

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100188.D
 Acq On : 26 Jun 2019 10:52
 Operator : JU/SJ
 Sample : PB120704BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120704BL

Quant Time: Jun 27 04:55:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 15:40:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	542	0.40	ng	0.02
7) Naphthalene-d8	10.50	136	1817	0.40	ng	0.03
13) Acenaphthene-d10	14.36	164	1277	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	4129	0.40	ng	0.01
27) Chrysene-d12	21.28	240	5654	0.40	ng	0.00
34) Perylene-d12	23.74	264	6446	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	399	0.33	ng	0.01
5) Phenol-d6	6.91	99	351	0.21	ng	0.04
8) Nitrobenzene-d5	8.90	82	405	0.22	ng	0.05
11) 2-Methylnaphthalene-d10	12.11	152	864	0.25	ng	0.03
14) 2,4,6-Tribromophenol	15.89	330	75	0.10	ng	0.04
15) 2-Fluorobiphenyl	13.00	172	1498	0.29	ng	0.03
25) Fluoranthene-d10	19.14	212	16324	0.27	ng	0.01
29) Terphenyl-d14	19.74	244	3529	0.32	ng	0.00

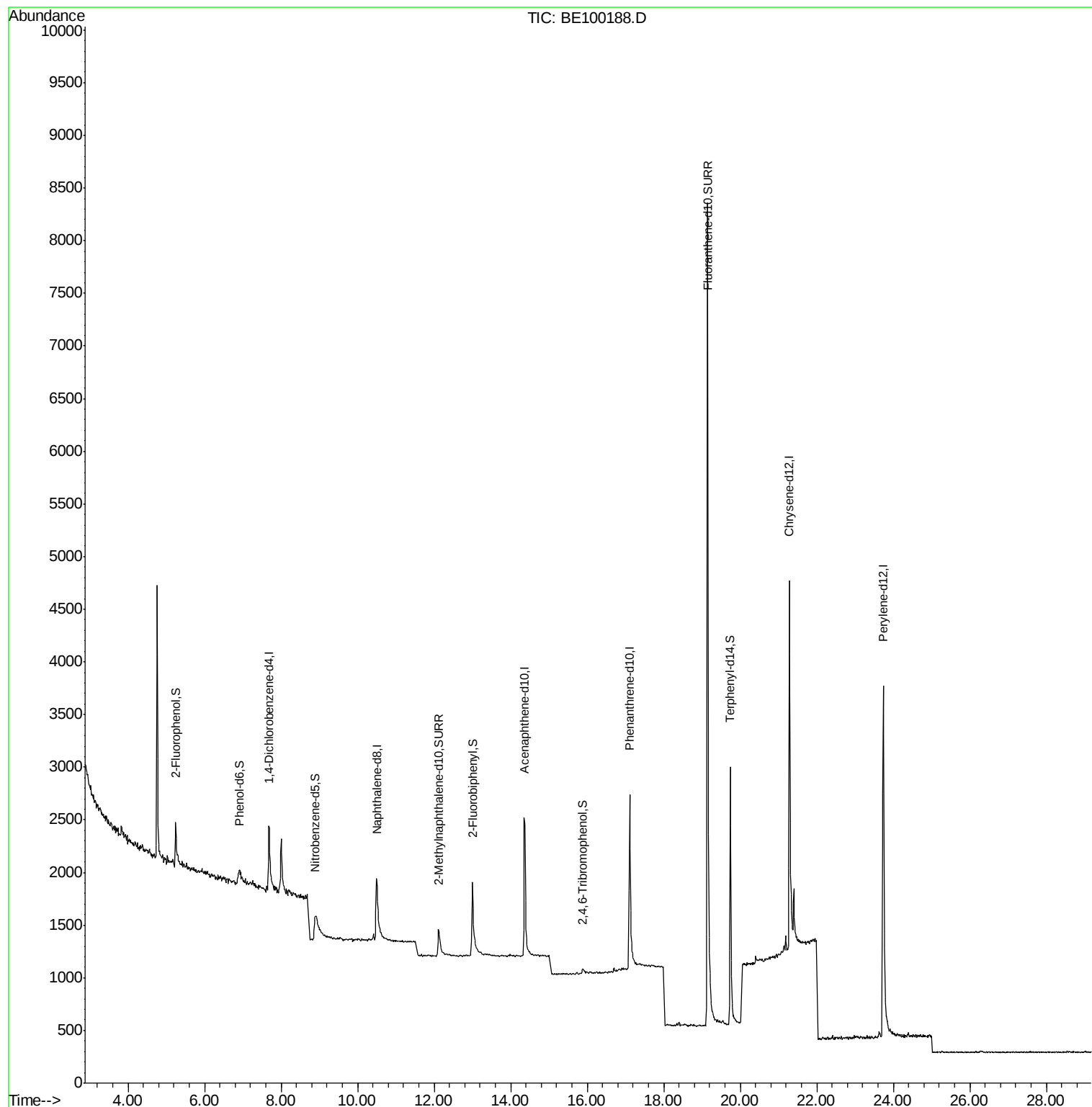
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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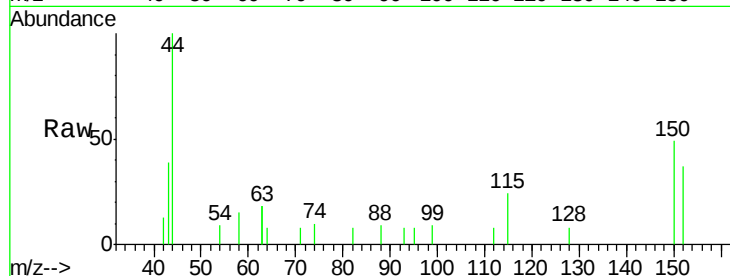


