

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100295.D
 Acq On : 2 Jul 2019 10:48
 Operator : JU/SJ
 Sample : PB120949BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120949BS

Quant Time: Jul 03 02:11:51 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	7.64	152	730	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2323	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	1687	0.40	ng	0.01
19) Phenanthrene-d10	17.07	188	4944	0.40	ng	0.01
27) Chrysene-d12	21.24	240	8399	0.40	ng	0.00
34) Perylene-d12	23.68	264	11310	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	507	0.27	ng	0.01
5) Phenol-d6	6.84	99	741	0.30	ng	0.00
8) Nitrobenzene-d5	8.81	82	578	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1709	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	451	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	1789	0.27	ng	0.00
25) Fluoranthene-d10	19.10	212	21454	0.30	ng	0.00
29) Terphenyl-d14	19.70	244	4762	0.27	ng	0.00

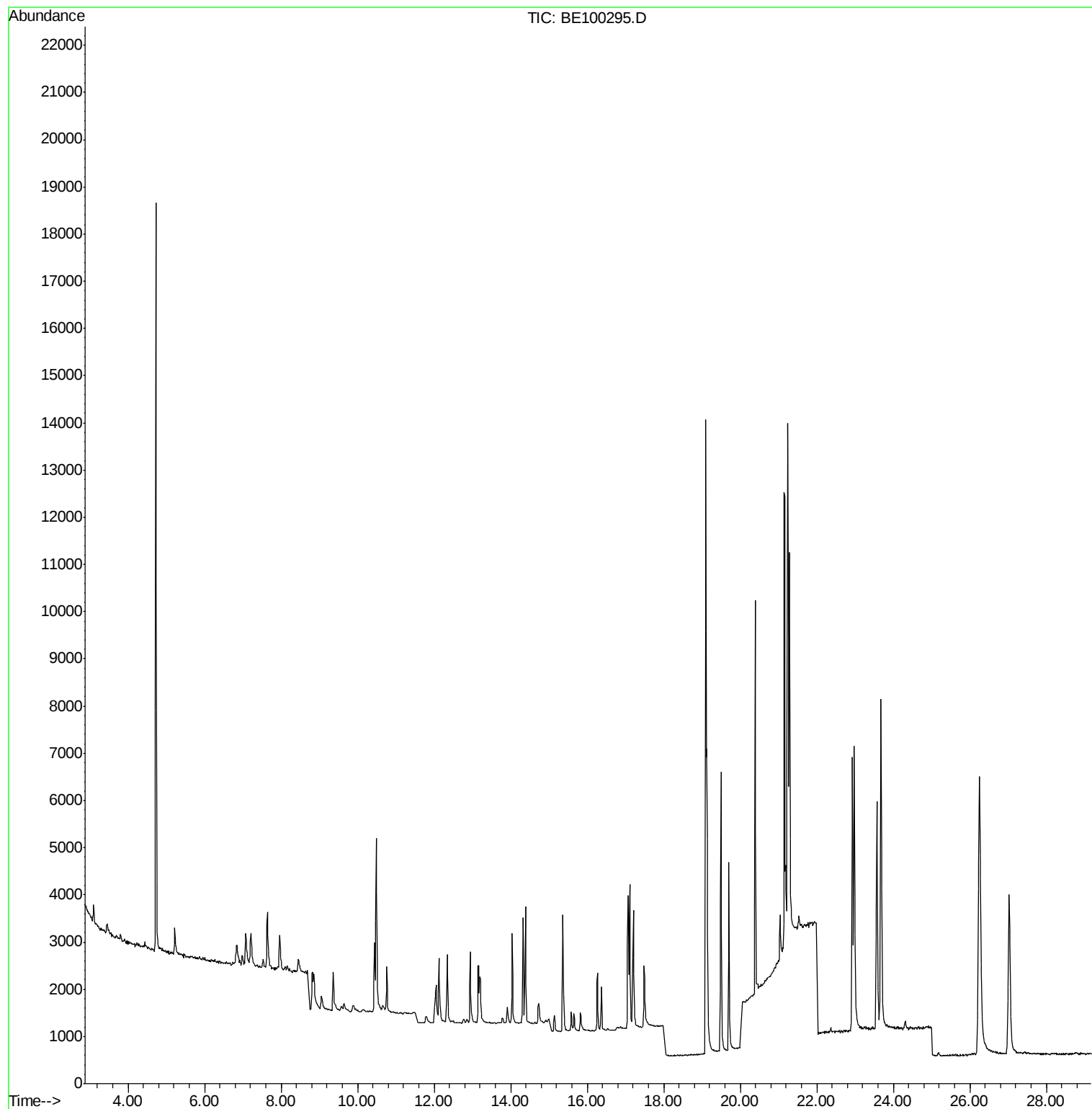
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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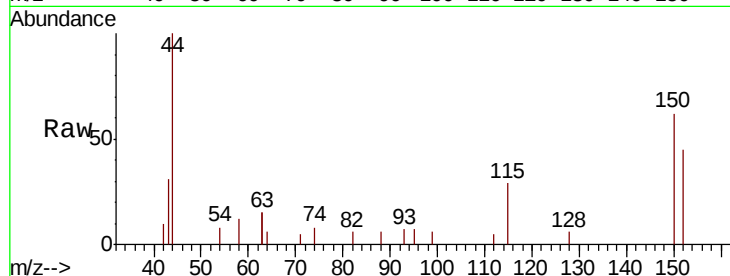


