

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012120\
 Data File : BE101106.D
 Acq On : 21 Jan 2020 11:01
 Operator : JU
 Sample : PB126198BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB126198BL

Quant Time: Jan 22 08:08:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1341	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	5538	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	3850	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	10357	0.40	ng	0.01
27) Chrysene-d12	21.27	240	19739	0.40	ng	-0.01
34) Perylene-d12	23.70	264	19773	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1463	0.48	ng	0.00
5) Phenol-d6	6.93	99	1260	0.33	ng	0.01
8) Nitrobenzene-d5	8.91	82	1398	0.35	ng	0.04
11) 2-Methylnaphthalene-d10	12.11	152	3543	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	301	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	5185	0.35	ng	0.00
25) Fluoranthene-d10	19.12	212	64786	0.45	ng	-0.01
29) Terphenyl-d14	19.72	244	14587	0.30	ng	-0.01

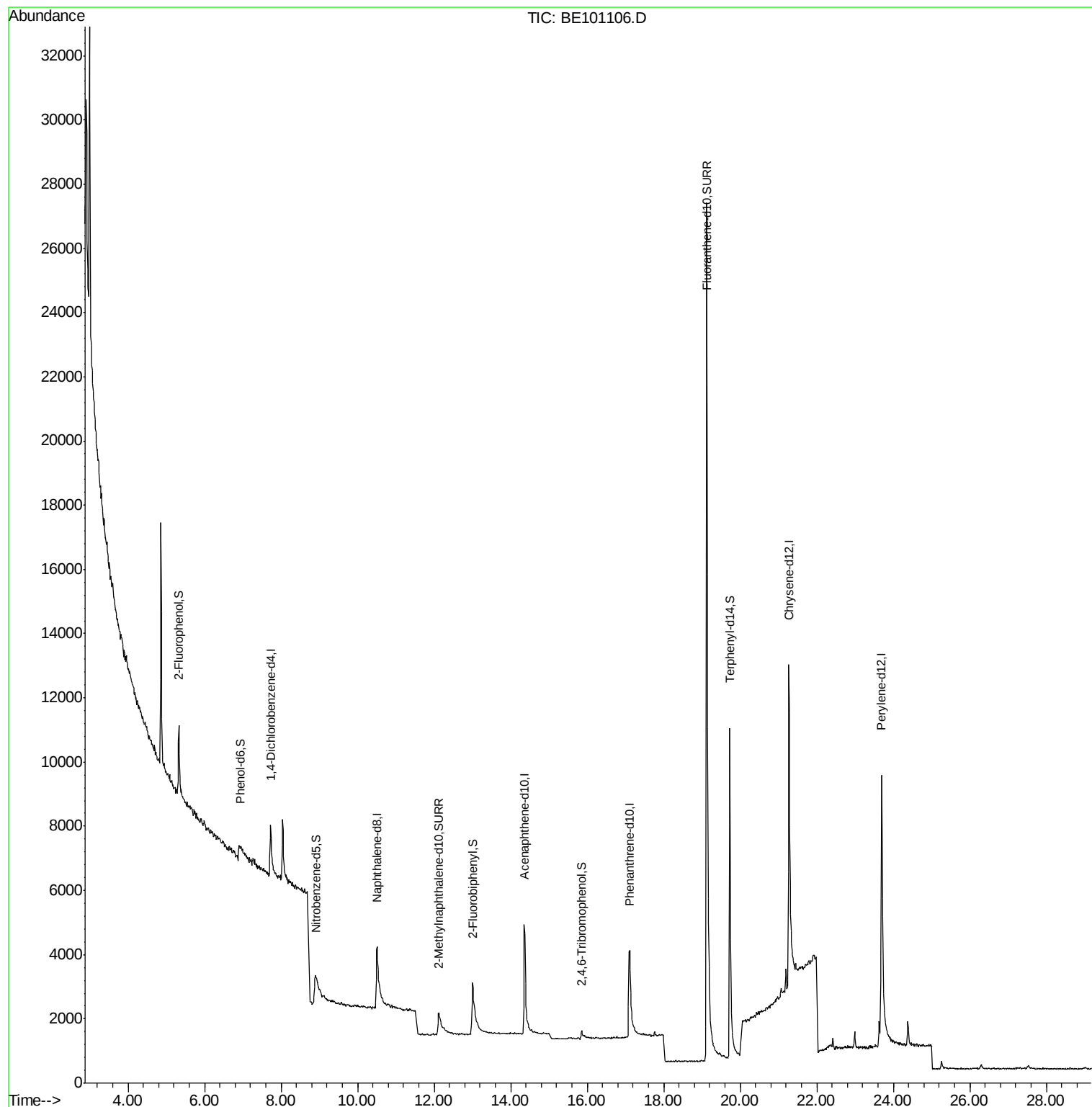
Target Compounds	Qvalue
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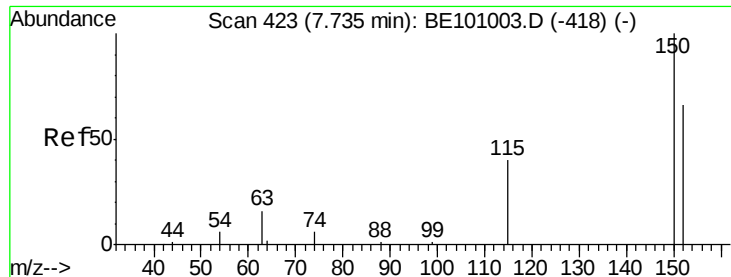
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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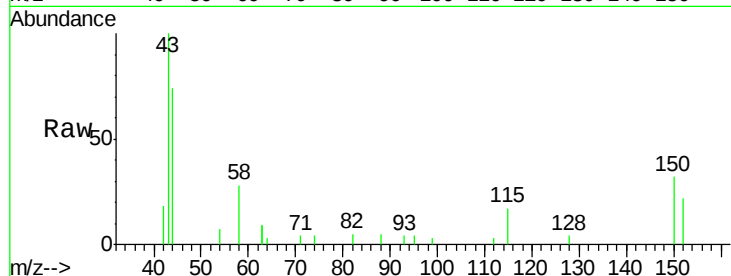


