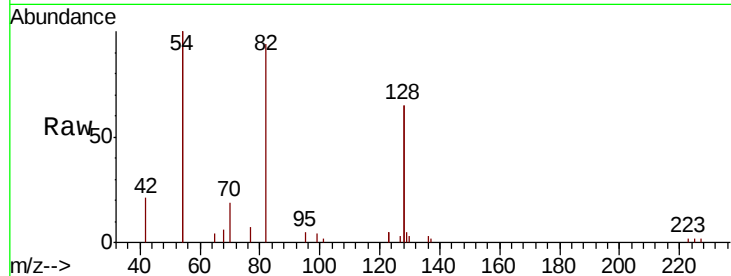
Tot Ion: 82 Resp: 3722

Ion Ratio Lower Upper

82 100

128 137.3 107.8 161.8

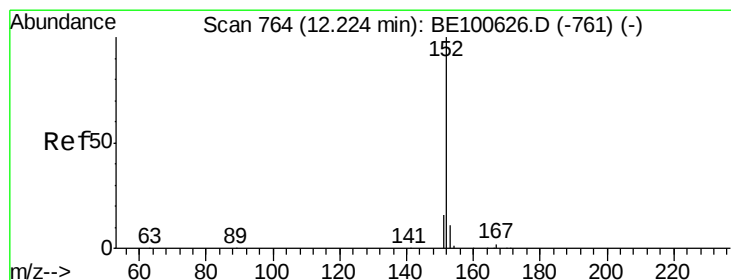
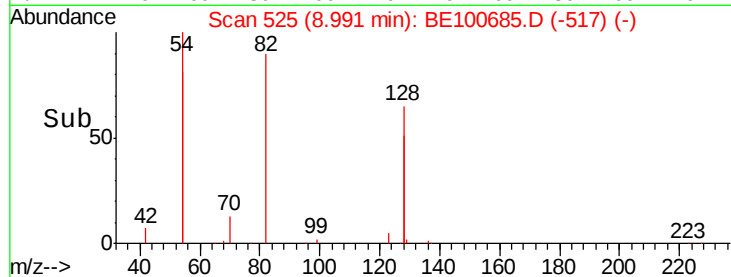
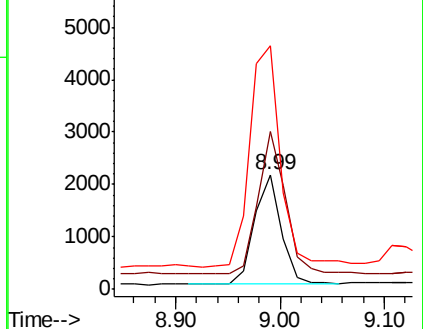
54 212.2 166.1 249.1



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100685.D

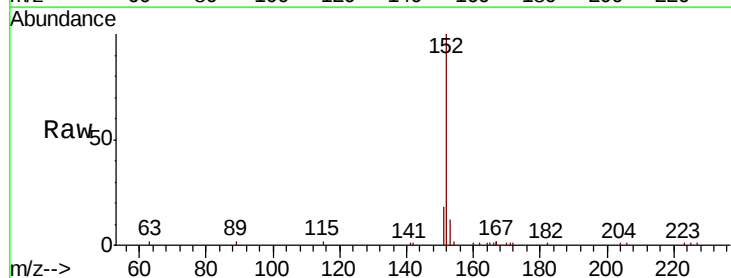
Acq: 28 Oct 2019 22:09

Tgt Ion: 152 Resp: 7594

Ion Ratio Lower Upper

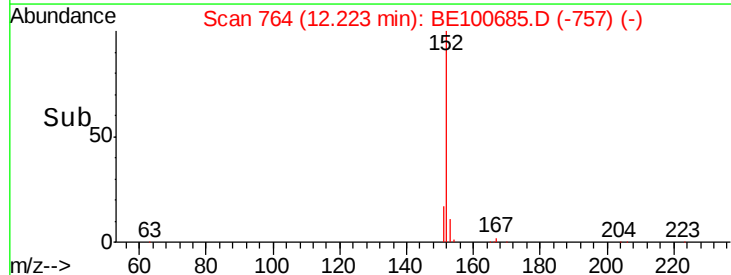
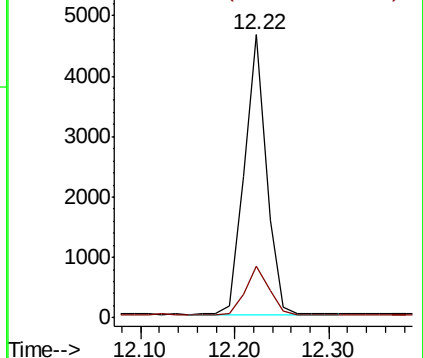
152 100

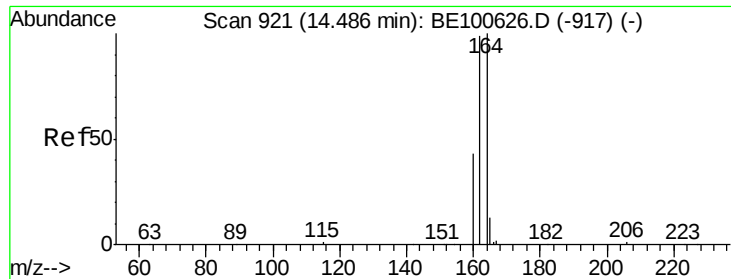
151 18.6 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