#1

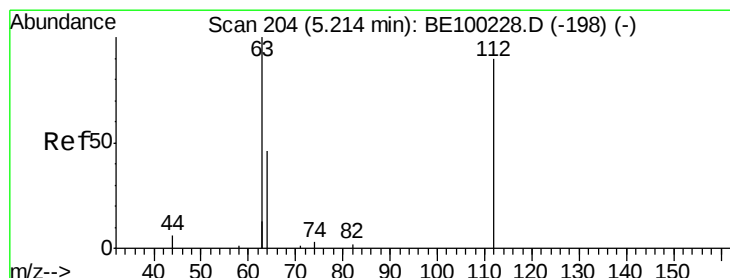
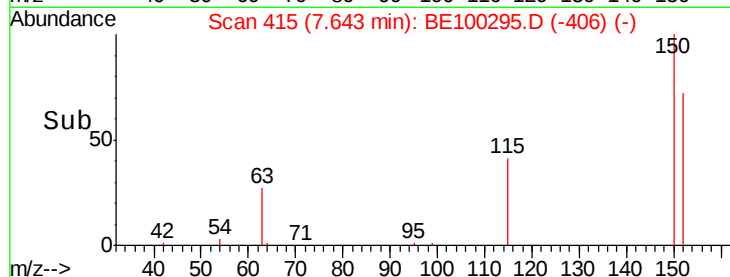
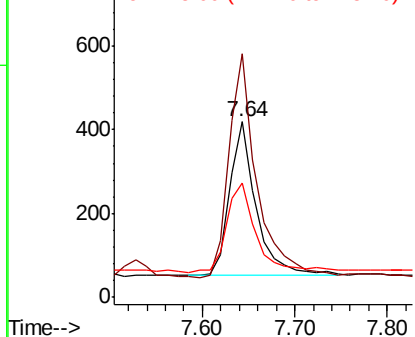
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100295.D
Acq: 2 Jul 2019 10:48

Instrument :
BNA_E
ClientSampleId :
PB120949BS

Tgt Ion:152 Resp: 730
Ion Ratio Lower Upper
152 100
150 138.7 114.5 171.7
115 64.9 57.1 85.7



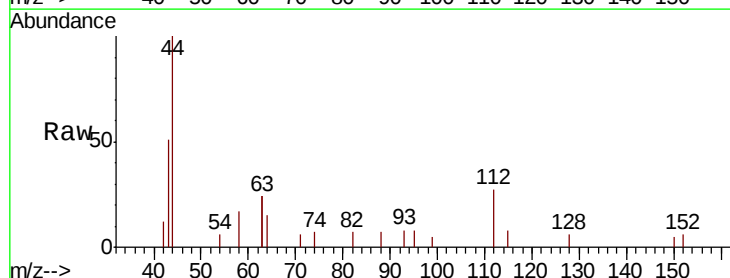
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



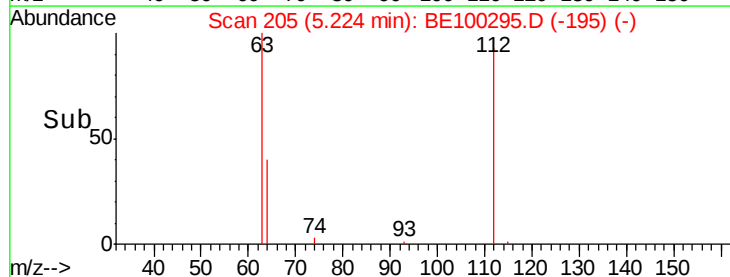
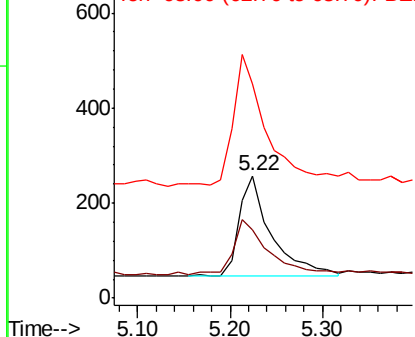
#4

2-Fluorophenol
Concen: 0.272 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100295.D
Acq: 2 Jul 2019 10:48

Tgt Ion:112 Resp: 507
Ion Ratio Lower Upper
112 100
64 59.6 39.4 59.0#
63 148.9 104.5 156.7



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: 0.303 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100295.D

