

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070119\
 Data File : BE100261.D
 Acq On : 1 Jul 2019 12:27
 Operator : JU/SJ
 Sample : PB120795BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120795BL

Quant Time: Jul 02 02:34:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	627	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	1967	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	1489	0.40	ng	0.02
19) Phenanthrene-d10	17.07	188	4850	0.40	ng	0.01
27) Chrysene-d12	21.25	240	8721	0.40	ng	0.00
34) Perylene-d12	23.67	264	10020	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	725	0.45	ng	0.00
5) Phenol-d6	6.83	99	868	0.41	ng	-0.01
8) Nitrobenzene-d5	8.82	82	908	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.07	152	105	0.03	ng	0.02
14) 2,4,6-Tribromophenol	15.82	330	488	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	2551	0.44	ng	0.00
25) Fluoranthene-d10	19.10	212	2989	0.04	ng	0.00
29) Terphenyl-d14	19.70	244	9243	0.51	ng	0.00

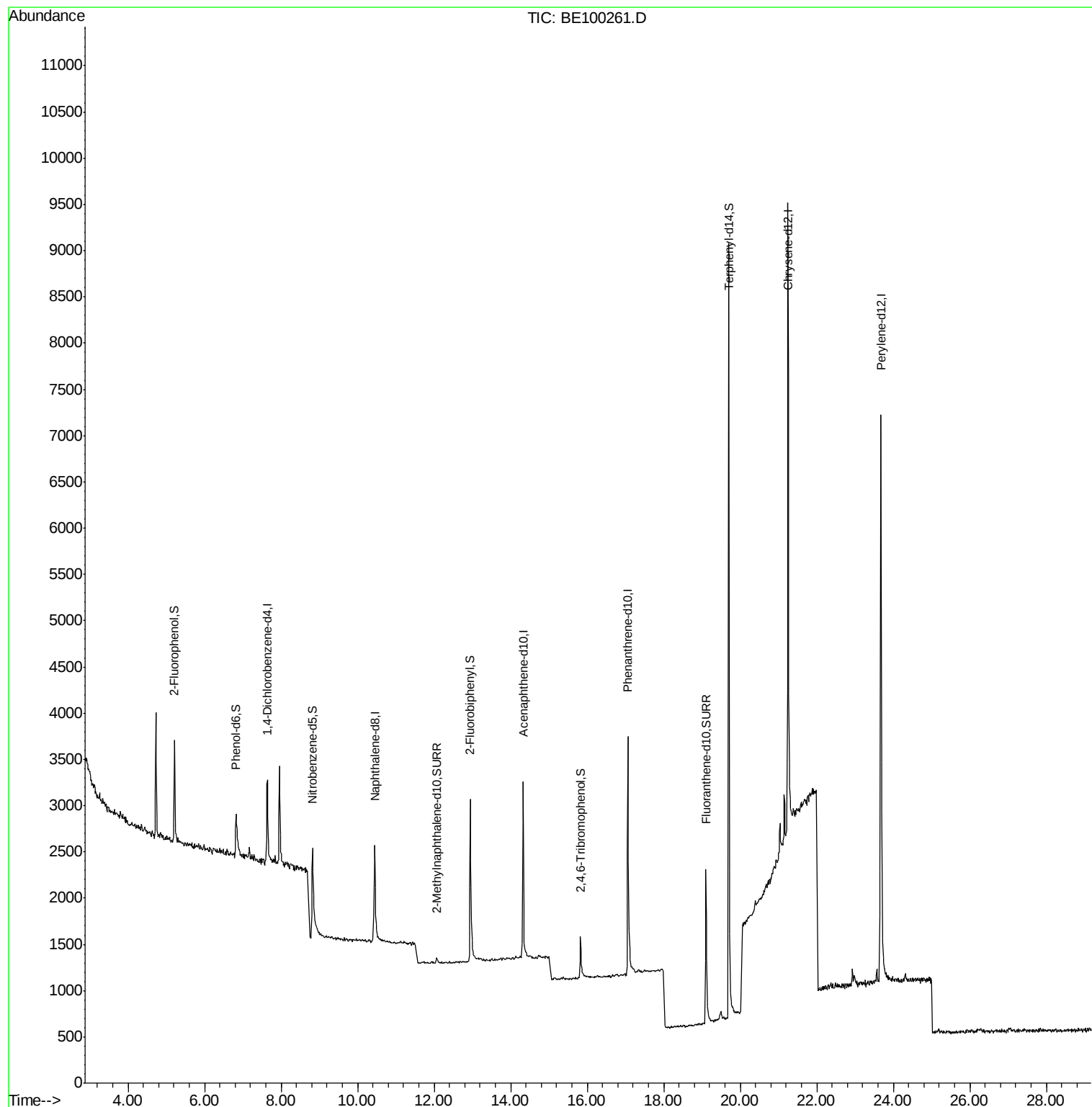
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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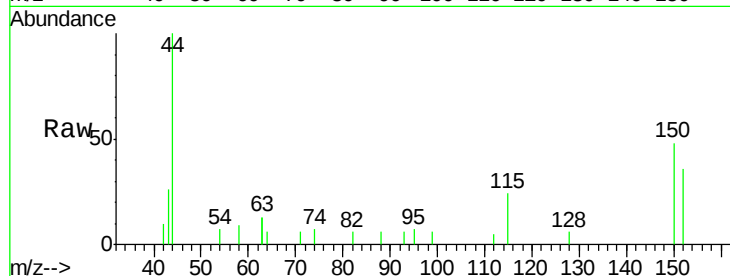