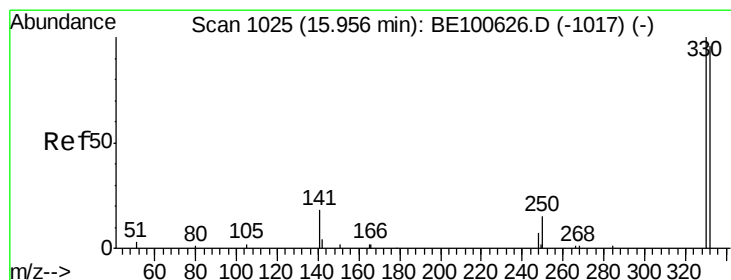
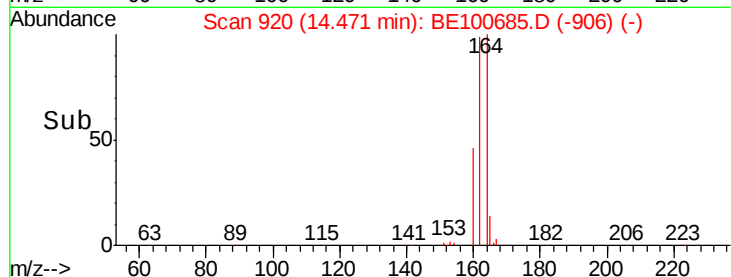
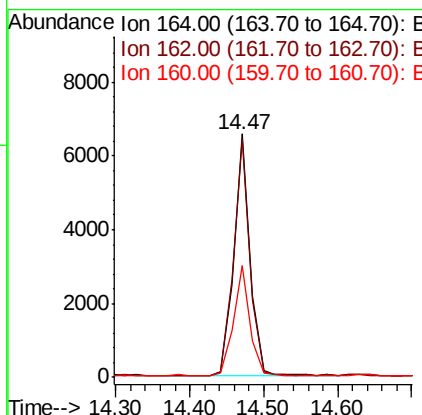
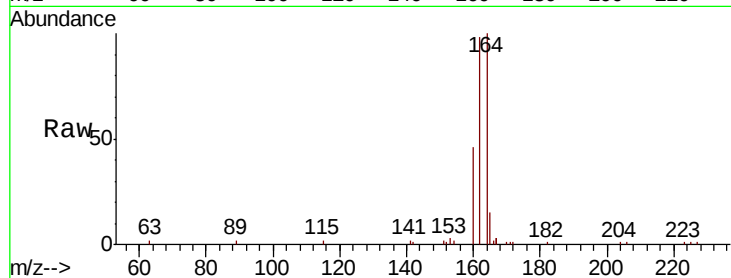




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100685.D
 Acq: 28 Oct 2019 22:09

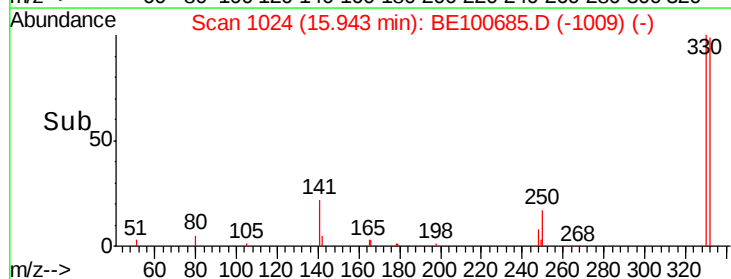
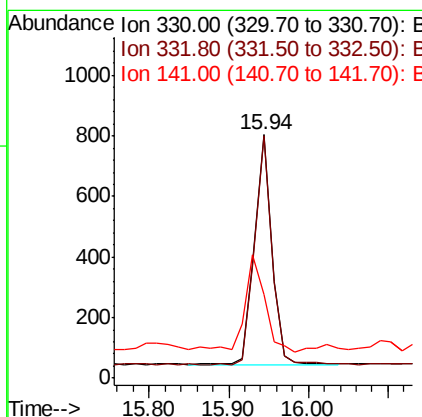
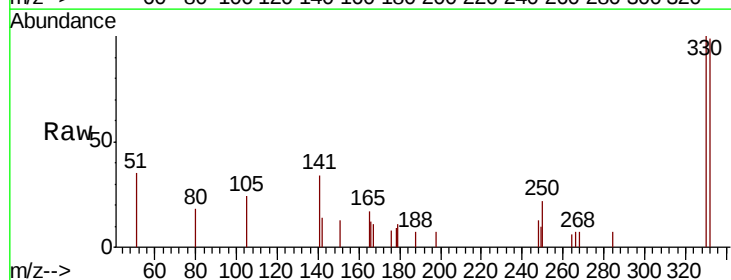
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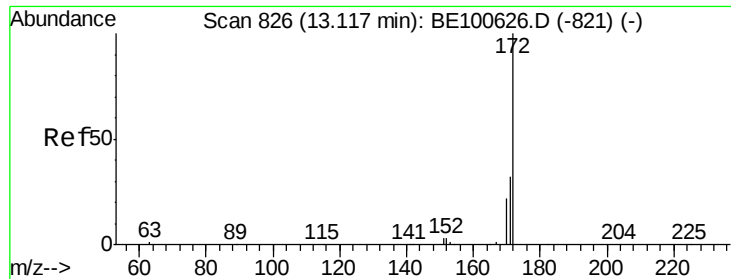
Tot Ion:164 Resp: 9902
 Ion Ratio Lower Upper
 164 100
 162 98.2 82.0 123.0
 160 45.8 37.5 56.3