Acq: 2 Jul 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120949BS

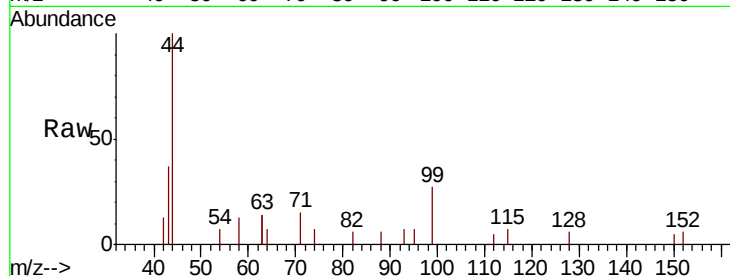
Tgt Ion: 99 Resp: 741

Ion Ratio Lower Upper

99 100

42 14.3 11.2 16.8

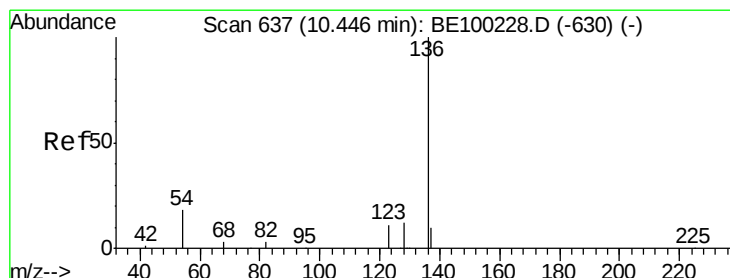
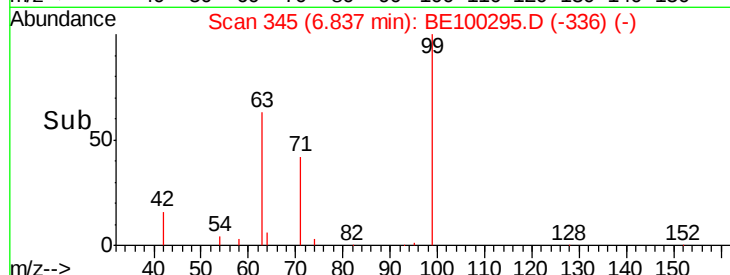
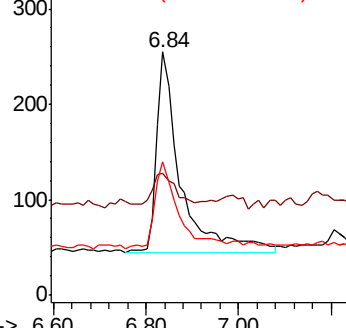
71 42.6 37.2 55.8



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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100295.D

Acq: 2 Jul 2019 10:48

Tgt Ion: 136 Resp: 2323

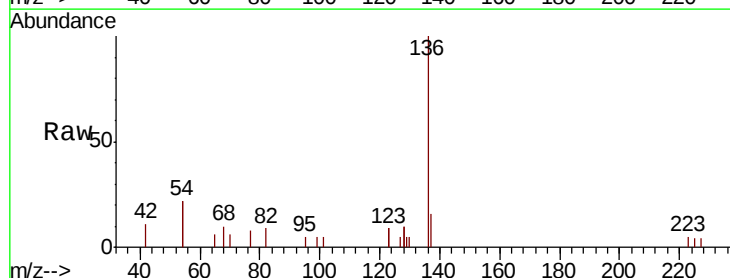
Ion Ratio Lower Upper

136 100

137 15.5 11.8 17.8

54 44.0 27.7 41.5#

68 9.8 6.8 10.2

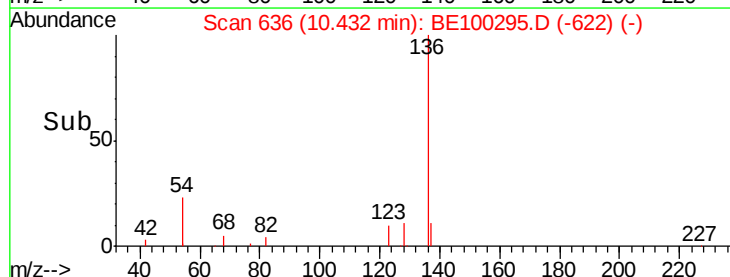
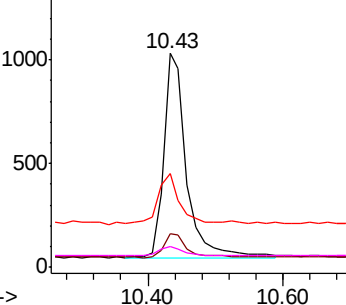