#1

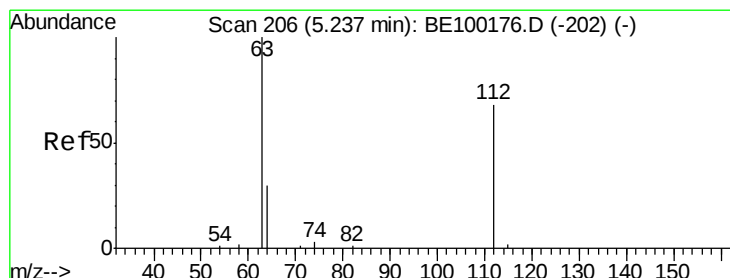
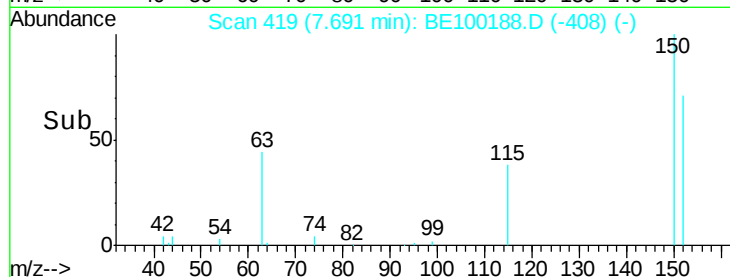
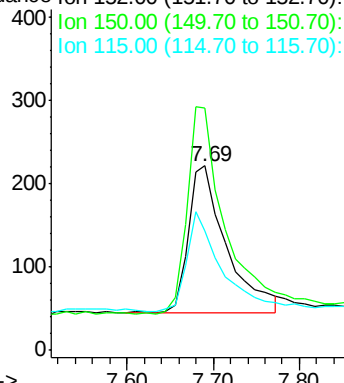
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 419
Delta R.T. 0.02 min
Lab File: BE100188.D
Acq: 26 Jun 2019 10:52

Instrument :
BNA_E
ClientSampleId :
PB120704BL

Tgt Ion:152 Resp: 542
Ion Ratio Lower Upper
152 100
150 131.7 113.4 170.2
115 64.7 55.8 83.6



