

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100665.D
 Acq On : 23 Oct 2019 17:17
 Operator : JU
 Sample : PB124100BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 23 18:21:00 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	3884	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	14833	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	8413	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	18687	0.40	ng	0.00
27) Chrysene-d12	21.35	240	26459	0.40	ng	0.00
34) Perylene-d12	23.83	264	34191	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	4422	0.37	ng	0.00
5) Phenol-d6	7.01	99	6256	0.37	ng	0.00
8) Nitrobenzene-d5	8.99	82	4091	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8128	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	803	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11156	0.36	ng	0.00
25) Fluoranthene-d10	19.22	212	87440	0.36	ng	0.00
29) Terphenyl-d14	19.82	244	18532	0.32	ng	0.00

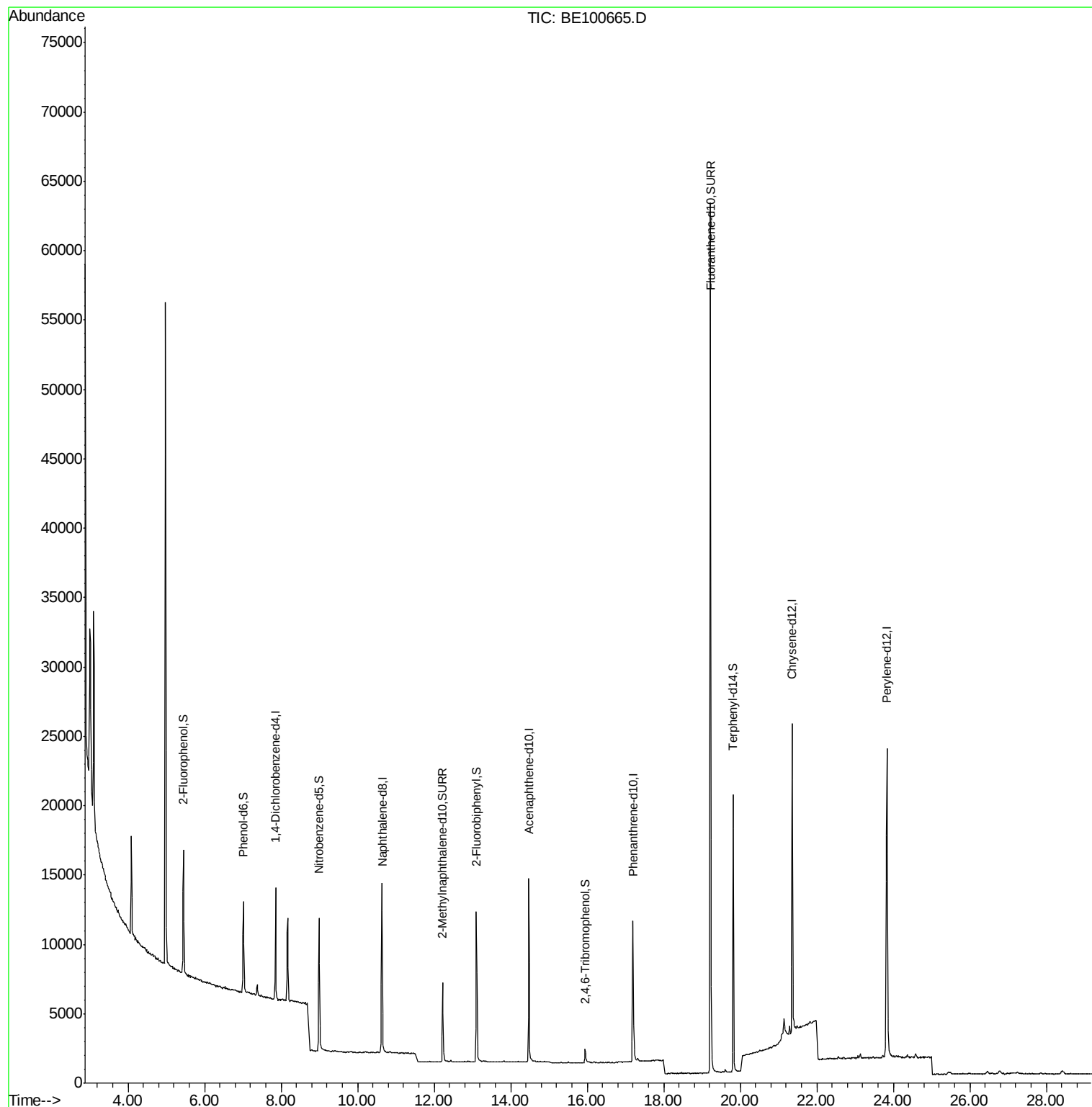
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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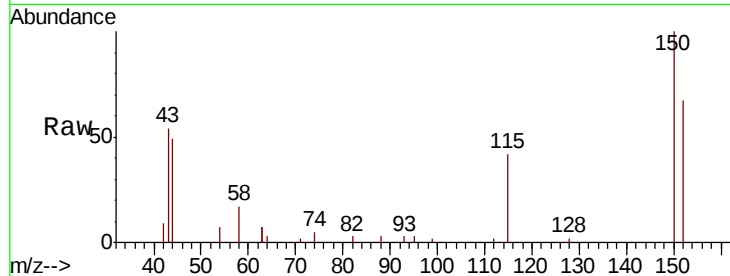