#1

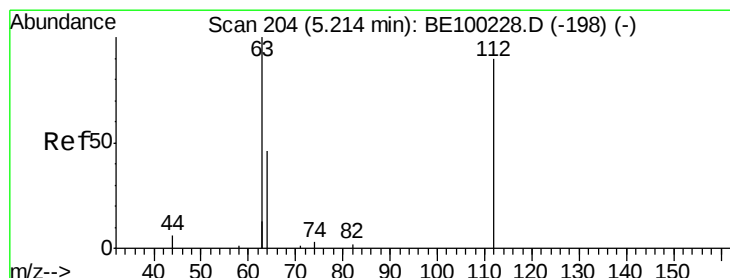
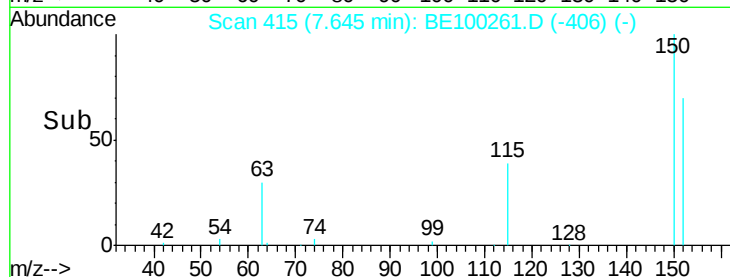
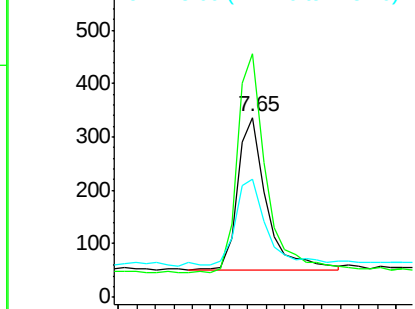
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100261.D
Acq: 1 Jul 2019 12:27

Instrument :
BNA_E
ClientSampleId :
PB120795BL

Tot Ion:152 Resp: 627
Ion Ratio Lower Upper
152 100
150 135.7 114.5 171.7
115 66.1 57.1 85.7



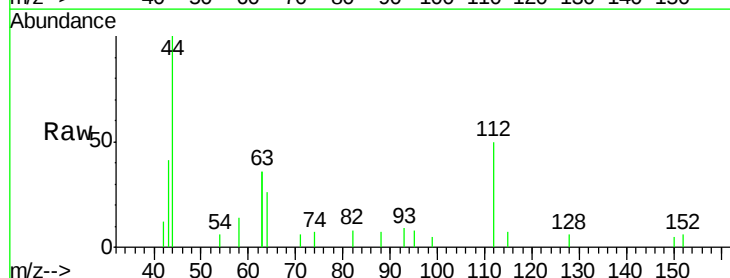
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



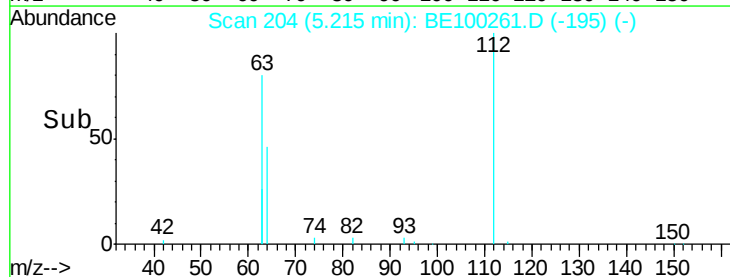
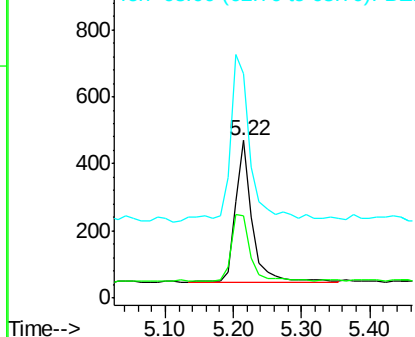
#4

2-Fluorophenol
Concen: 0.453 ng
RT: 5.22 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100261.D
Acq: 1 Jul 2019 12:27

Tgt Ion:112 Resp: 725
Ion Ratio Lower Upper
112 100
64 55.7 39.4 59.0
63 129.8 104.5 156.7



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: 0.413 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100261.D

Acq: 1 Jul 2019 12:27

Instrument :

BNA_E

ClientSampled :