#14
 2,4,6-Tribromophenol
 Concen: 0.442 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE100685.D
 Acq: 28 Oct 2019 22:09

Tgt Ion:330 Resp: 1157
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.9 116.9
 141 48.5 33.0 49.6

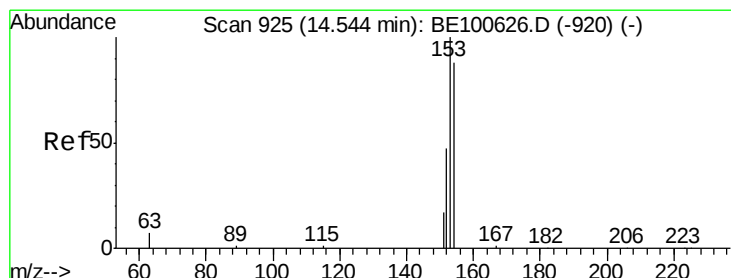
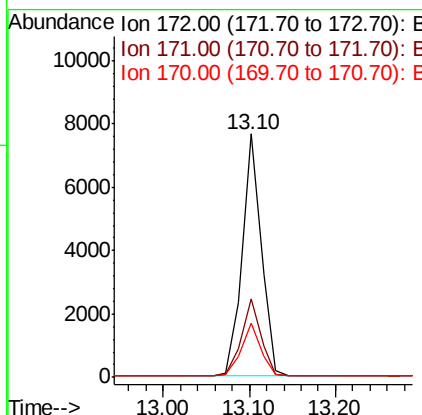
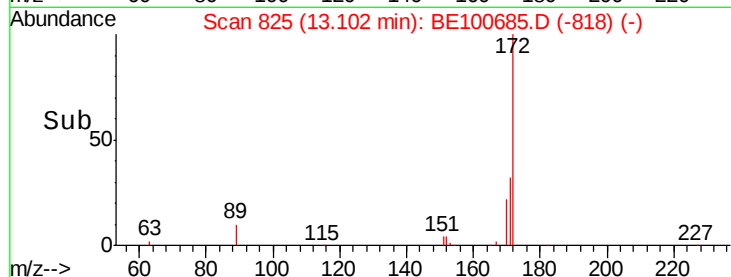
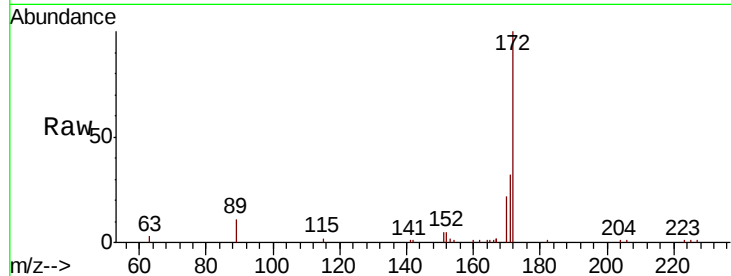




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100685.D
Acq: 28 Oct 2019 22:09

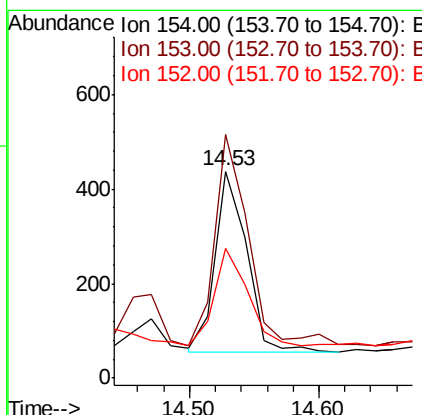
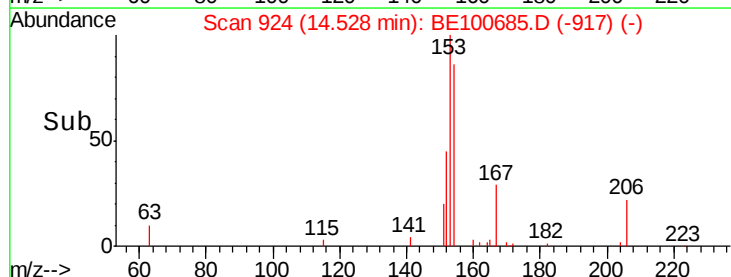
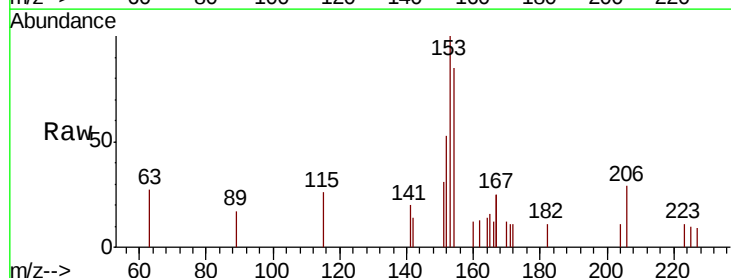
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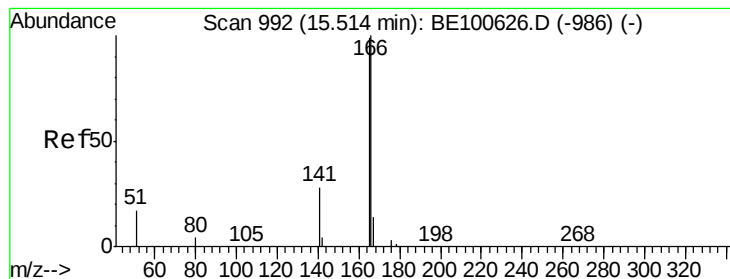
Tot Ion:172 Resp: 11624
Ion Ratio Lower Upper
172 100
171 32.3 26.5 39.7
170 22.2 19.0 28.4