#1

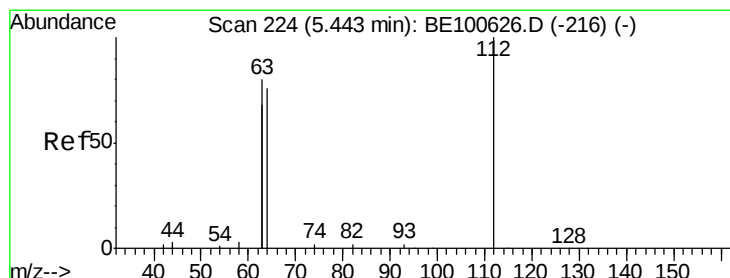
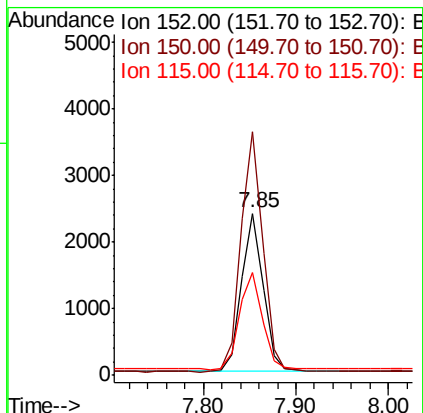
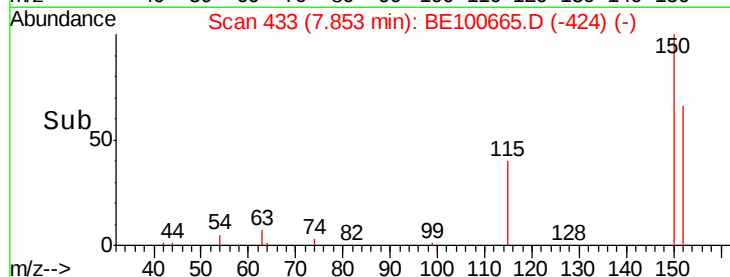
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100665.D
Acq: 23 Oct 2019 17:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3884
Ion Ratio Lower Upper
152 100
150 150.2 123.3 184.9
115 63.8 51.9 77.9



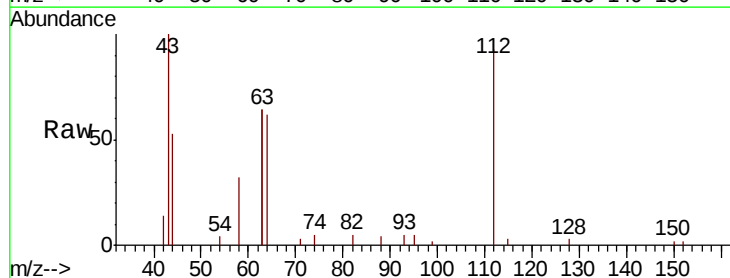
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



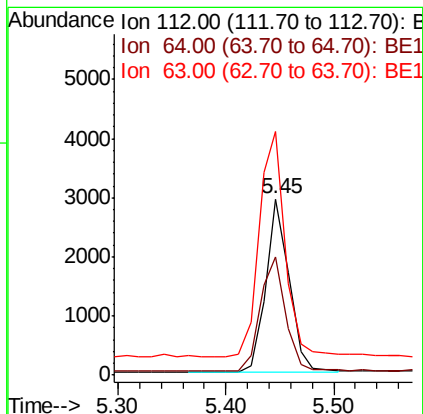
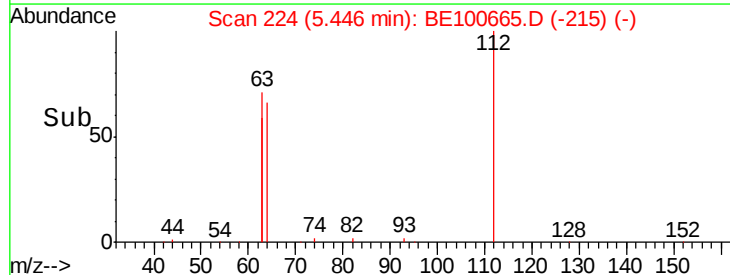
#4

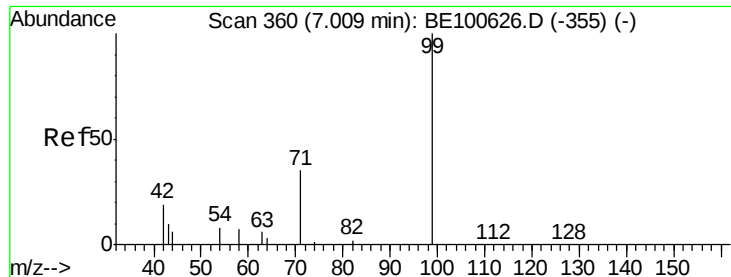
2-Fluorophenol
Concen: 0.369 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100665.D
Acq: 23 Oct 2019 17:17