PB120795BL

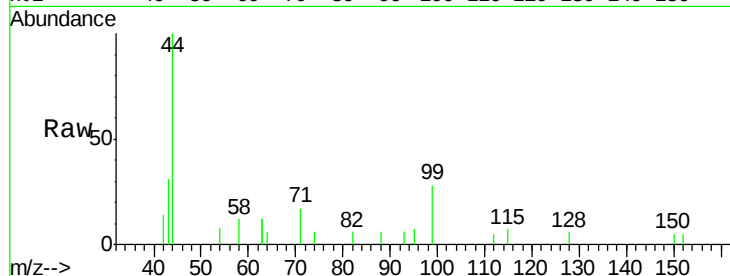
Tot Ion: 99 Resp: 868

Ion Ratio Lower Upper

99 100

42 17.2 11.2 16.8#

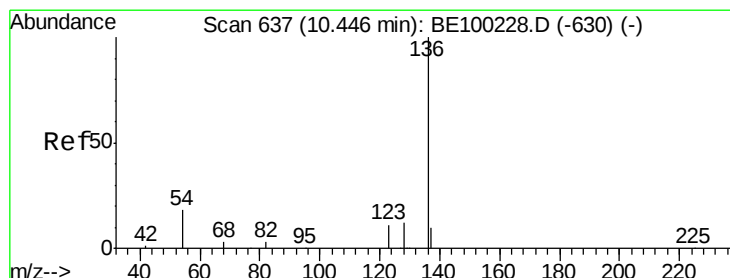
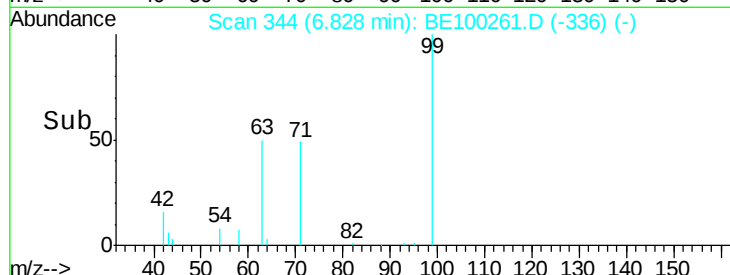
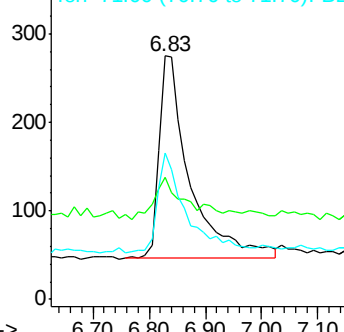
71 44.1 37.2 55.8



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: 10.45 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE100261.D

Acq: 1 Jul 2019 12:27

Tgt Ion: 136 Resp: 1967

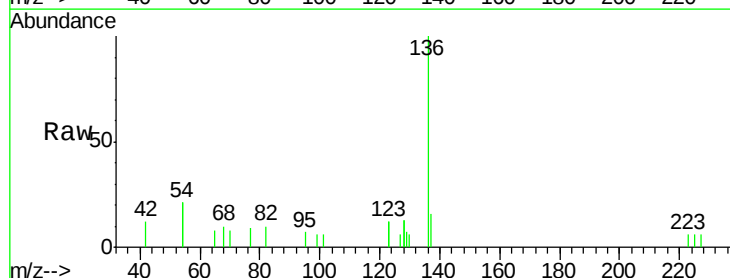
Ion Ratio Lower Upper

136 100

137 15.9 11.8 17.8

54 41.4 27.7 41.5

68 10.0 6.8 10.2

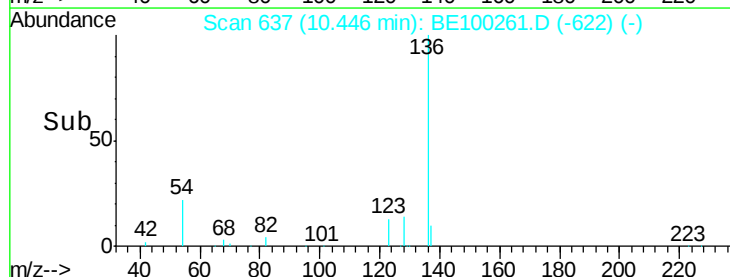
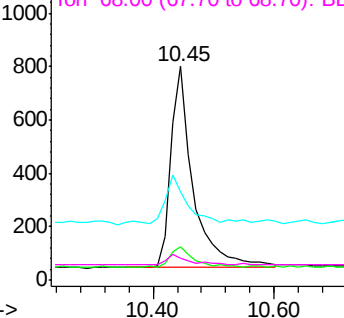


Abundance Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.465 ng

RT: 8.82 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE100261.D

Acq: 1 Jul 2019 12:27

Instrument :

BNA_E

ClientSampleId :