#1

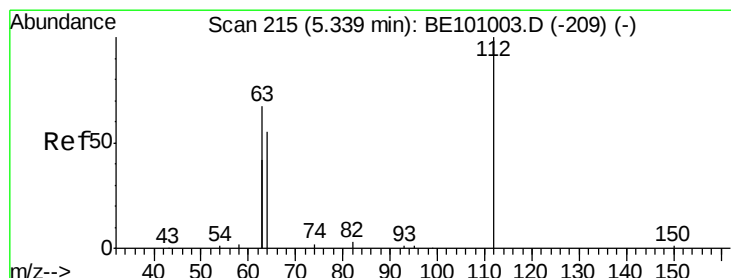
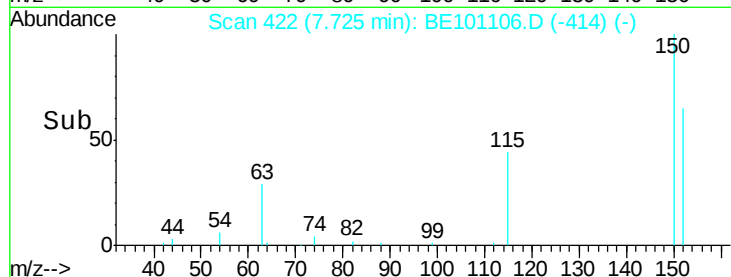
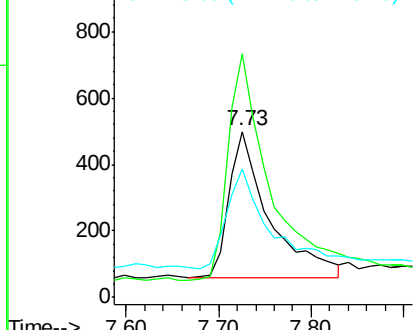
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101106.D
Acq: 21 Jan 2020 11:01

Instrument :
BNA_E
ClientSampleId :
PB126198BL

Tot Ion:152 Resp: 1341
Ion Ratio Lower Upper
152 100
150 146.9 120.3 180.5
115 77.4 51.7 77.5



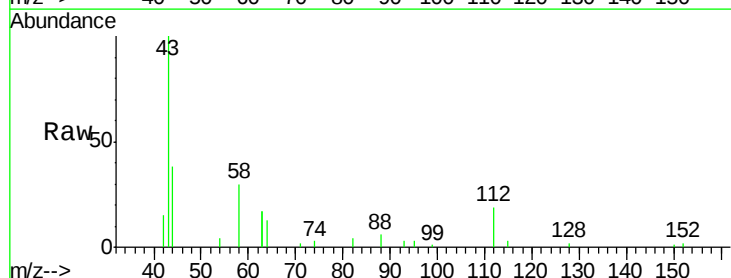
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



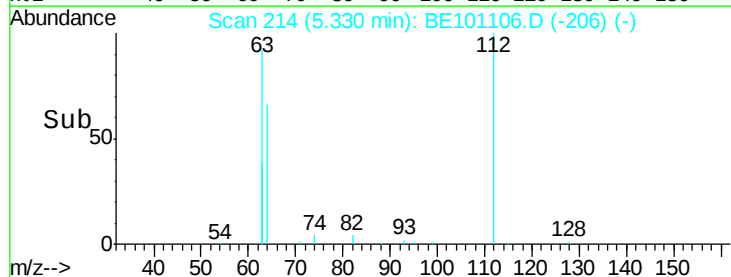
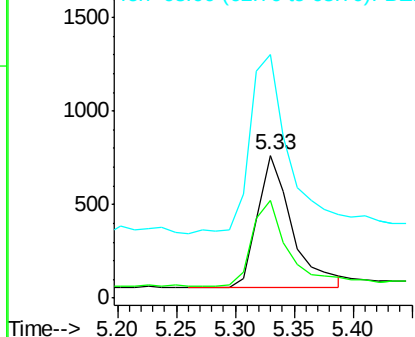
#4