#17
Acenaphthene
Concen: 0.023 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100685.D
Acq: 28 Oct 2019 22:09

Tgt Ion:154 Resp: 645
Ion Ratio Lower Upper
154 100
153 123.6 89.4 134.2
152 57.4 44.1 66.1





#18

Fluorene

Concen: 0.023 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100685.D

Acq: 28 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

GW809-20.0-25.0-102419

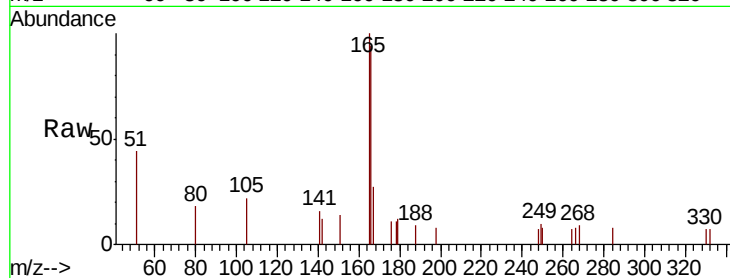
Tot Ion:166 Resp: 846

Ion Ratio Lower Upper

166 100

165 100.1 78.6 117.8

167 16.2 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.50

600

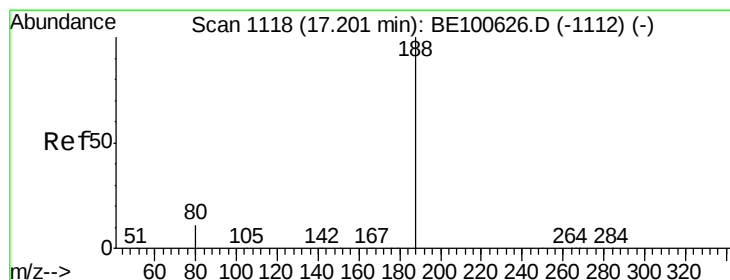
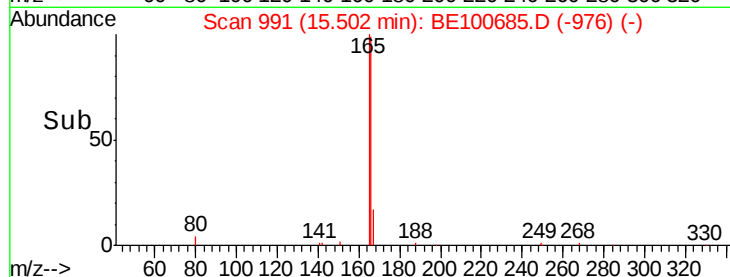
400

200

0

15.40 15.50 15.60

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100685.D

Acq: 28 Oct 2019 22:09

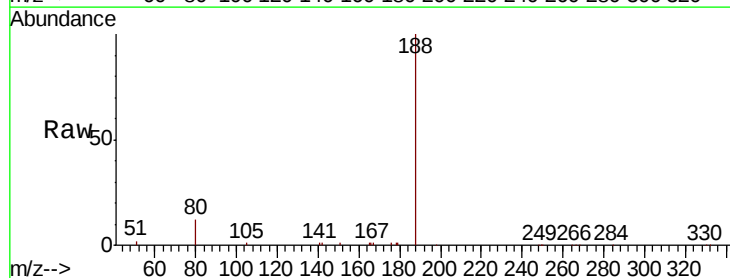
Tgt Ion:188 Resp: 24034

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 5.4 8.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