PB120795BL

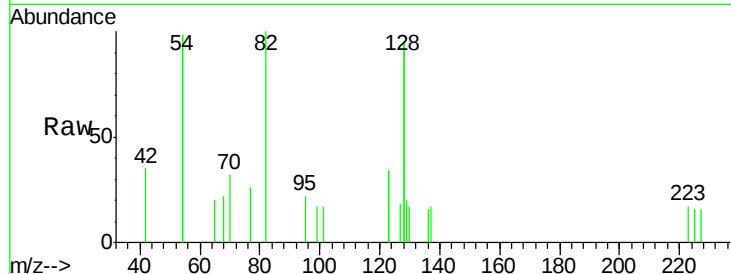
Tot Ion: 82 Resp: 908

Ion Ratio Lower Upper

82 100

128 189.6 140.9 211.3

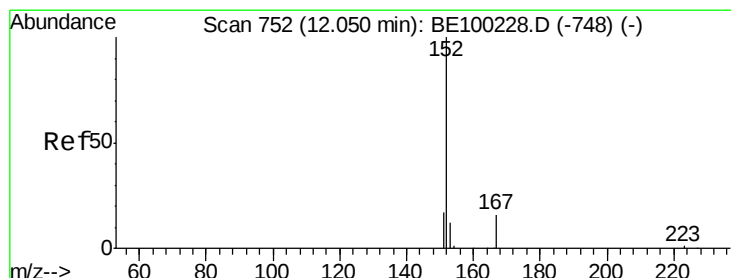
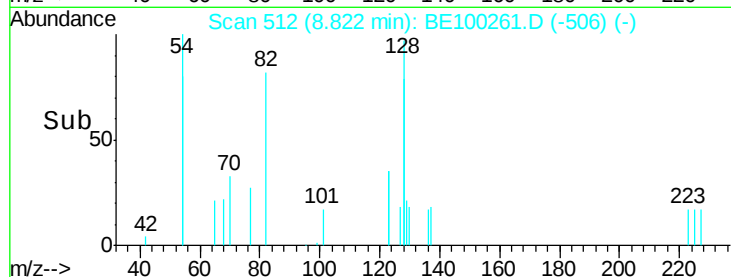
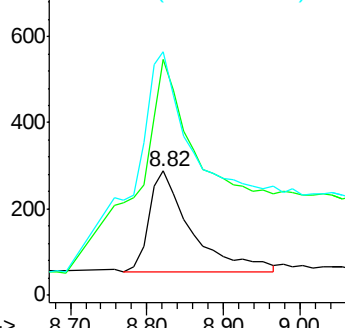
54 195.8 146.2 219.2



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: 0.028 ng

RT: 12.07 min Scan# 753

Delta R.T. 0.02 min

Lab File: BE100261.D

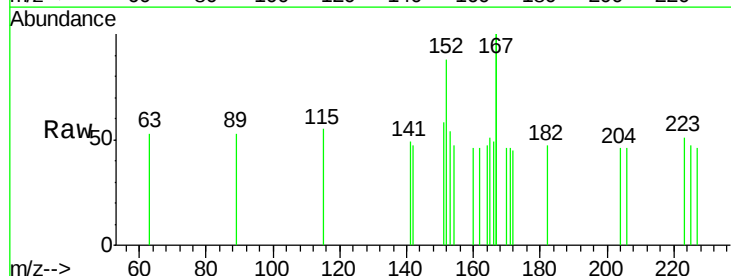
Acq: 1 Jul 2019 12:27

Tgt Ion: 152 Resp: 105

Ion Ratio Lower Upper

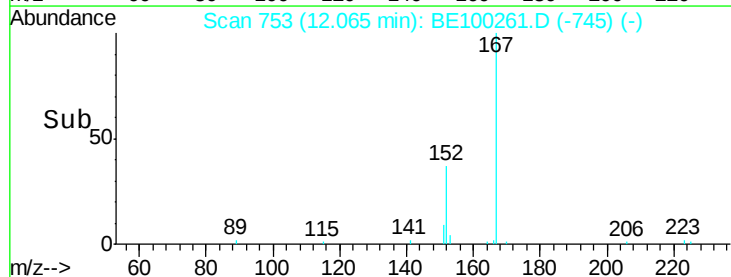
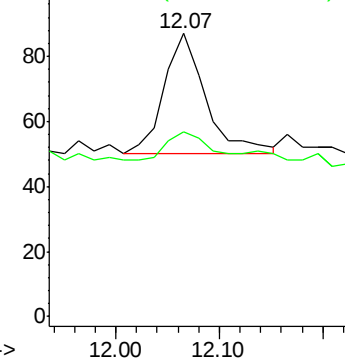
152 100

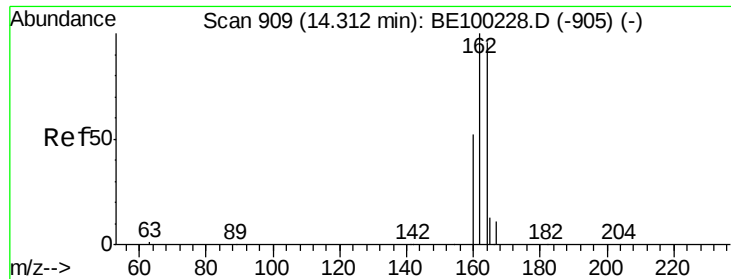
151 33.3 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