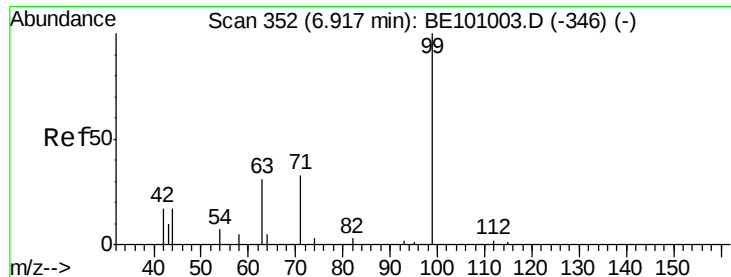
2-Fluorophenol
Concen: 0.485 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101106.D
Acq: 21 Jan 2020 11:01

Tgt Ion:112 Resp: 1463
Ion Ratio Lower Upper
112 100
64 68.6 53.6 80.4
63 153.4 114.6 172.0



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: 0.330 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.01 min

Lab File: BE101106.D

Acq: 21 Jan 2020 11:01

Instrument :

BNA_E

ClientSampleId :

PB126198BL

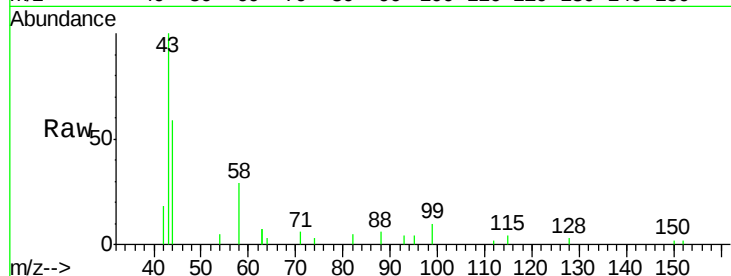
Tot Ion: 99 Resp: 1260

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

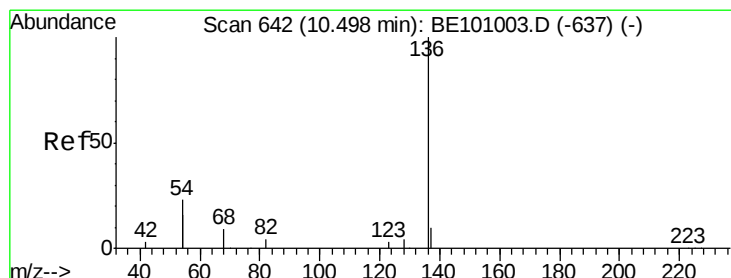
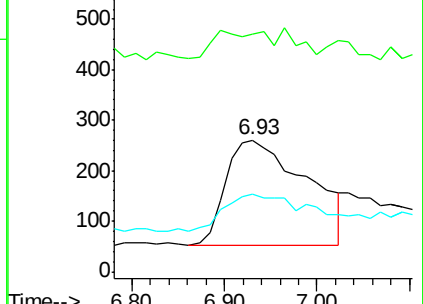
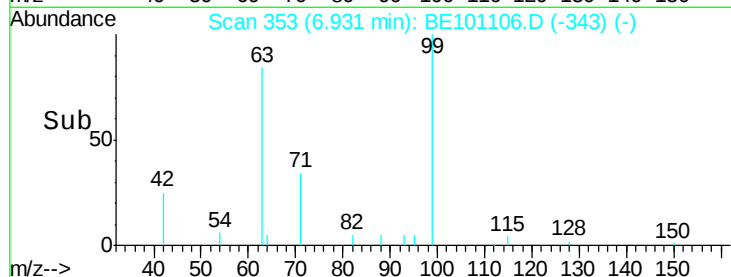
71 38.8 28.0 42.0



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: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101106.D

Acq: 21 Jan 2020 11:01

Tgt Ion: 136 Resp: 5538

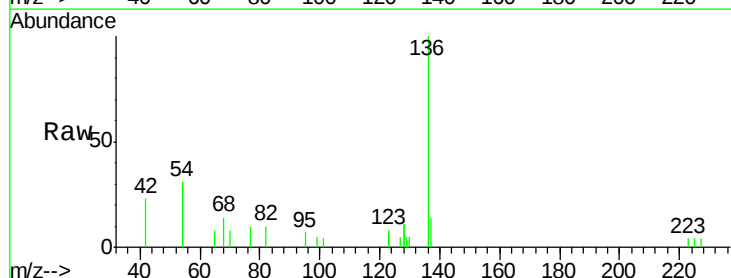
Ion Ratio Lower Upper

136 100

137 14.2 9.3 13.9#

54 62.7 36.8 55.2#

68 14.0 8.4 12.6#

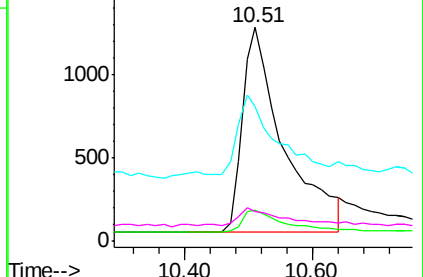
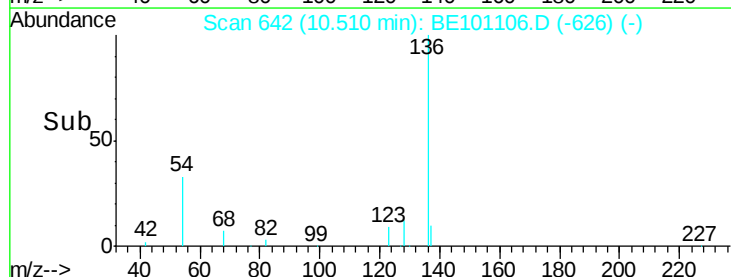