Tgt Ion:112 Resp: 4422
Ion Ratio Lower Upper
112 100
64 71.0 55.4 83.2
63 143.1 114.2 171.4



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: 0.370 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100665.D

Acq: 23 Oct 2019 17:17

Instrument :

BNA_E

ClientSampleId :

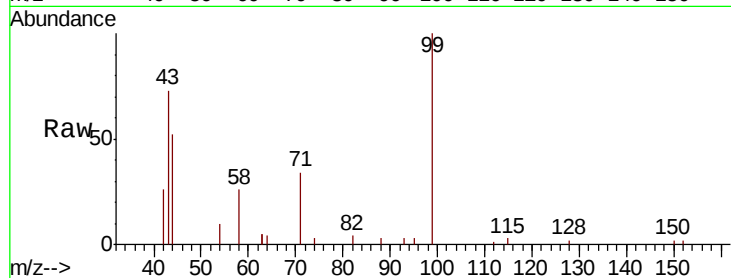
Tot Ion: 99 Resp: 6256

Ion Ratio Lower Upper

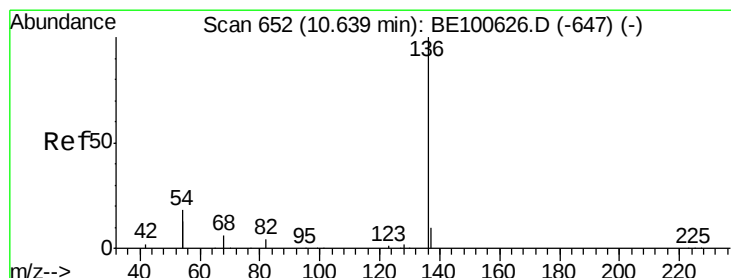
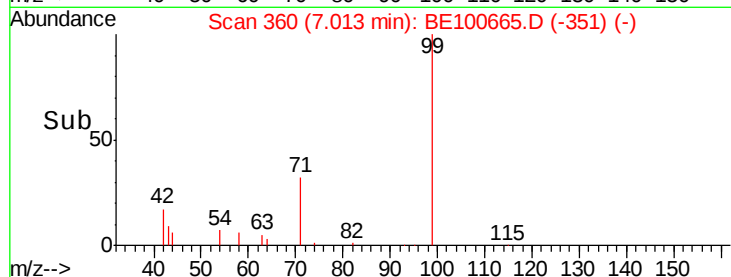
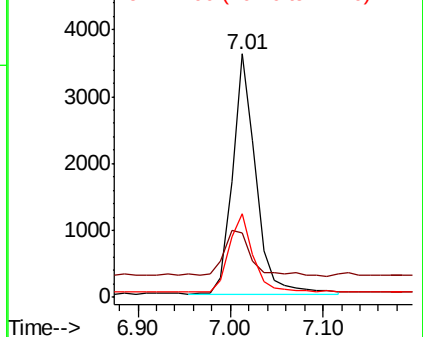
99 100

42 22.2 17.7 26.5

71 33.6 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: 10.64 min Scan# 652

Delta R.T. 0.01 min

Lab File: BE100665.D

Acq: 23 Oct 2019 17:17

Tgt Ion: 136 Resp: 14833

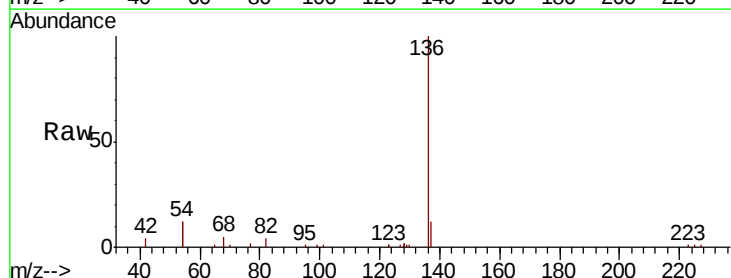
Ion Ratio Lower Upper

136 100

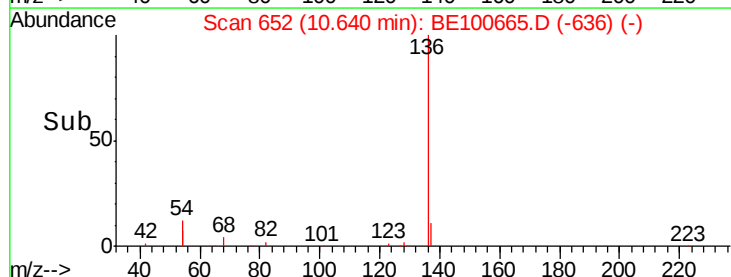
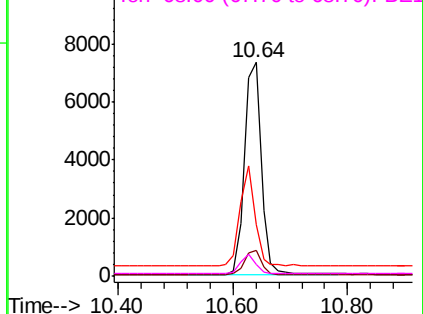
137 11.9 9.2 13.8