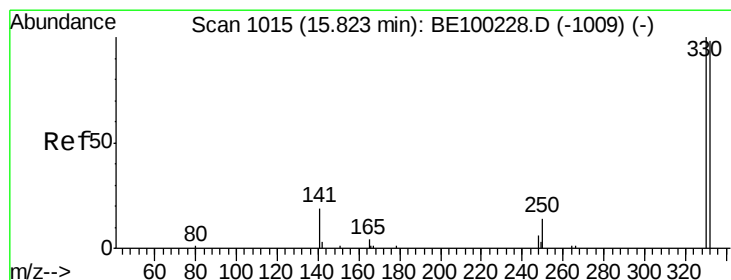
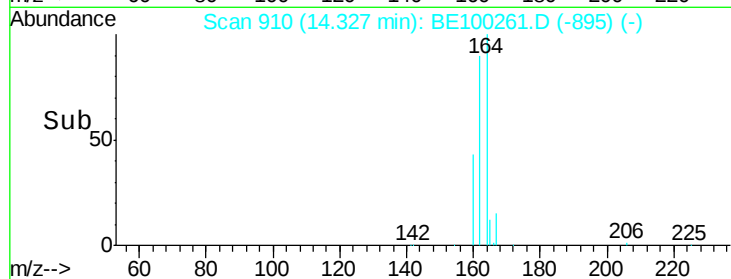
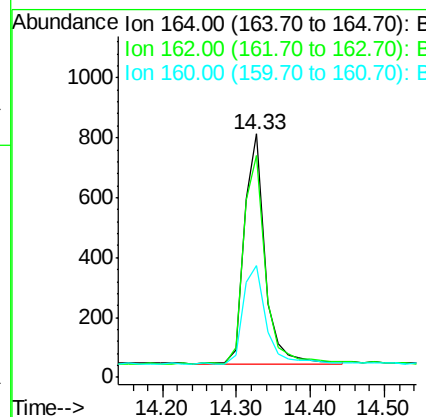
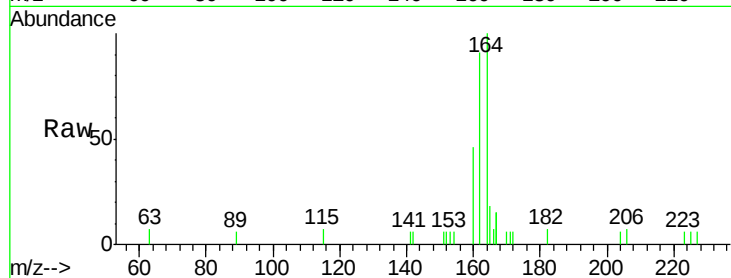




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.02 min
Lab File: BE100261.D
Acq: 1 Jul 2019 12:27

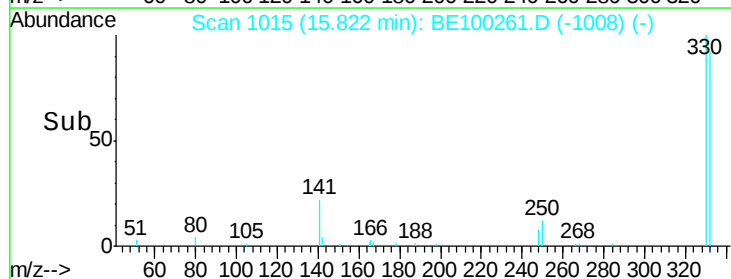
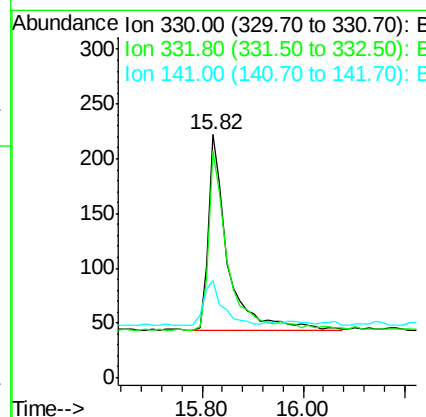
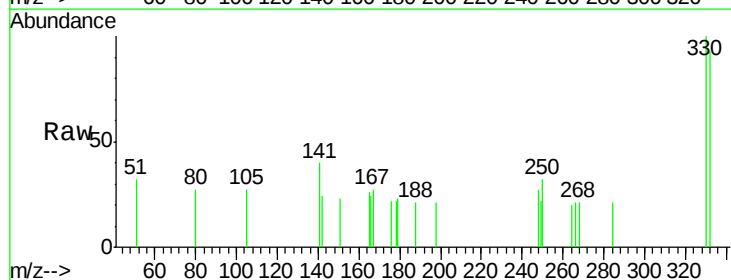
Instrument :
BNA_E
ClientSampleId :
PB120795BL

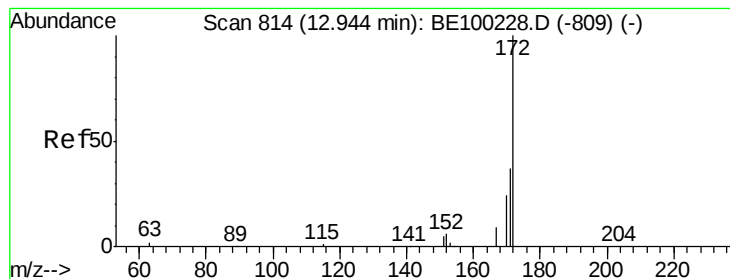
Tot Ion:164 Resp: 1489
Ion Ratio Lower Upper
164 100
162 91.0 83.4 125.0
160 46.0 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.469 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100261.D
Acq: 1 Jul 2019 12:27