Abundance Ion 136.00 (135.70 to 136.70): BE1

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: 0.353 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.04 min

Lab File: BE101106.D

Acq: 21 Jan 2020 11:01

Instrument :

BNA_E

ClientSampleId :

PB126198BL

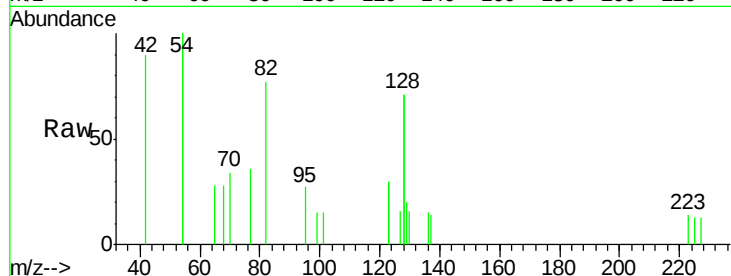
Tot Ion: 82 Resp: 1398

Ion Ratio Lower Upper

82 100

128 184.8 109.8 164.6#

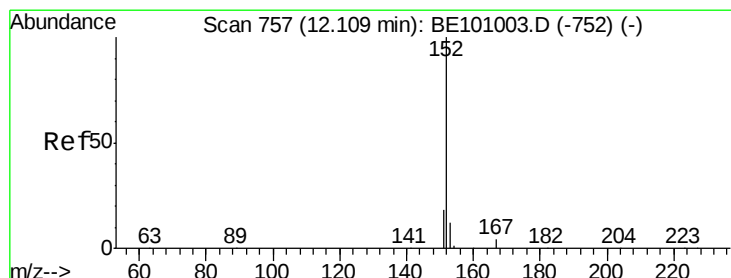
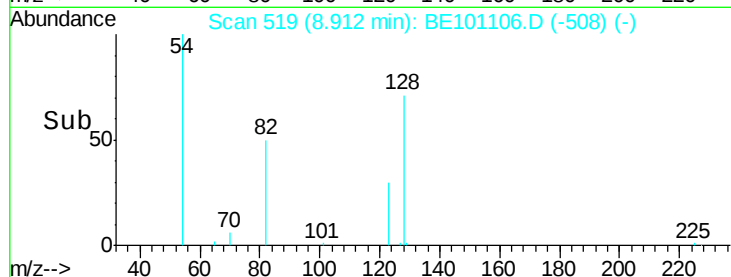
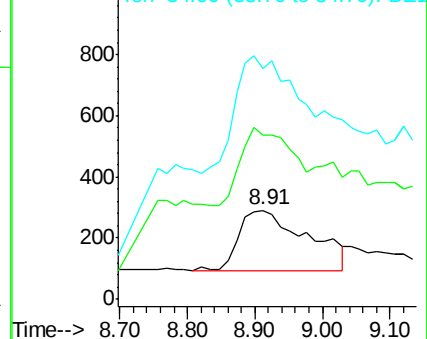
54 260.0 174.5 261.7



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: 0.335 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.00 min

Lab File: BE101106.D

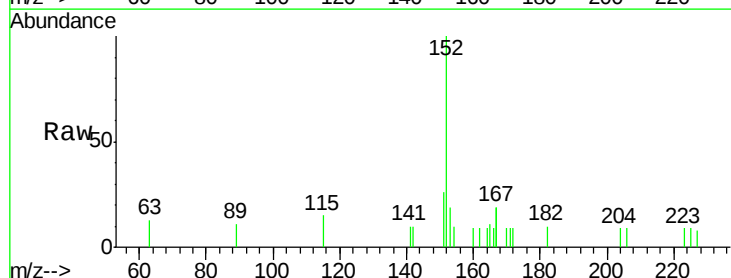
Acq: 21 Jan 2020 11:01

Tgt Ion: 152 Resp: 3543

Ion Ratio Lower Upper

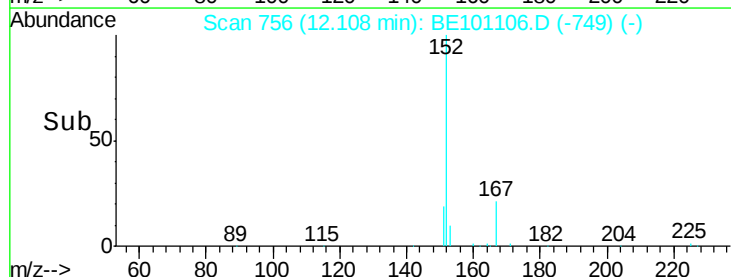
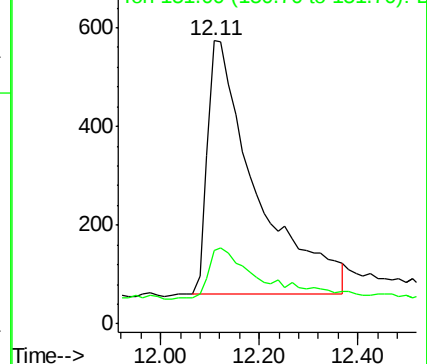
152 100