54 24.1 39.4 59.2#

68 5.4 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

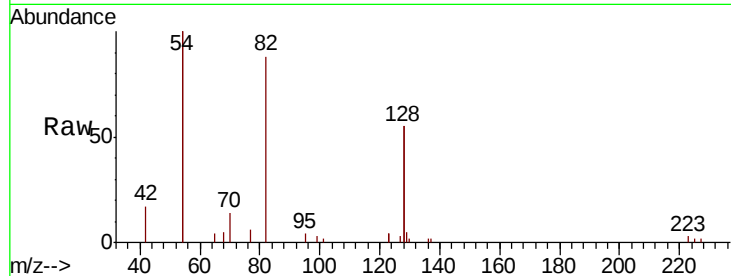




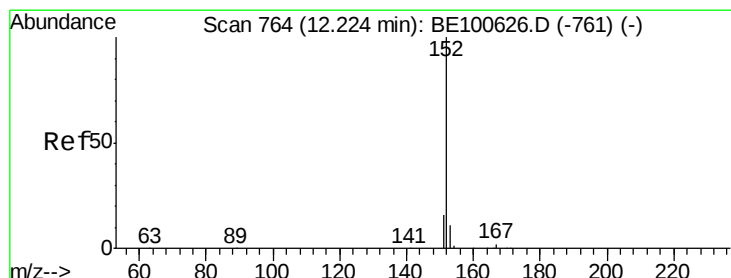
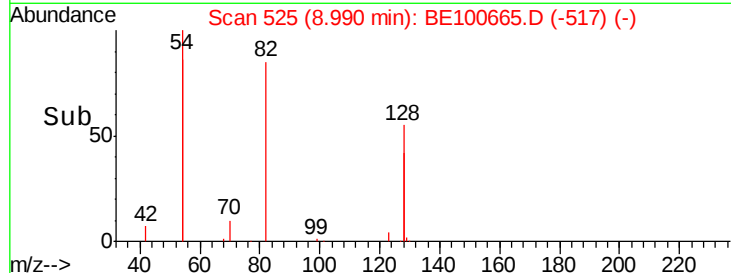
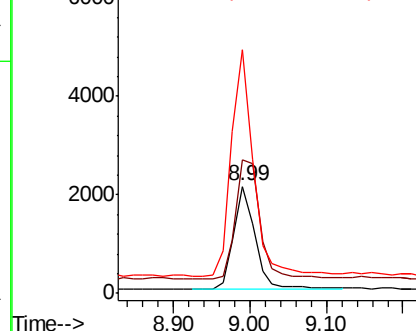
#8
 Nitrobenzene-d5
 Concen: 0.445 ng
 RT: 8.99 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BE100665.D
 Acq: 23 Oct 2019 17:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	124.2	107.8	161.8
54	227.1	166.1	249.1

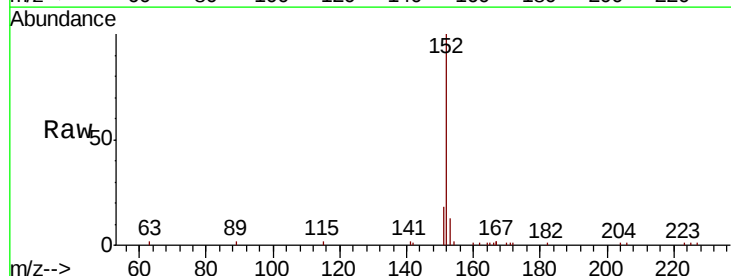


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

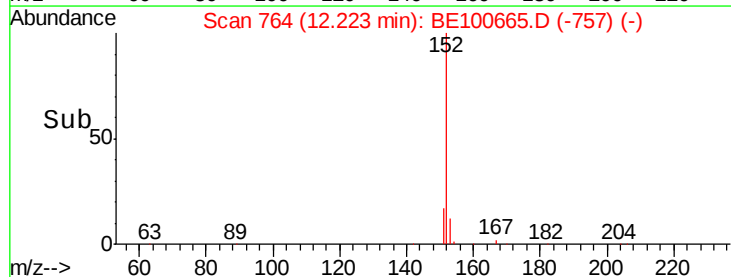
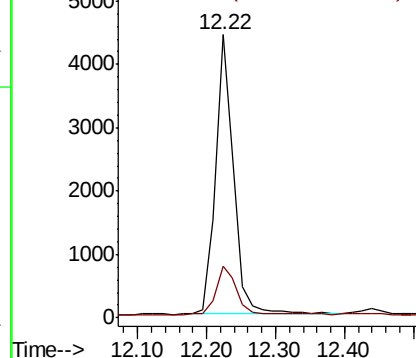