17.19

20000

15000

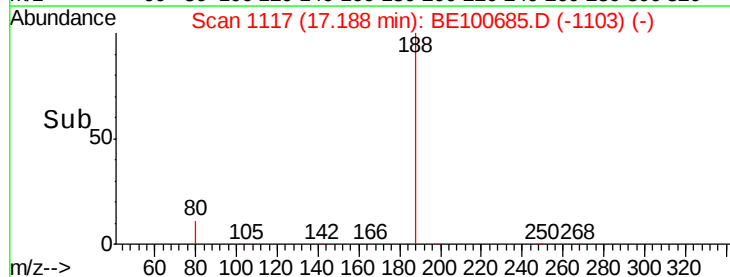
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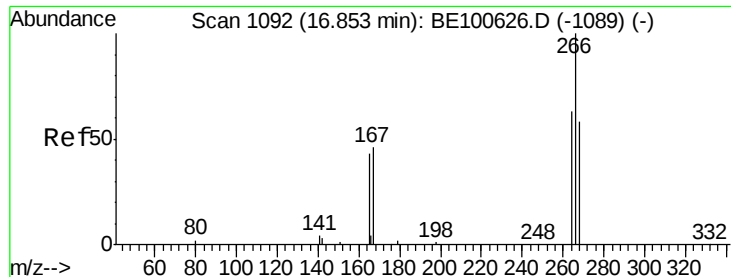
5000

0

17.10 17.20

Time-->

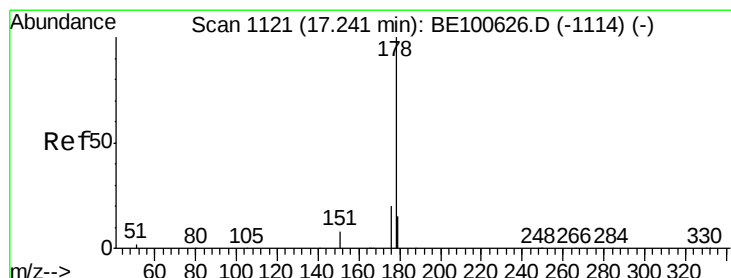
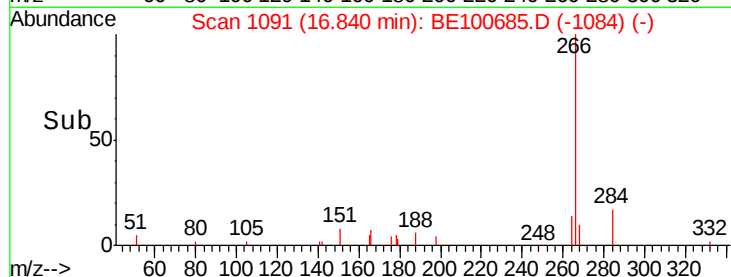
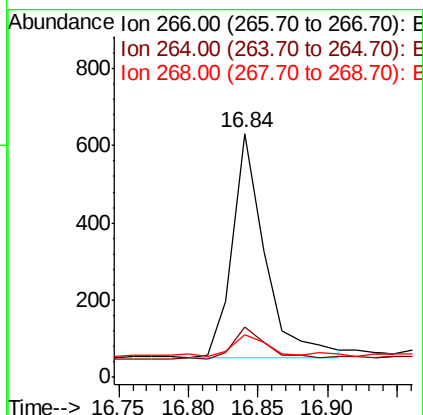
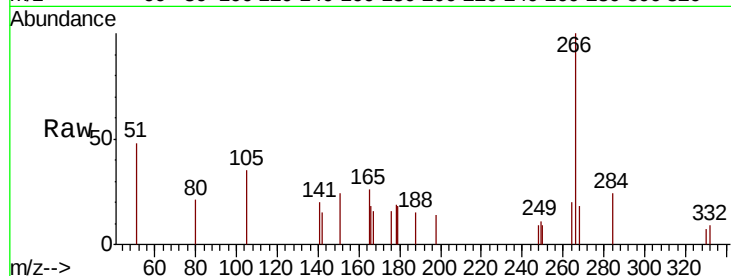




#22
 Pentachlorophenol
 Concen: 0.250 ng
 RT: 16.84 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BE100685.D
 Acq: 28 Oct 2019 22:09

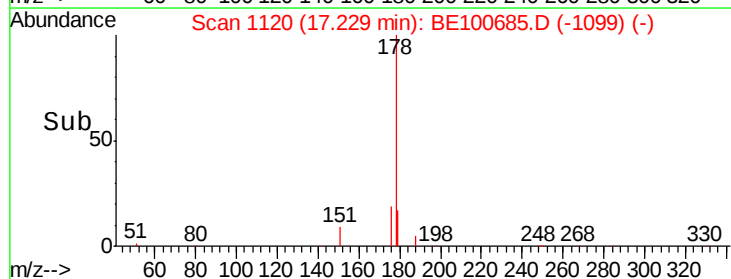
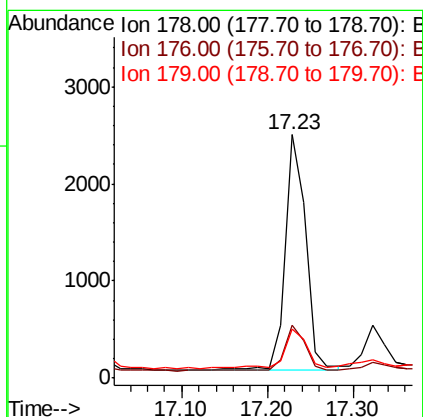
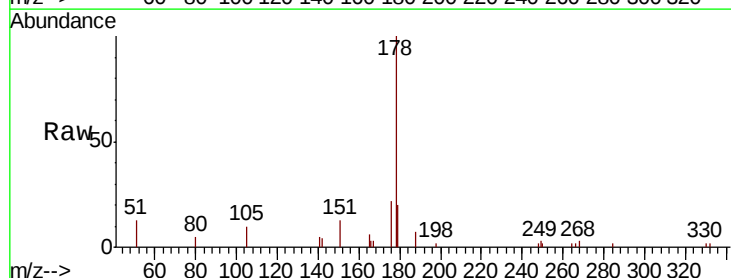
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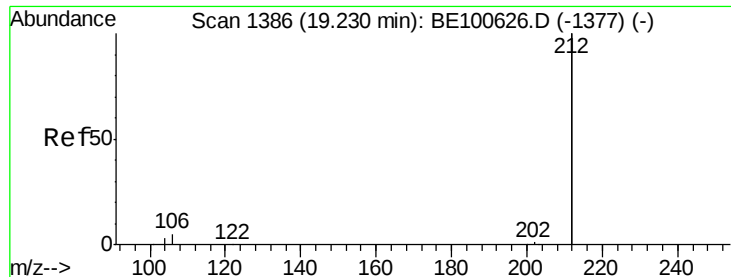
Tot Ion:266 Resp: 937
 Ion Ratio Lower Upper
 266 100
 264 20.4 52.2 78.4#
 268 17.7 53.1 79.7#