Tgt Ion:330 Resp: 488
Ion Ratio Lower Upper
330 100
332 85.5 77.0 115.4
141 21.9 22.0 33.0#

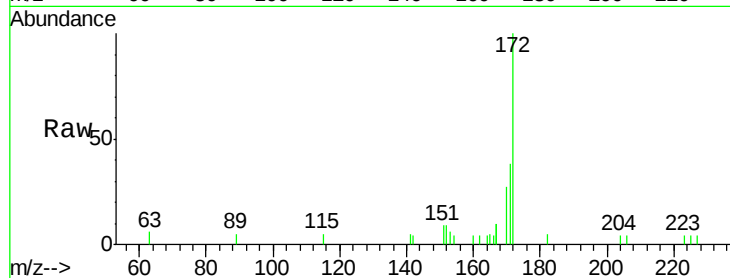




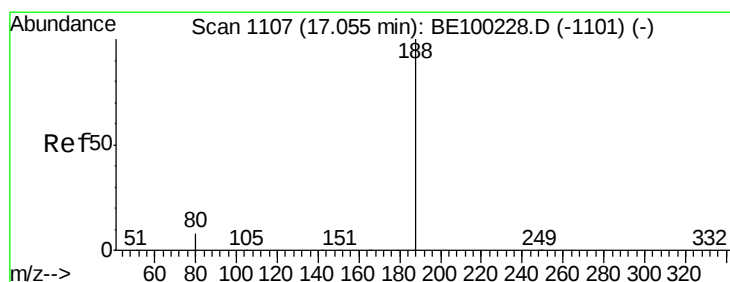
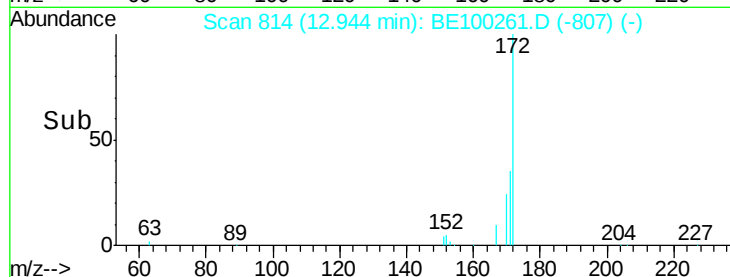
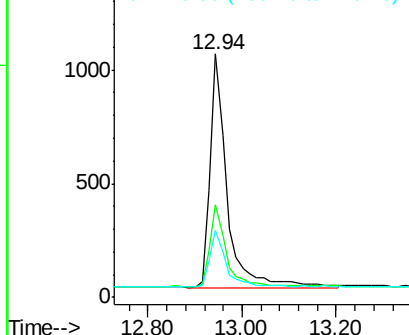
#15
 2-Fluorobiphenyl
 Concen: 0.440 ng
 RT: 12.94 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BE100261.D
 Acq: 1 Jul 2019 12:27

Instrument :
 BNA_E
 ClientSampleId :
 PB120795BL

Tot Ion:172 Resp: 2551
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.9 47.9
 170 27.5 22.2 33.2

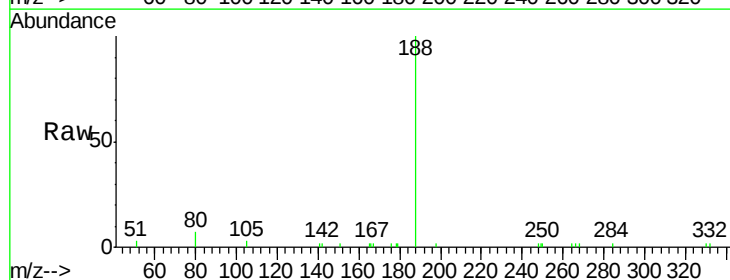


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

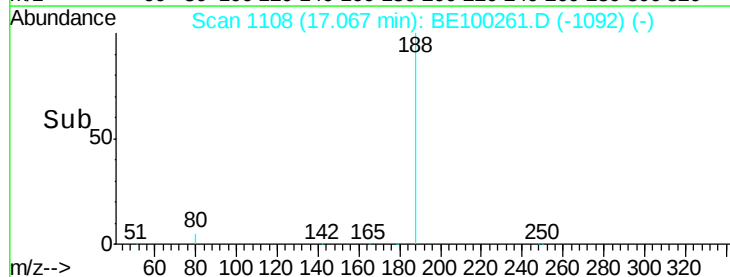
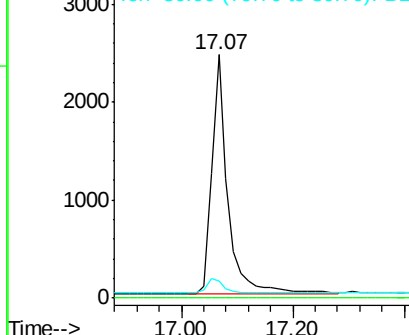