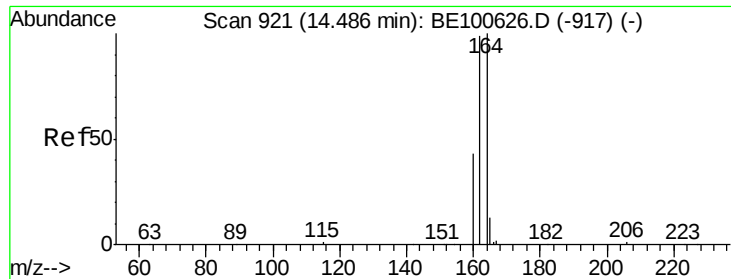
#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100665.D
 Acq: 23 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	14.7	22.1



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

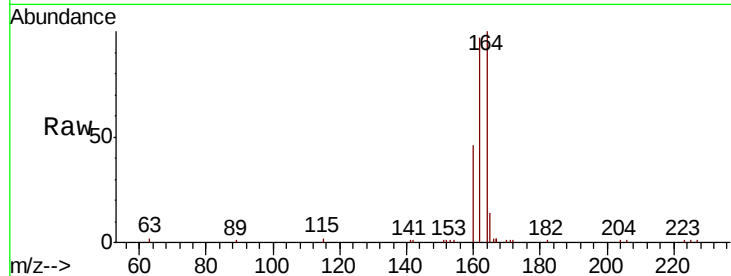




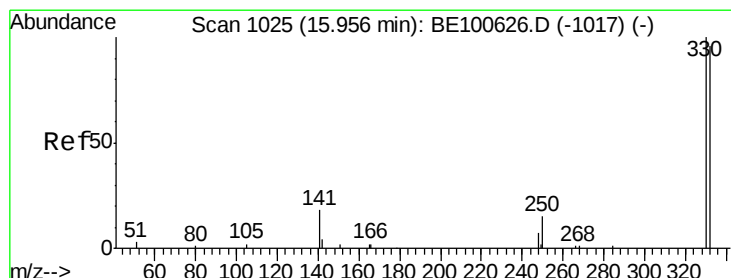
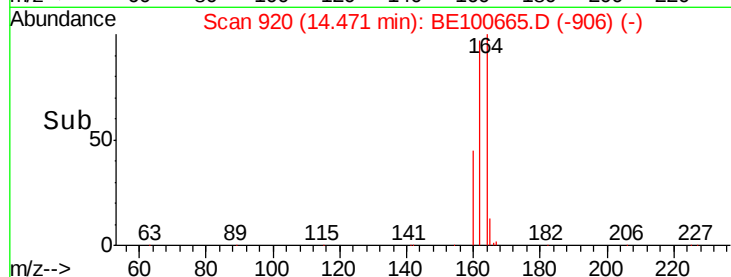
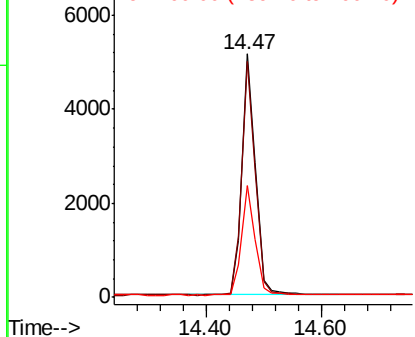
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100665.D
 Acq: 23 Oct 2019 17:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 8413
 Ion Ratio Lower Upper
 164 100
 162 97.0 82.0 123.0
 160 45.8 37.5 56.3

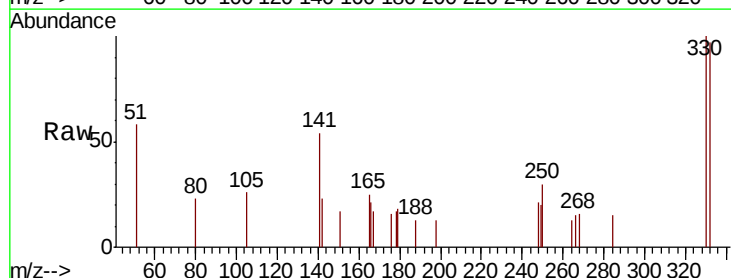


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

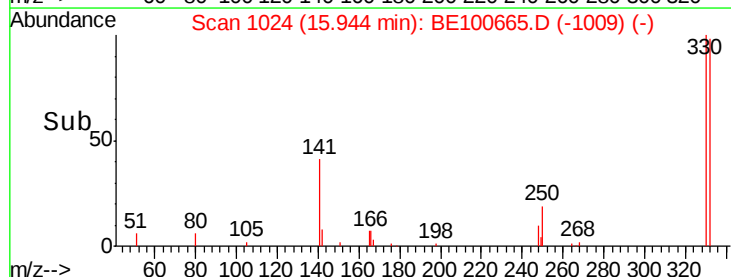
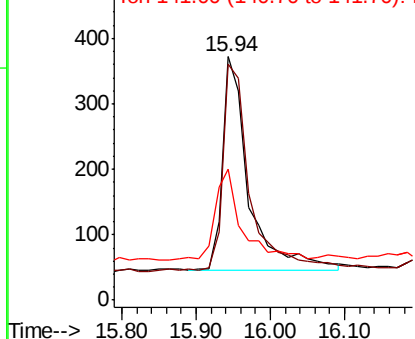