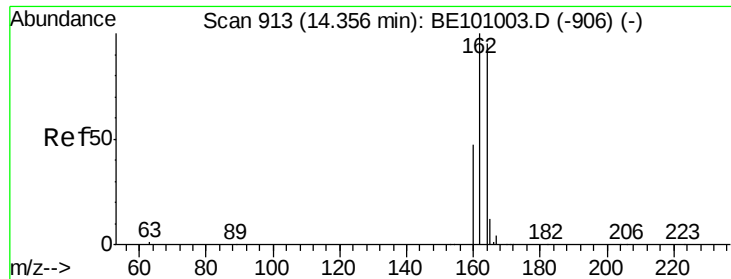
151 18.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

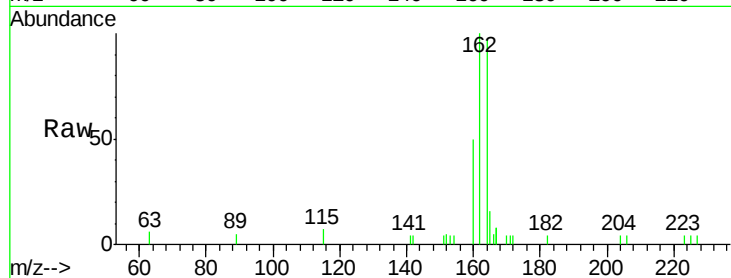




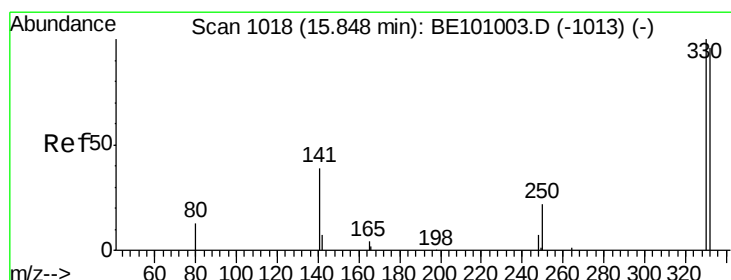
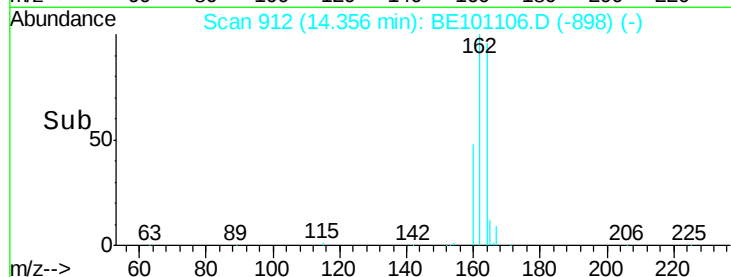
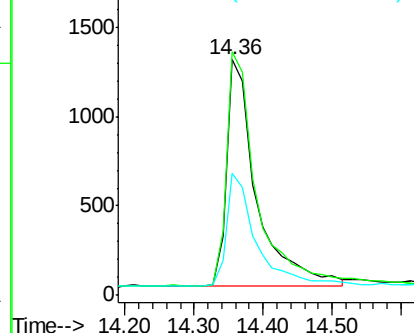
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101106.D
Acq: 21 Jan 2020 11:01

Instrument :
BNA_E
ClientSampleId :
PB126198BL

Tot Ion:164 Resp: 3850
Ion Ratio Lower Upper
164 100
162 103.3 84.1 126.1
160 51.8 40.4 60.6

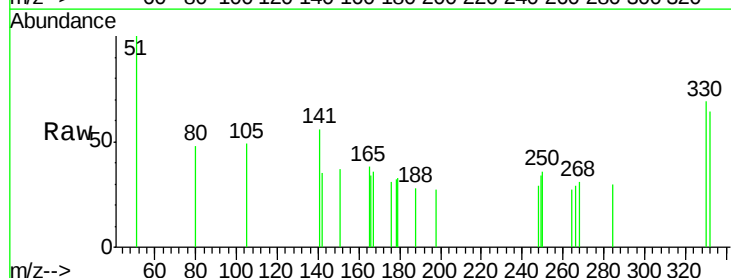


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

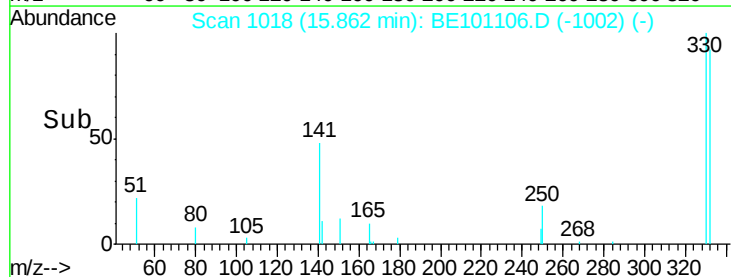
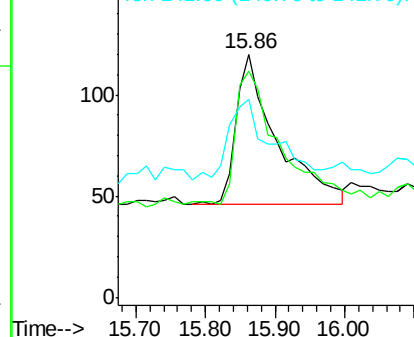