Abundance Ion 136.00 (135.70 to 136.70): E

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

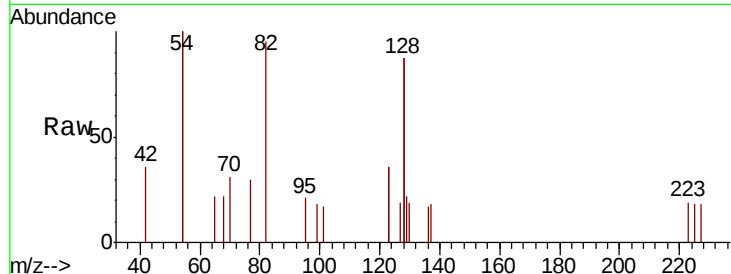




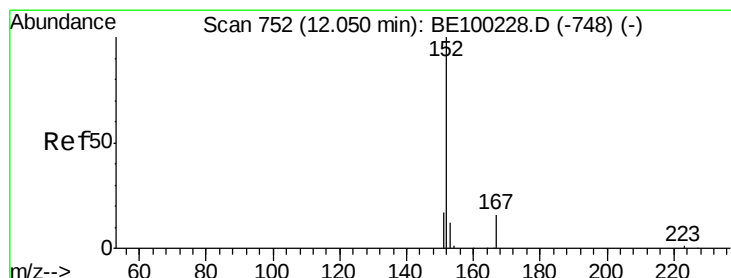
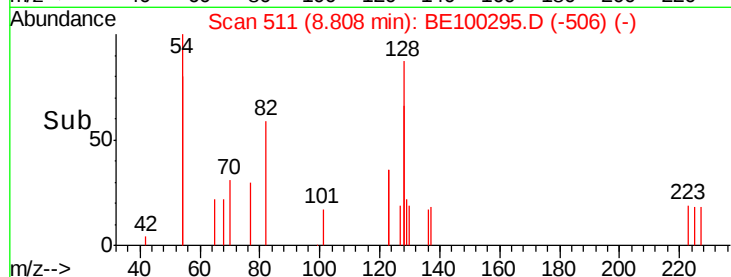
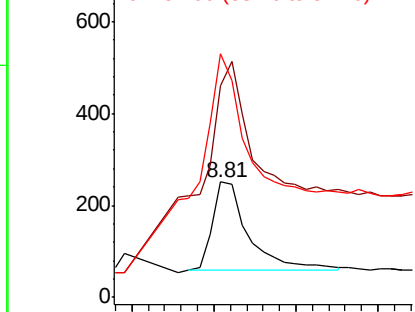
#8
 Nitrobenzene-d5
 Concen: 0.250 ng
 RT: 8.81 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BE100295.D
 Acq: 2 Jul 2019 10:48

Instrument :
 BNA_E
 ClientSampleId :
 PB120949BS

Tgt Ion: 82 Resp: 578
 Ion Ratio Lower Upper
 82 100
 128 183.3 140.9 211.3
 54 211.2 146.2 219.2

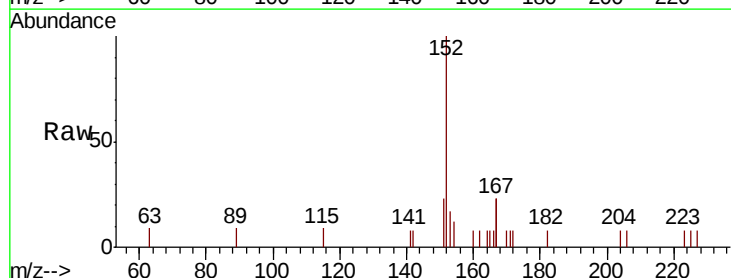


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

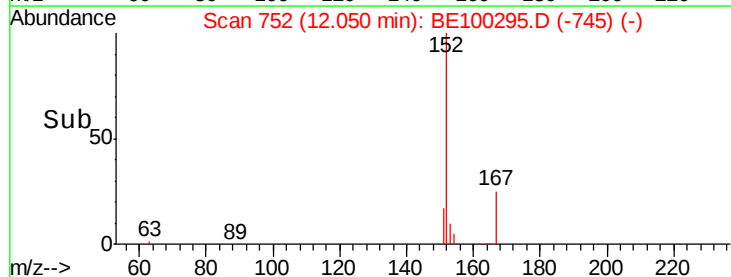
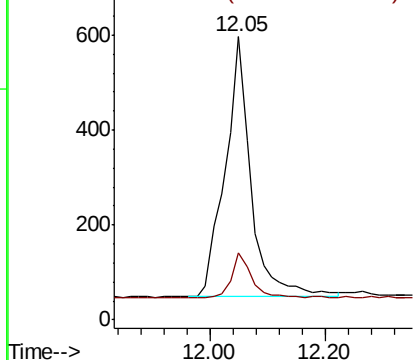


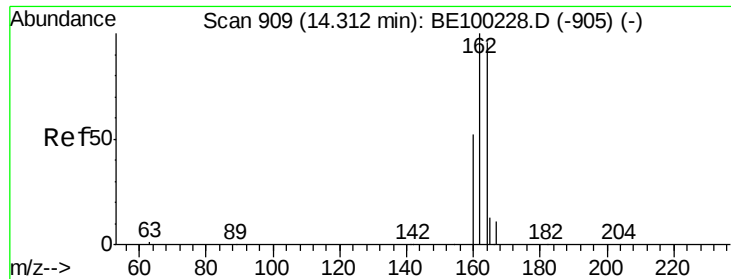
#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 12.05 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BE100295.D
 Acq: 2 Jul 2019 10:48