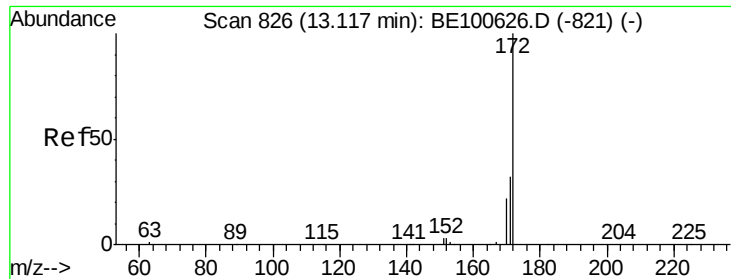
#14
 2,4,6-Tribromophenol
 Concen: 0.361 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE100665.D
 Acq: 23 Oct 2019 17:17

Tgt Ion:330 Resp: 803
 Ion Ratio Lower Upper
 330 100
 332 101.5 77.9 116.9
 141 44.7 33.0 49.6



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

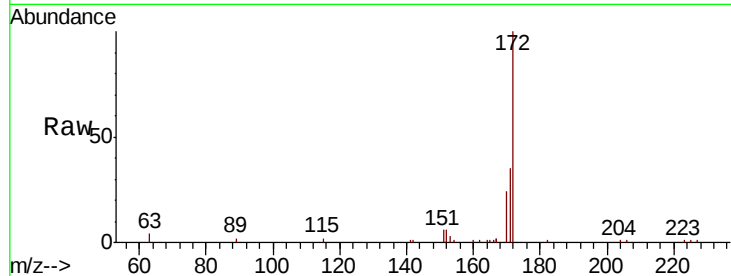




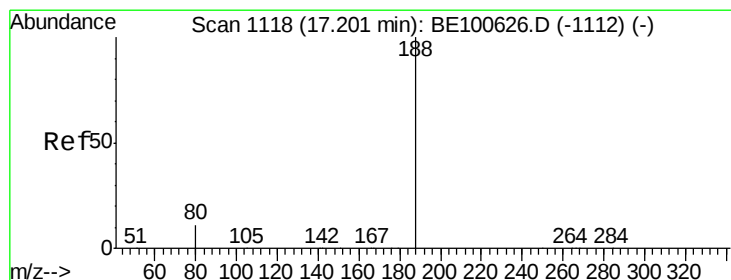
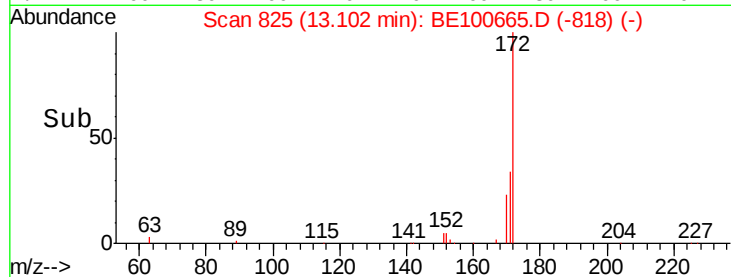
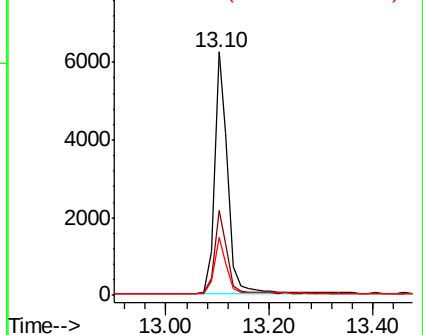
#15
 2-Fluorobiphenyl
 Concen: 0.364 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE100665.D
 Acq: 23 Oct 2019 17:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 11156
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.5 39.7
 170 23.7 19.0 28.4

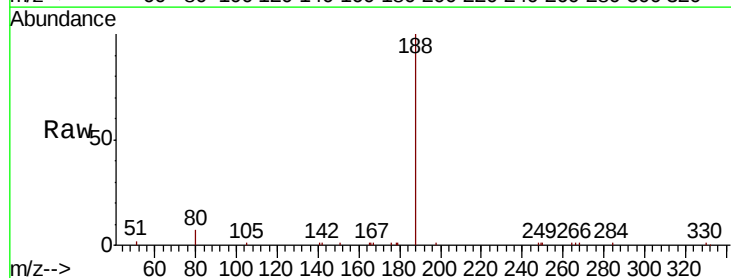


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

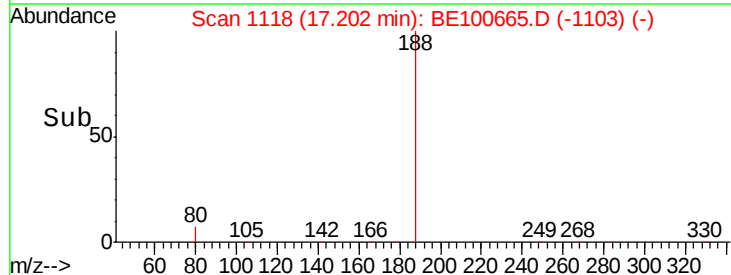
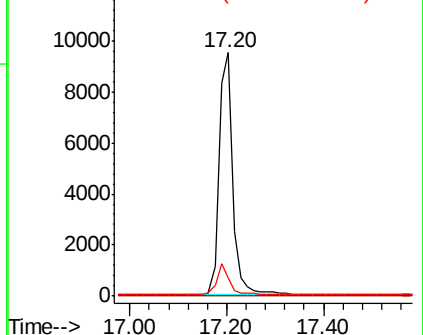