#23
 Phenanthrene
 Concen: 0.060 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BE100685.D
 Acq: 28 Oct 2019 22:09

Tgt Ion:178 Resp: 3992
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 20.1 12.1 18.1#





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE100685.D

Acq: 28 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

GW809-20.0-25.0-102419

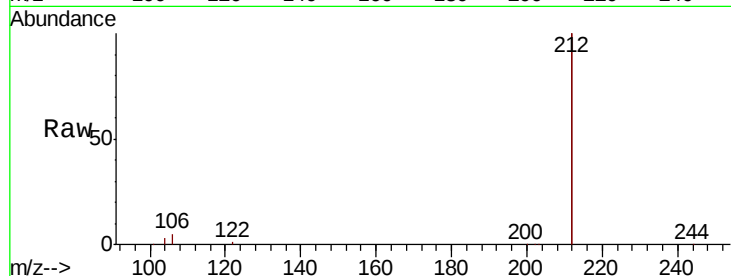
Tot Ion:212 Resp: 124920

Ion Ratio Lower Upper

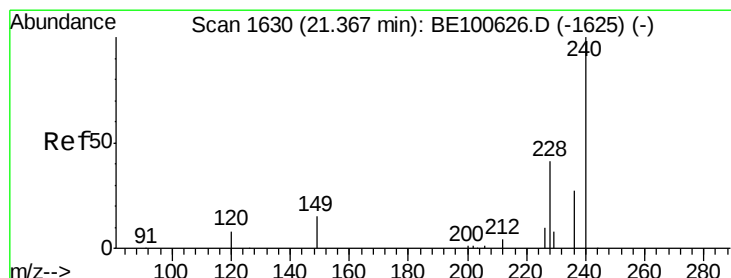
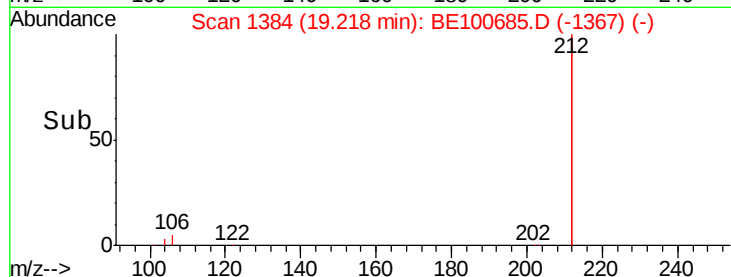
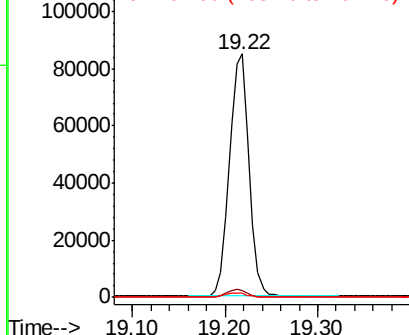
212 100

106 3.1 2.3 3.5

104 1.6 1.3 1.9



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: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100685.D