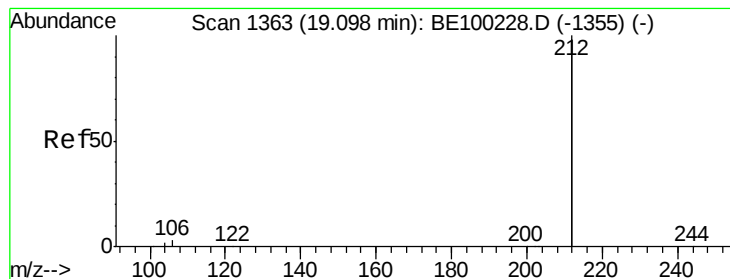
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.07 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BE100261.D
 Acq: 1 Jul 2019 12:27

Tgt Ion:188 Resp: 4850
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.2 7.6 11.4#



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: 0.042 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100261.D

Acq: 1 Jul 2019 12:27

Instrument :

BNA_E

ClientSampleId :

PB120795BL

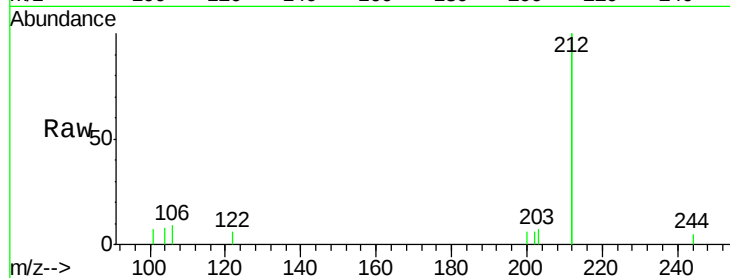
Tot Ion:212 Resp: 2989

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

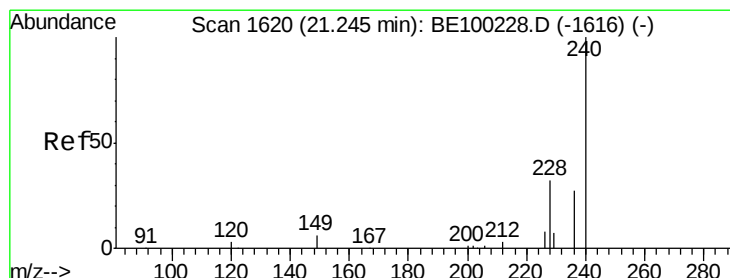
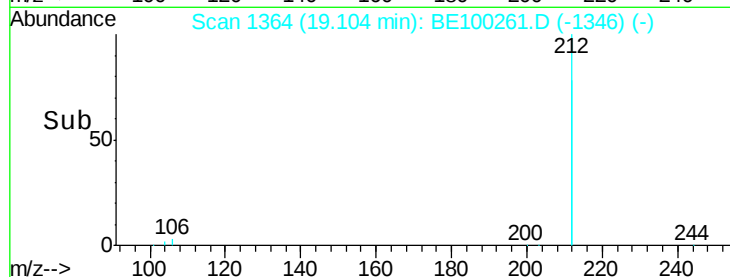
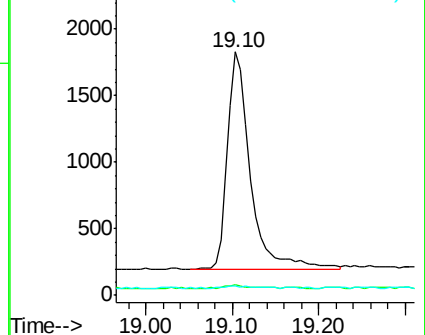
104 1.4 0.8 1.2#



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: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100261.D

Acq: 1 Jul 2019 12:27

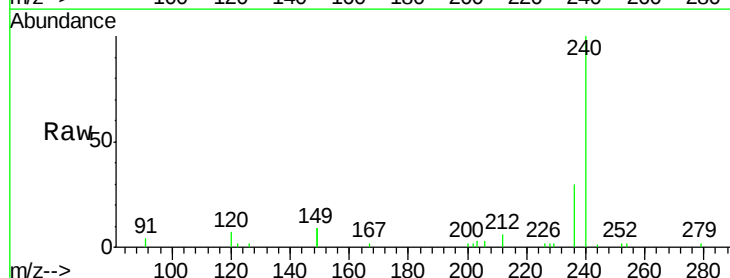
Tgt Ion:240 Resp: 8721

Ion Ratio Lower Upper

240 100

120 7.2 3.3 4.9#

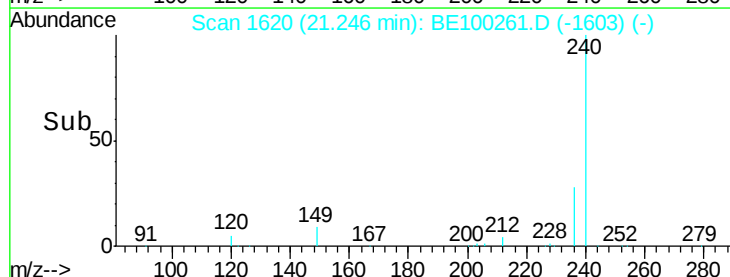
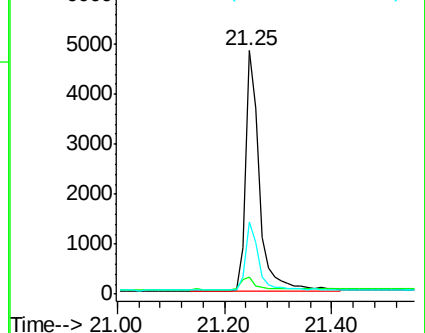
236 29.5 22.6 34.0