Tgt Ion: 152 Resp: 1709
 Ion Ratio Lower Upper
 152 100
 151 14.0 15.1 22.7#



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

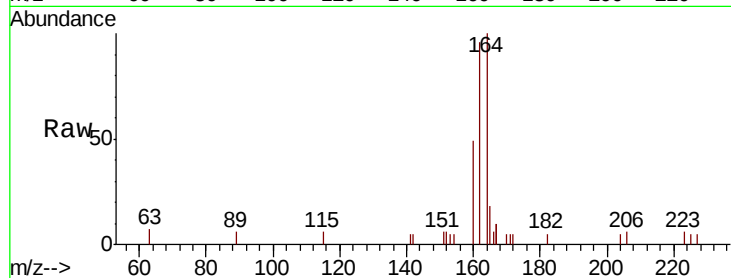




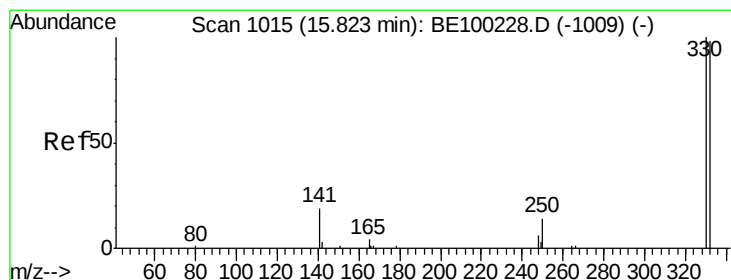
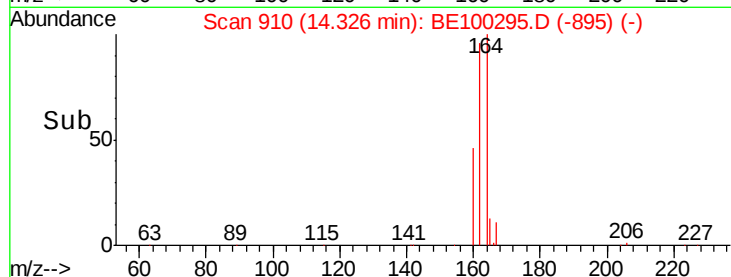
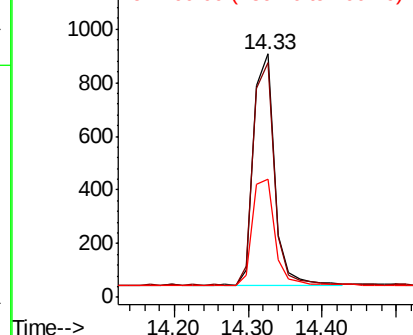
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BE100295.D
 Acq: 2 Jul 2019 10:48

Instrument :
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 ClientSampleId :
 PB120949BS

Tgt Ion:164 Resp: 1687
 Ion Ratio Lower Upper
 164 100
 162 96.5 83.4 125.0
 160 48.7 45.0 67.6

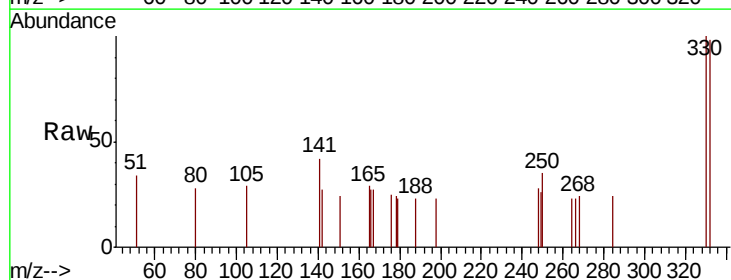


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

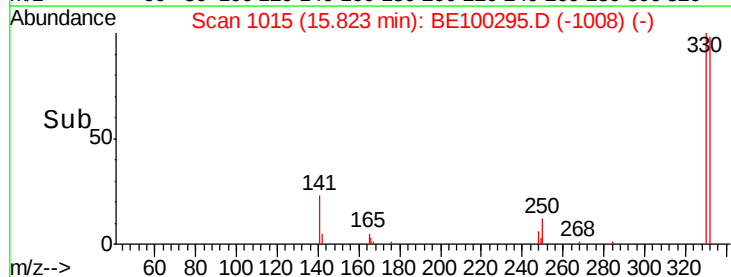
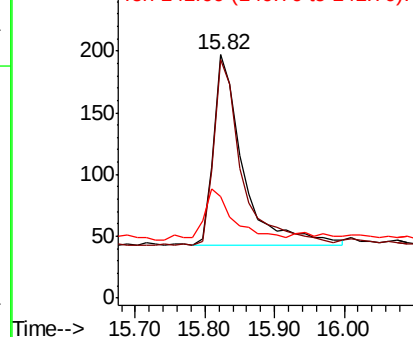


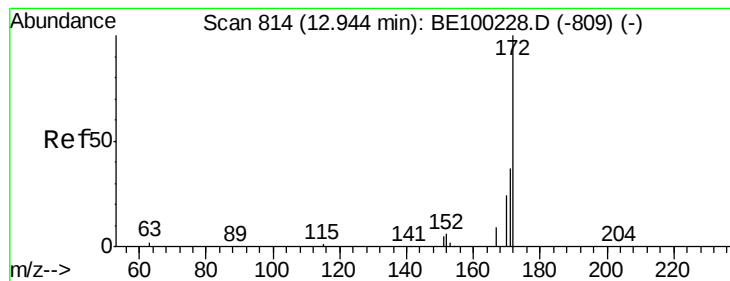
#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BE100295.D
 Acq: 2 Jul 2019 10:48