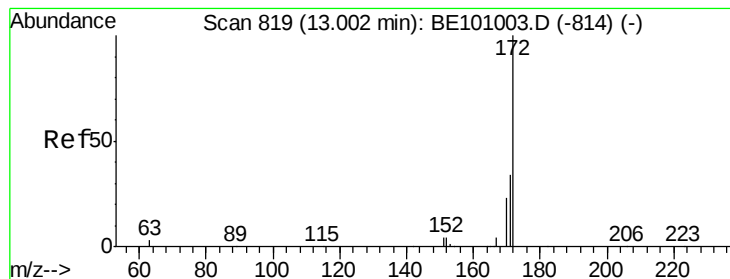
#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE101106.D
Acq: 21 Jan 2020 11:01

Tgt Ion:330 Resp: 301
Ion Ratio Lower Upper
330 100
332 97.0 78.4 117.6
141 58.5 37.0 55.4#



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

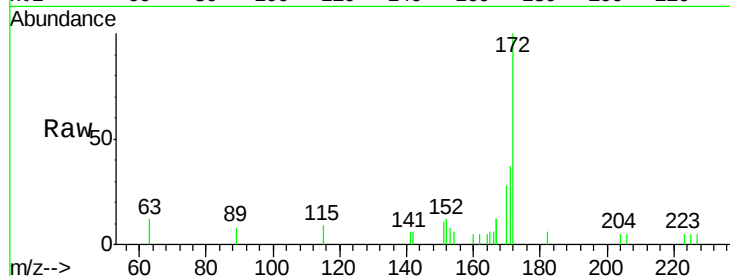




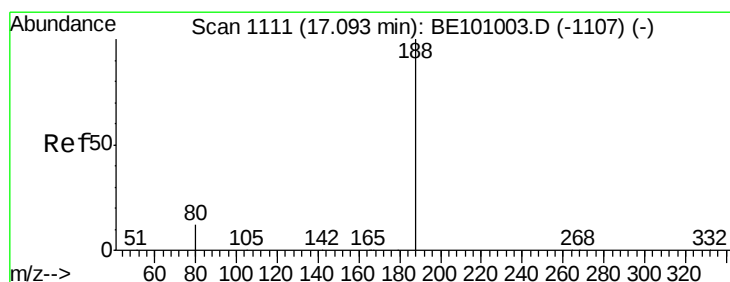
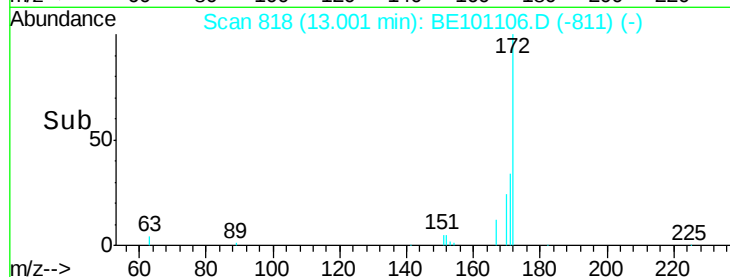
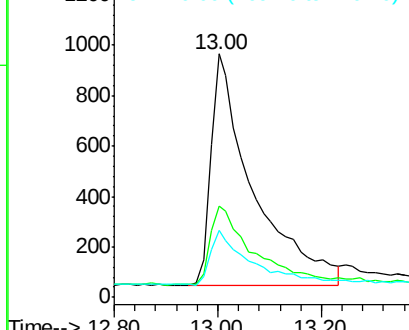
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101106.D
Acq: 21 Jan 2020 11:01

Instrument :
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Tot Ion:172 Resp: 5185
Ion Ratio Lower Upper
172 100
171 37.3 28.2 42.2
170 27.6 18.9 28.3



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

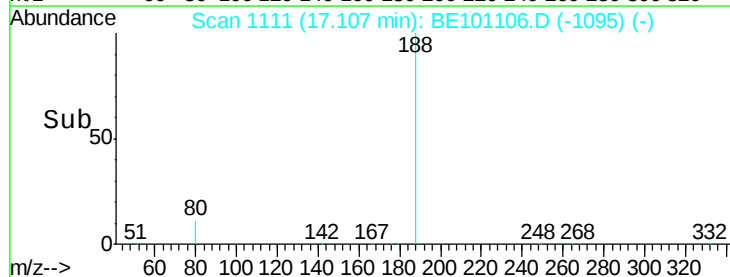
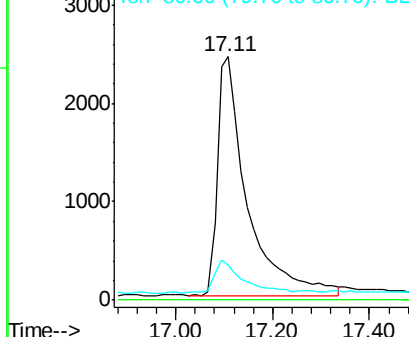