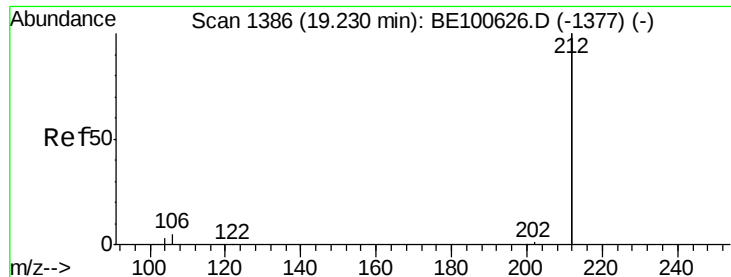
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BE100665.D
 Acq: 23 Oct 2019 17:17

Tgt Ion:188 Resp: 18687
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.4 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





#25

Fluoranthene-d10

Concen: 0.363 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE100665.D

Acq: 23 Oct 2019 17:17

Instrument :

BNA_E

ClientSampleId :

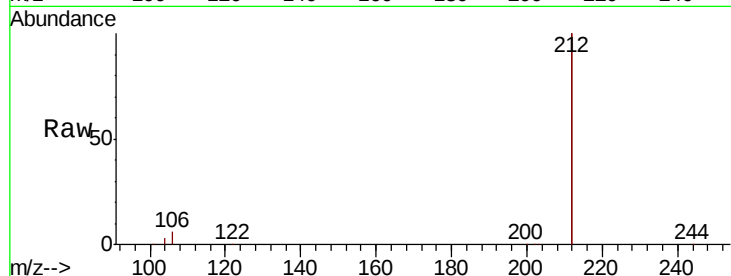
Tot Ion:212 Resp: 87440

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

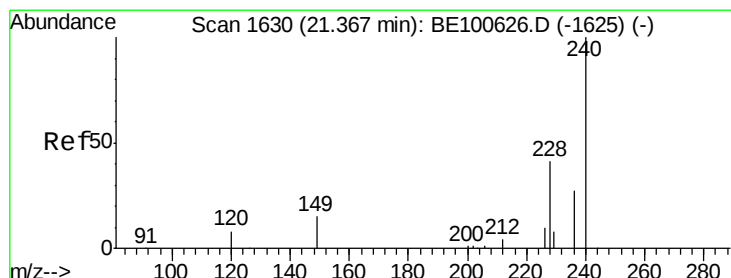
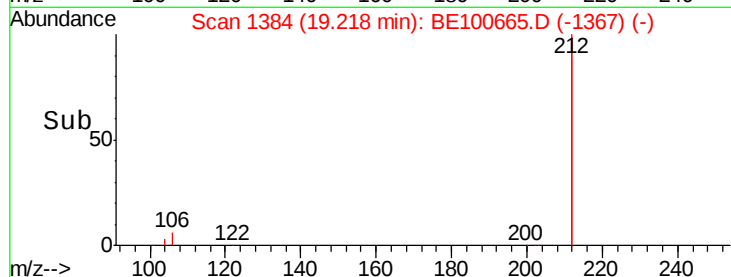
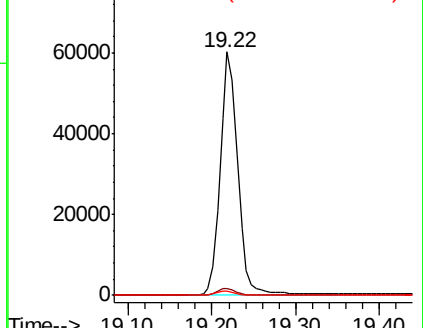
104 1.6 1.3 1.9