Tgt Ion:330 Resp: 451
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.0 115.4
 141 22.6 22.0 33.0



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: 0.272 ng

RT: 12.94 min Scan# 814

Delta R.T. -0.00 min

Lab File: BE100295.D

Acq: 2 Jul 2019 10:48

Instrument :

BNA_E

ClientSampleId :

PB120949BS

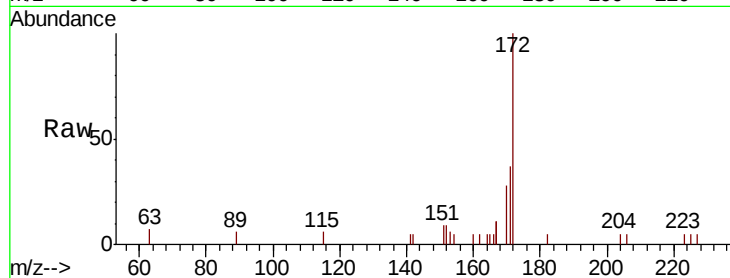
Tgt Ion:172 Resp: 1789

Ion Ratio Lower Upper

172 100

171 37.3 31.9 47.9

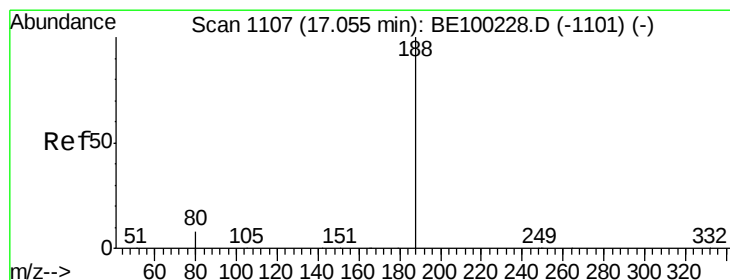
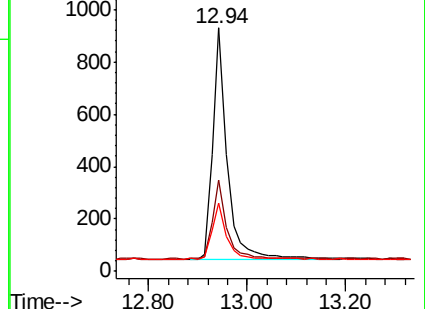
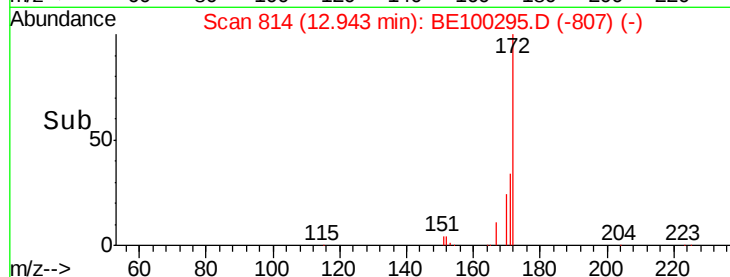
170 28.0 22.2 33.2



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: BE100295.D

Acq: 2 Jul 2019 10:48

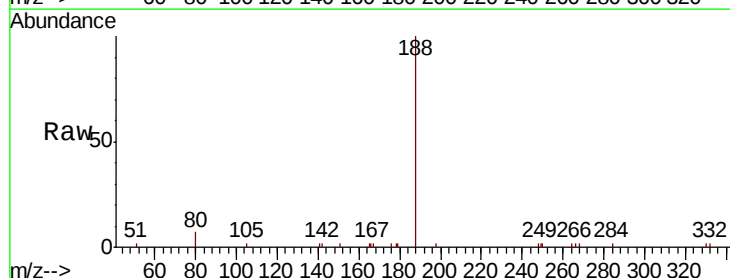
Tgt Ion:188 Resp: 4944

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

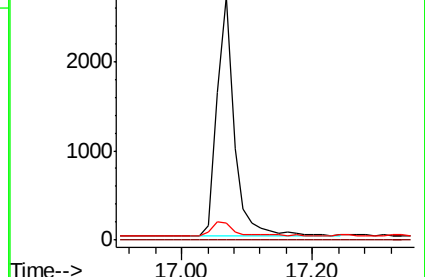
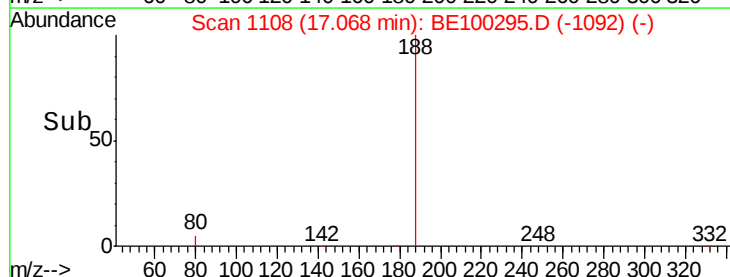
80 6.9 7.6 11.4#