Acq: 28 Oct 2019 22:09

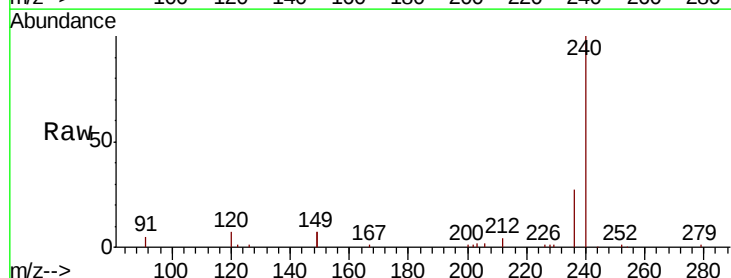
Tgt Ion:240 Resp: 34920

Ion Ratio Lower Upper

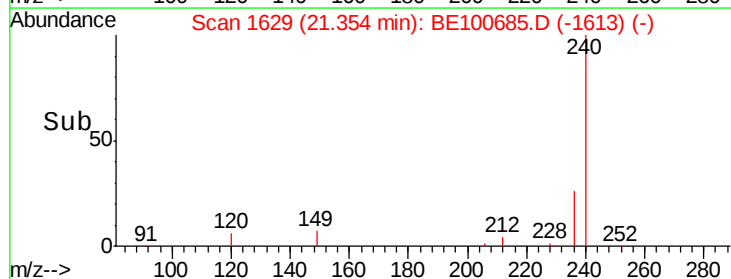
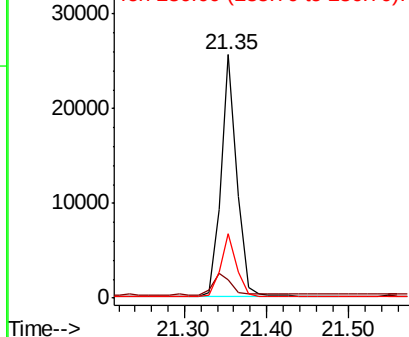
240 100

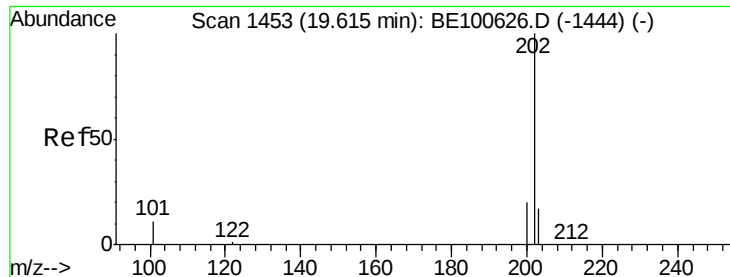
120 7.4 7.6 11.4#

236 26.6 22.1 33.1



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

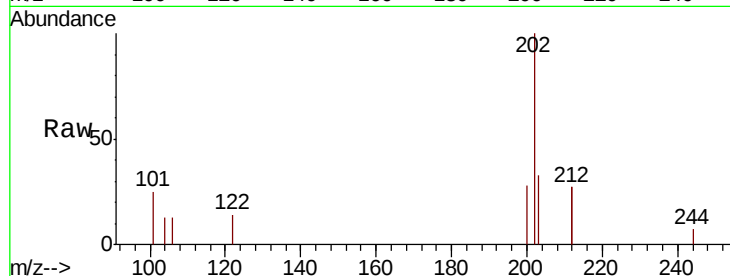




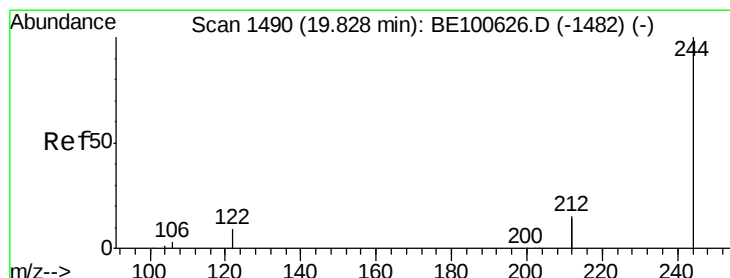
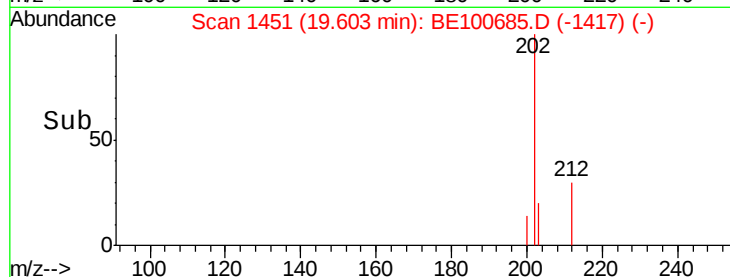
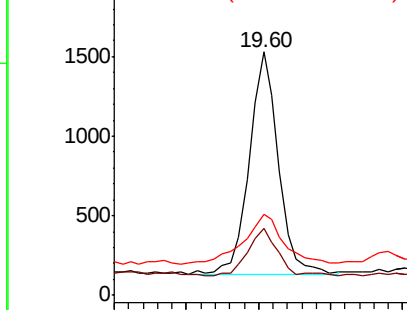
#28
Pvrene
Concen: 0.020 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100685.D
Acq: 28 Oct 2019 22:09

Instrument :
BNA_E
ClientSampleId :
GW809-20.0-25.0-102419

Tot Ion:202 Resp: 1987
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 31.1 14.0 21.0#