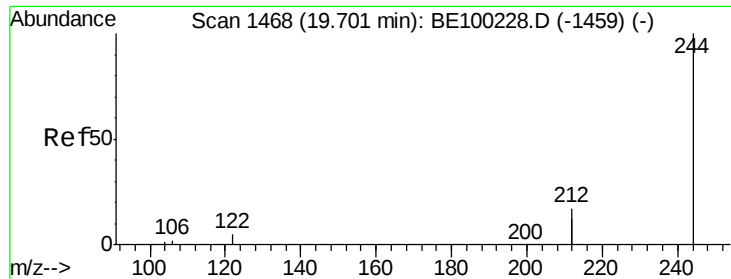


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.511 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100261.D

Acq: 1 Jul 2019 12:27

Instrument :

BNA_E

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PB120795BL

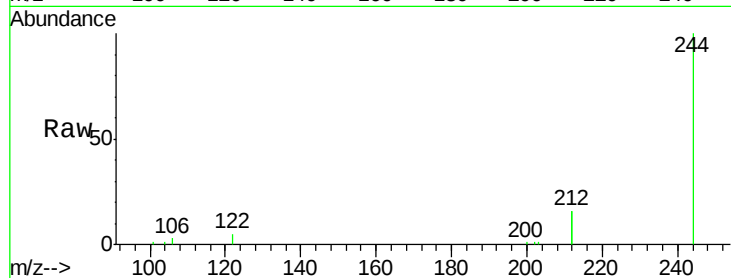
Tot Ion:244 Resp: 9243

Ion Ratio Lower Upper

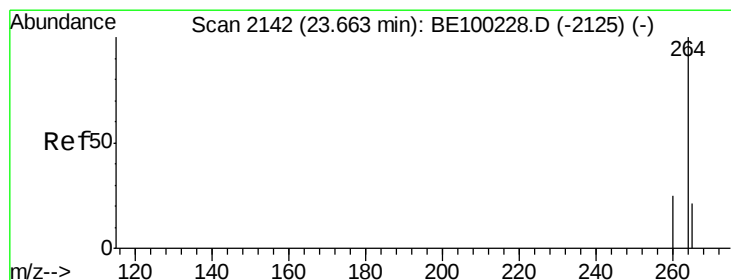
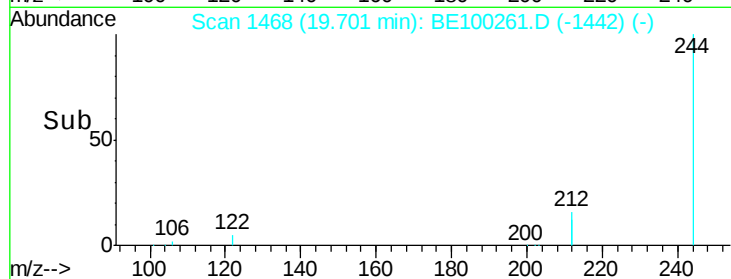
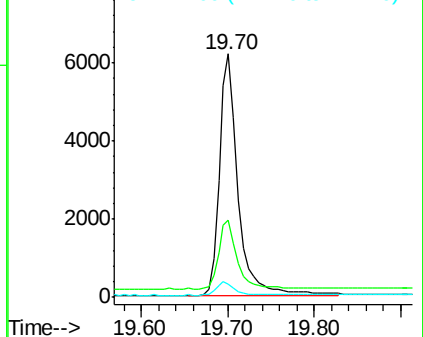
244 100

212 31.6 27.3 40.9

122 5.5 4.7 7.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BE100261.D

Acq: 1 Jul 2019 12:27

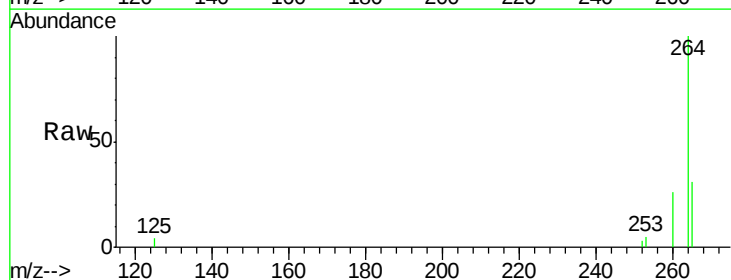
Tgt Ion:264 Resp: 10020

Ion Ratio Lower Upper

264 100

260 25.7 20.8 31.2

265 30.9 21.8 32.6



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