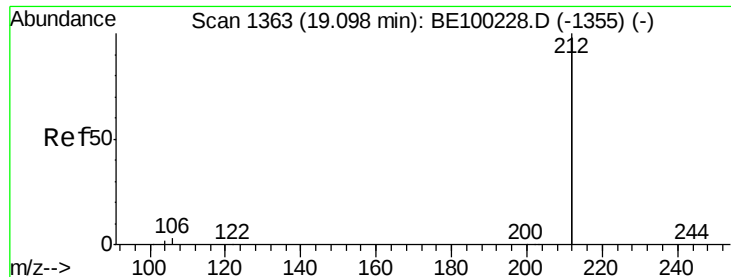


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.299 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100295.D

Acq: 2 Jul 2019 10:48

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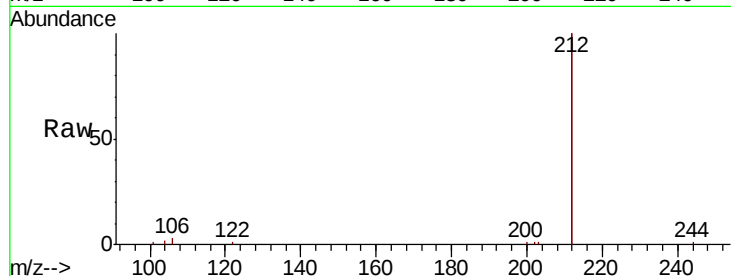
Tgt Ion:212 Resp: 21454

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

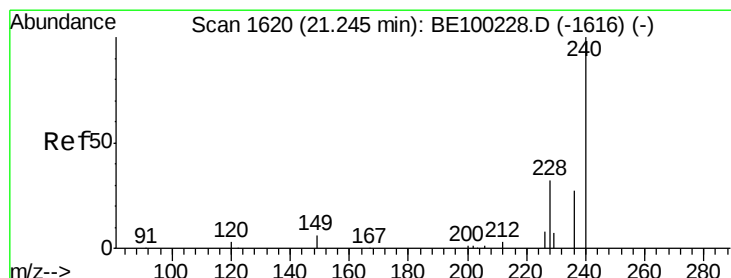
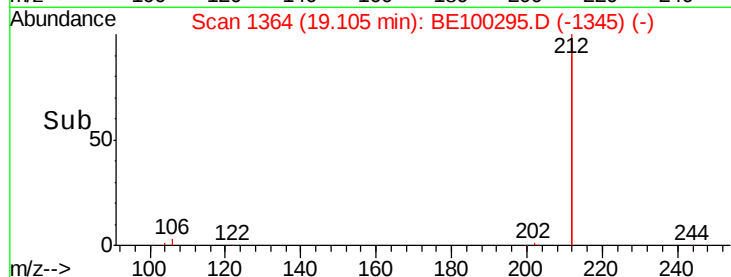
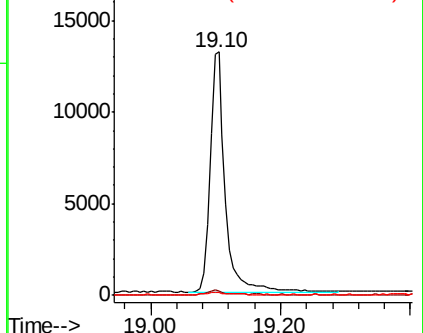
104 1.0 0.8 1.2



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: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100295.D

Acq: 2 Jul 2019 10:48

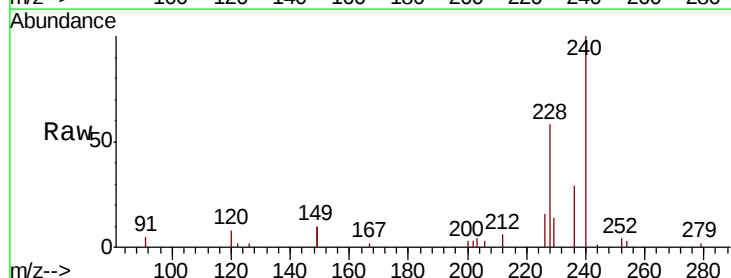
Tgt Ion:240 Resp: 8399

Ion Ratio Lower Upper

240 100

120 7.7 3.3 4.9#

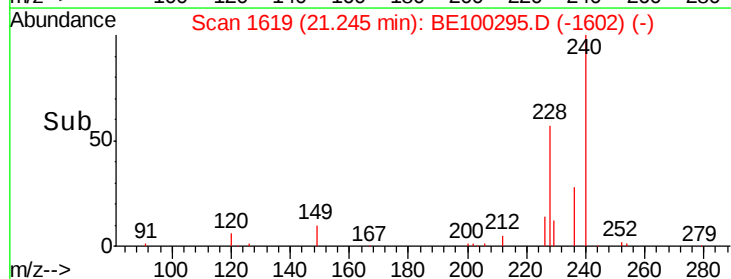
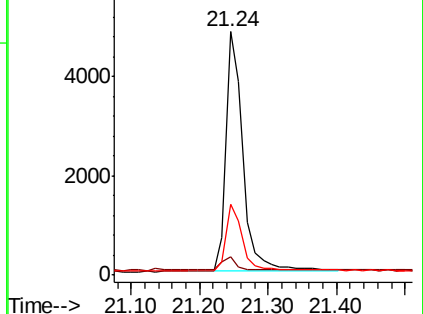
236 29.3 22.6 34.0