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: BE100665.D

Acq: 23 Oct 2019 17:17

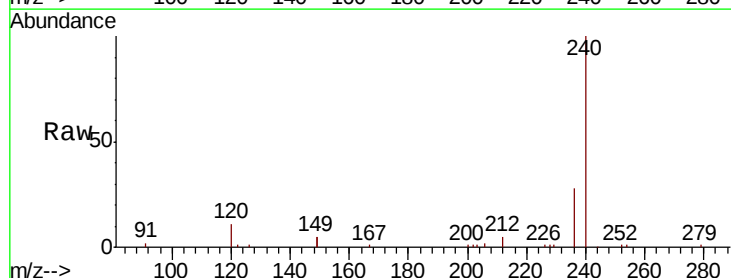
Tgt Ion:240 Resp: 26459

Ion Ratio Lower Upper

240 100

120 10.9 7.6 11.4

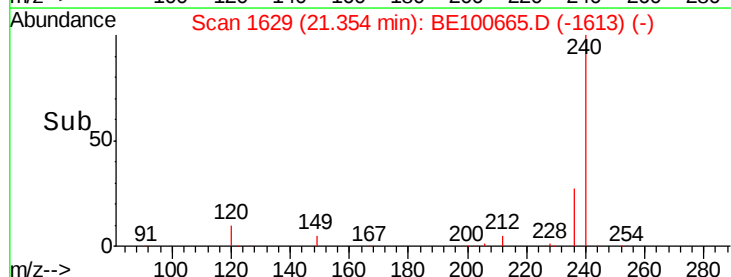
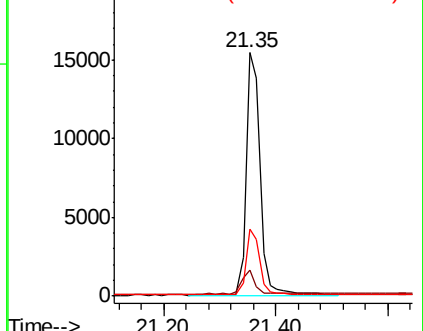
236 27.5 22.1 33.1

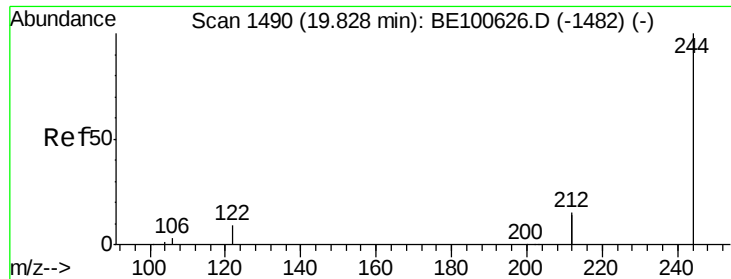


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.320 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

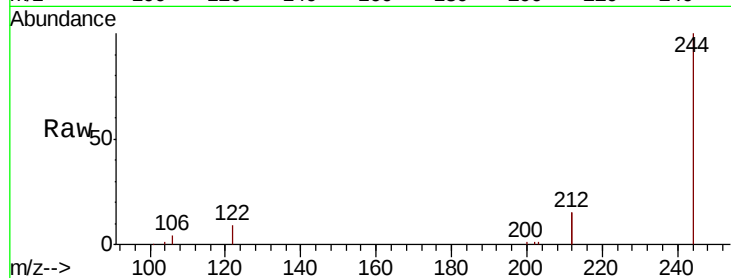
Lab File: BE100665.D

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BNA_E

ClientSampleId :



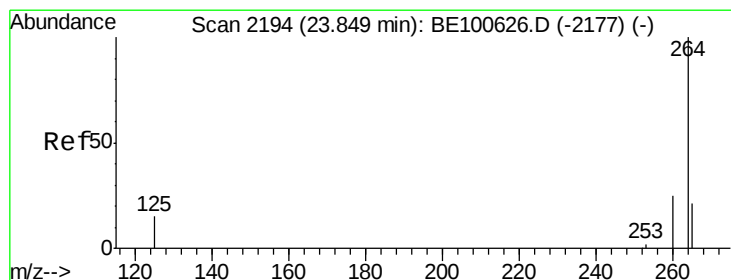
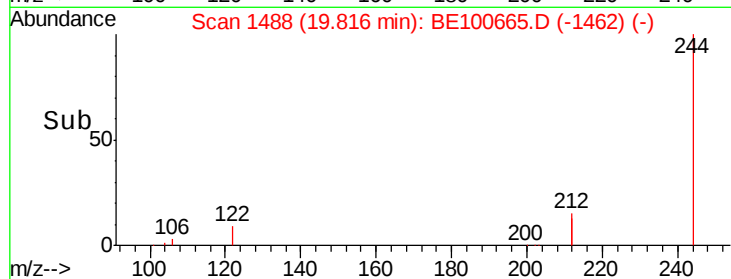
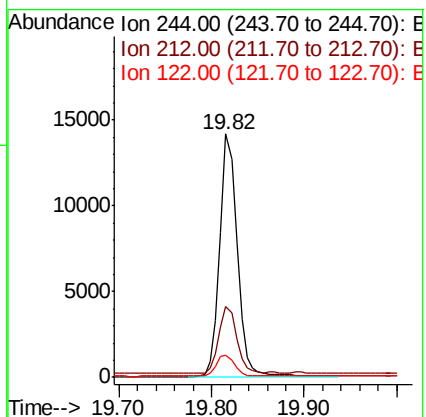
Tot Ion:244 Resp: 18532

Ion Ratio Lower Upper

244 100

212 29.2 23.7 35.5

122 9.3 7.9 11.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE100665.D

Acq: 23 Oct 2019 17:17

Tgt Ion:264 Resp: 34191

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 28.1 21.7 32.5