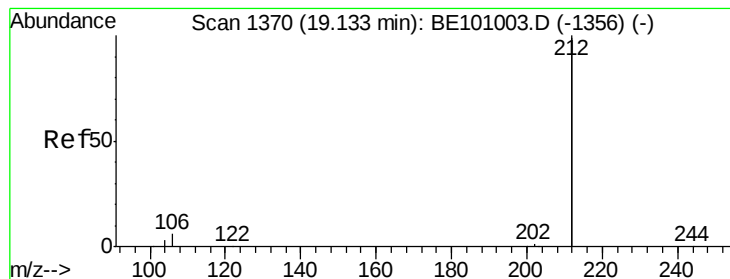
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101106.D
Acq: 21 Jan 2020 11:01

Tgt Ion:188 Resp: 10357
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 10.8 16.2



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: 0.450 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101106.D

Acq: 21 Jan 2020 11:01

Instrument :

BNA_E

ClientSampleId :

PB126198BL

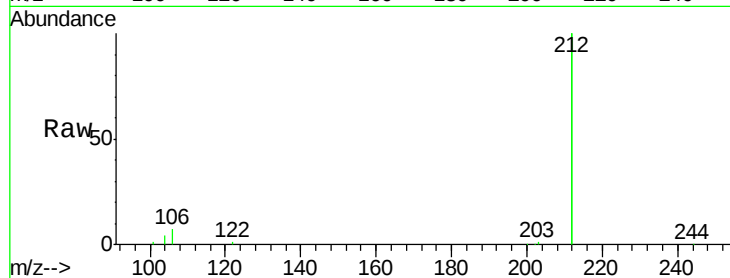
Tot Ion:212 Resp: 64786

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

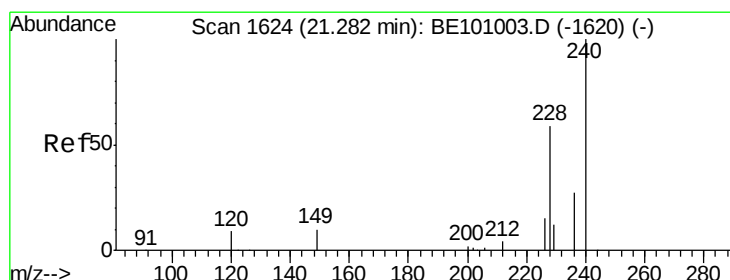
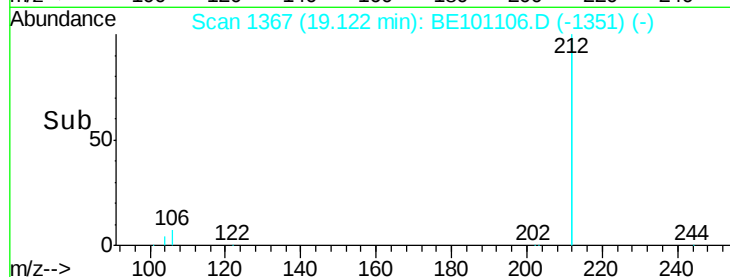
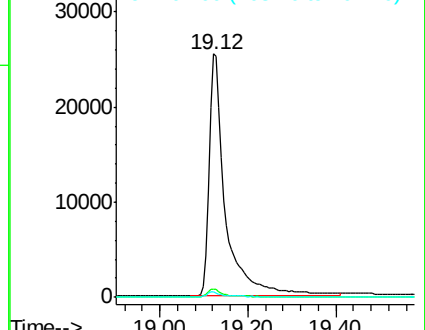
104 1.7 1.4 2.0



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: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101106.D