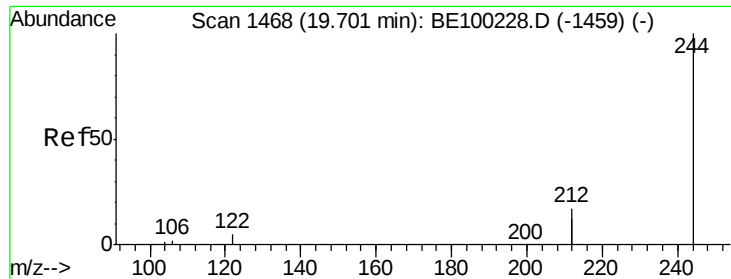


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.274 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100295.D

Acq: 2 Jul 2019 10:48

Instrument :

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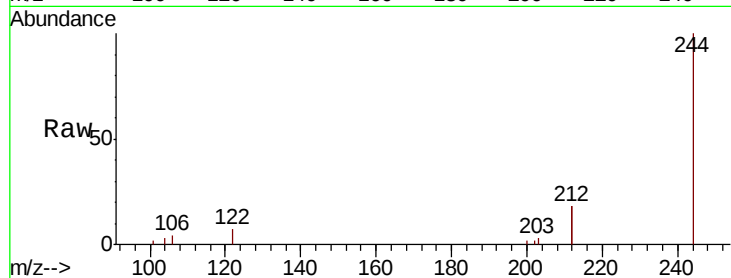
Tgt Ion:244 Resp: 4762

Ion Ratio Lower Upper

244 100

212 36.1 27.3 40.9

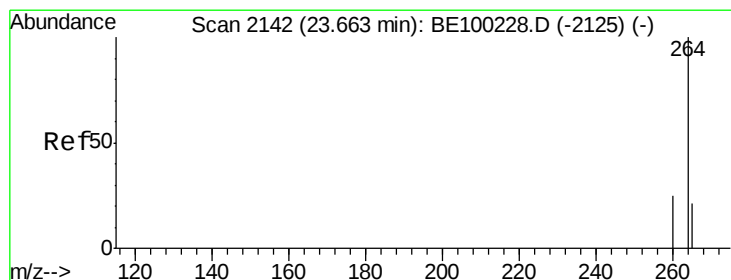
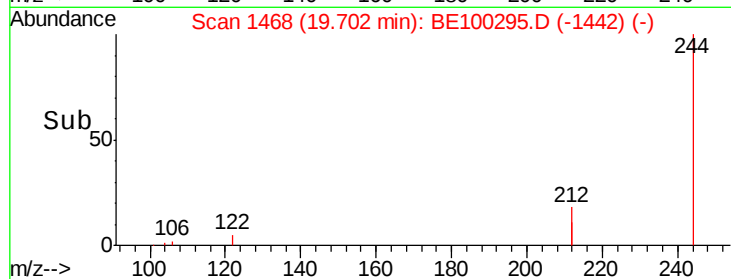
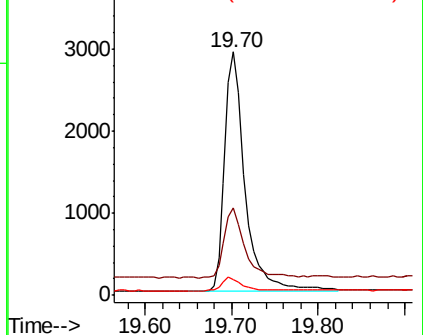
122 6.5 4.7 7.1



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: 23.68 min Scan# 2146

Delta R.T. 0.02 min

Lab File: BE100295.D

Acq: 2 Jul 2019 10:48

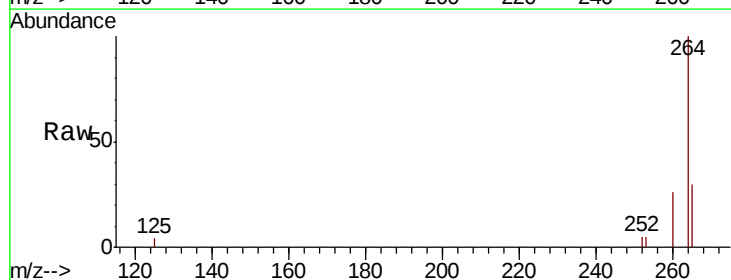
Tgt Ion:264 Resp: 11310

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

265 30.0 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