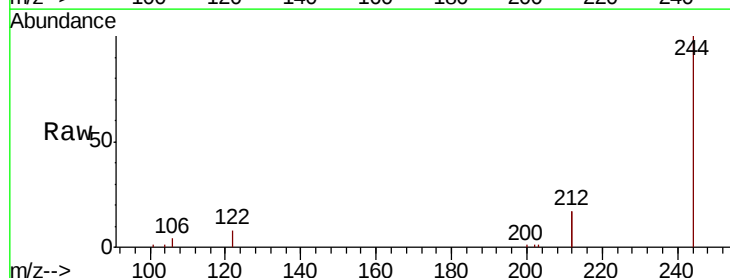


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

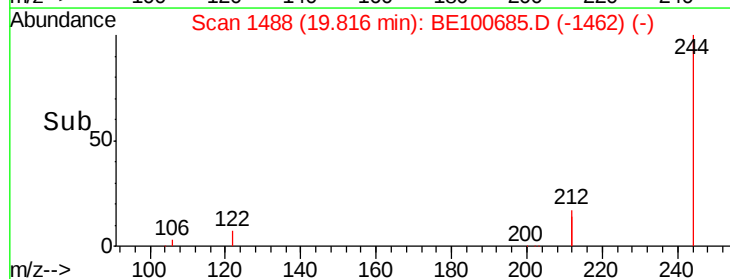
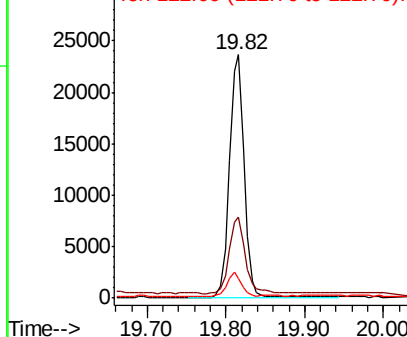


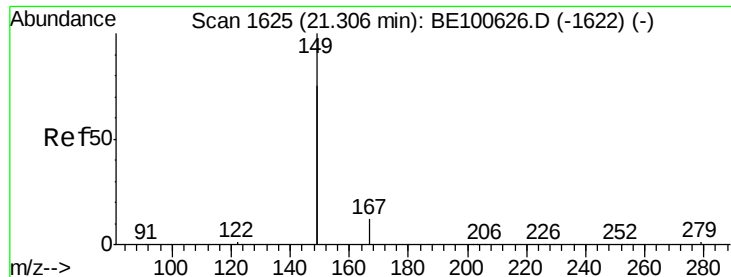
#29
Terphenyl-d14
Concen: 0.399 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE100685.D
Acq: 28 Oct 2019 22:09

Tgt Ion:244 Resp: 30491
Ion Ratio Lower Upper
244 100
212 33.5 23.7 35.5
122 8.2 7.9 11.9



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

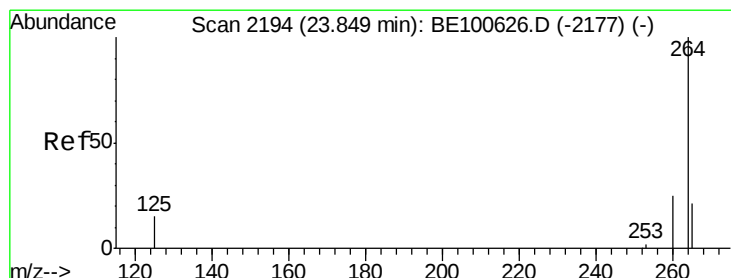
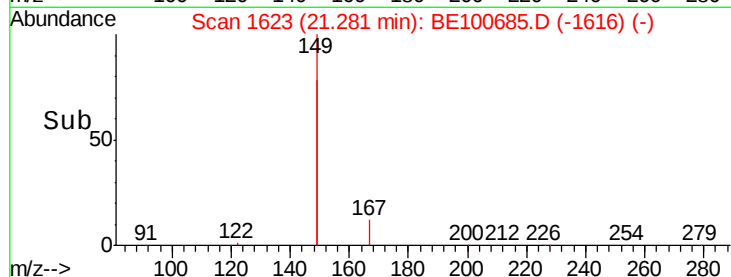
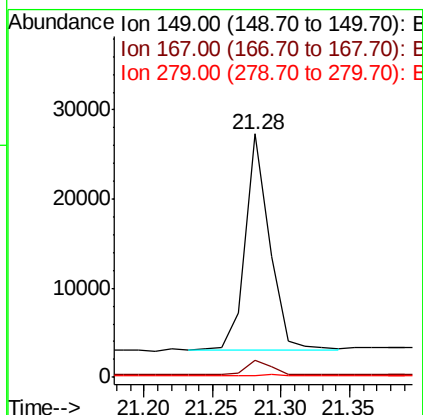
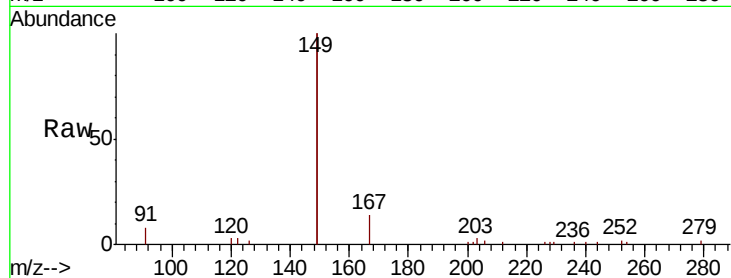




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.126 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE100685.D
 Acq: 28 Oct 2019 22:09

Instrument :
 BNA_E
 ClientSampleId :
 GW809-20.0-25.0-102419

Tot Ion:149 Resp: 30073
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.5 8.3
 279 1.1 0.9 1.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.82 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BE100685.D
 Acq: 28 Oct 2019 22:09

Tgt Ion:264 Resp: 40087
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 27.4 21.7 32.5