Acq: 21 Jan 2020 11:01

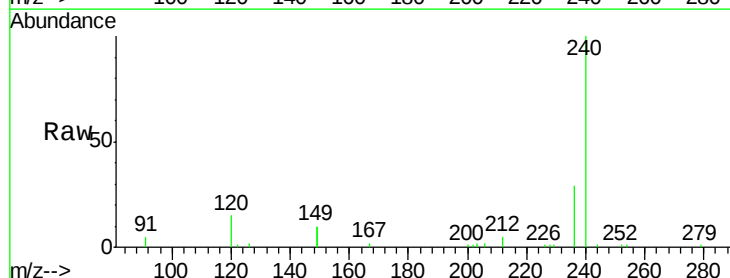
Tgt Ion:240 Resp: 19739

Ion Ratio Lower Upper

240 100

120 15.3 8.6 13.0#

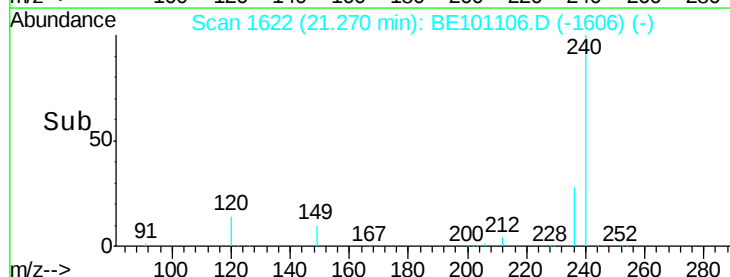
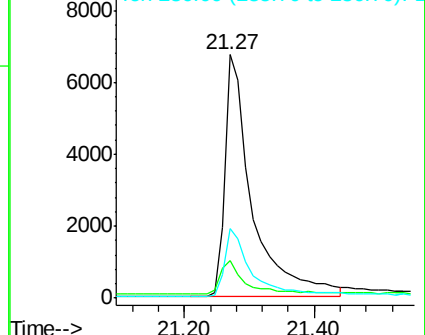
236 28.6 22.2 33.4

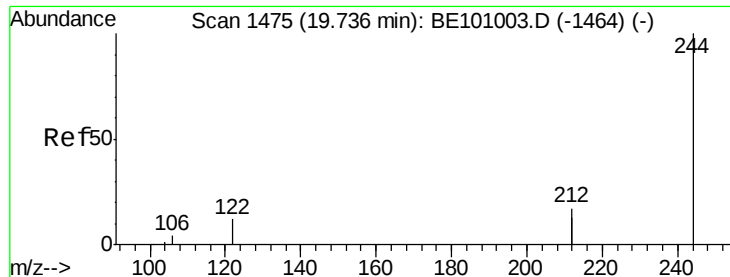


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.301 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101106.D

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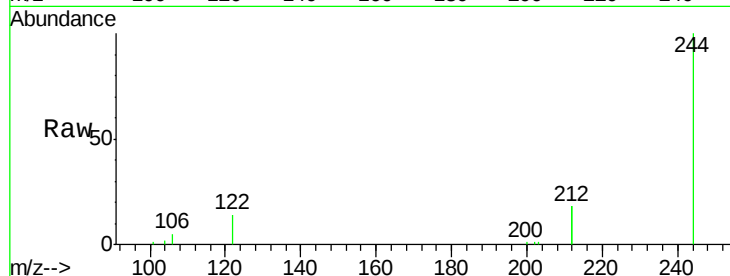
Tot Ion:244 Resp: 14587

Ion Ratio Lower Upper

244 100

212 35.5 27.2 40.8

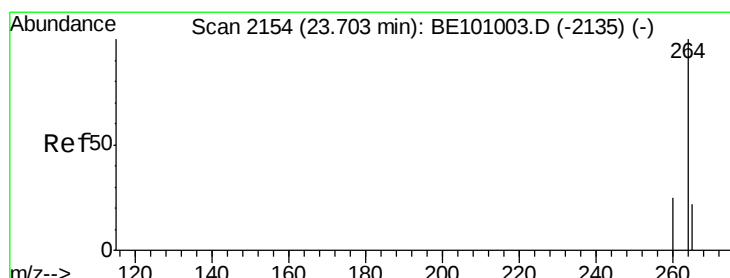
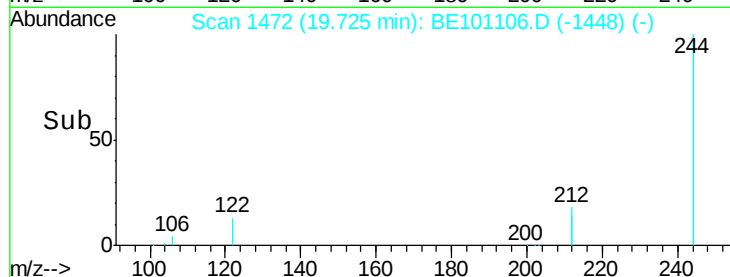
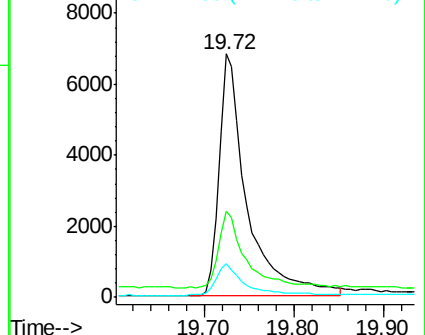
122 14.0 9.8 14.8



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: 23.70 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BE101106.D

Acq: 21 Jan 2020 11:01

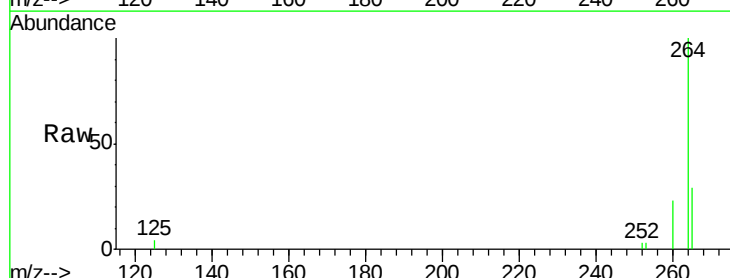
Tgt Ion:264 Resp: 19773

Ion Ratio Lower Upper

264 100

260 22.7 20.3 30.5

265 29.4 27.0 40.4



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