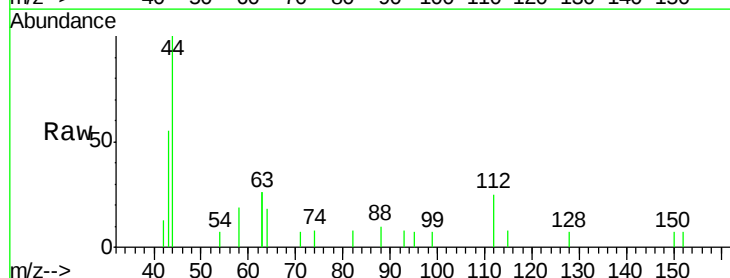
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



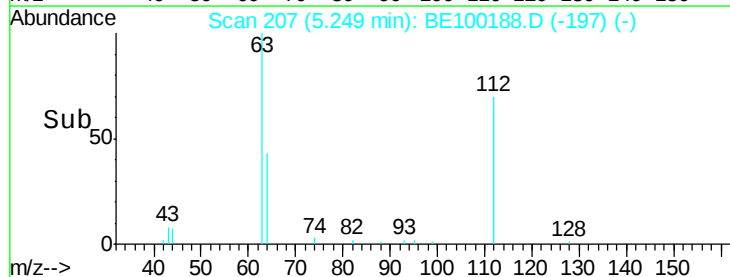
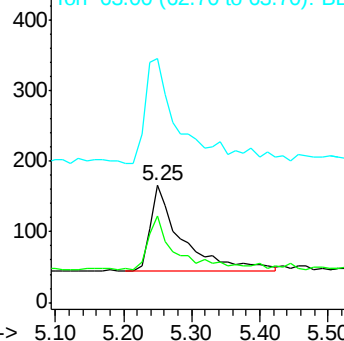
#4

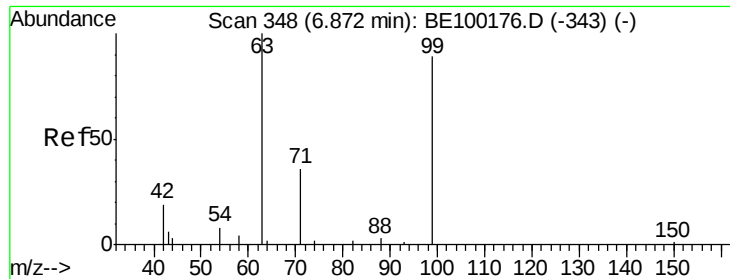
2-Fluorophenol
Concen: 0.331 ng
RT: 5.25 min Scan# 207
Delta R.T. 0.01 min
Lab File: BE100188.D
Acq: 26 Jun 2019 10:52

Tgt Ion:112 Resp: 399
Ion Ratio Lower Upper
112 100
64 52.4 40.7 61.1
63 135.1 93.2 139.8



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: 0.212 ng

RT: 6.91 min Scan# 351

Delta R.T. 0.04 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

Instrument :

BNA_E

ClientSampleId :

PB120704BL

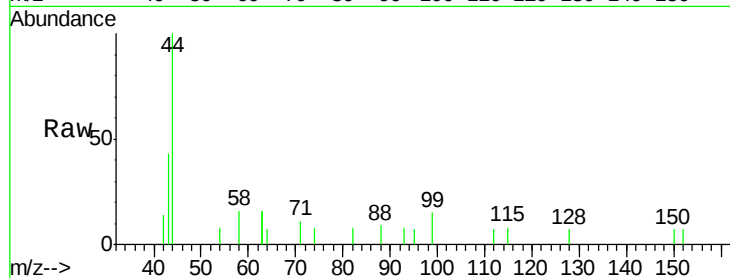
Tgt Ion: 99 Resp: 351

Ion Ratio Lower Upper

99 100

42 16.8 10.4 15.6#

71 54.7 32.4 48.6#



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

6.91

100

80

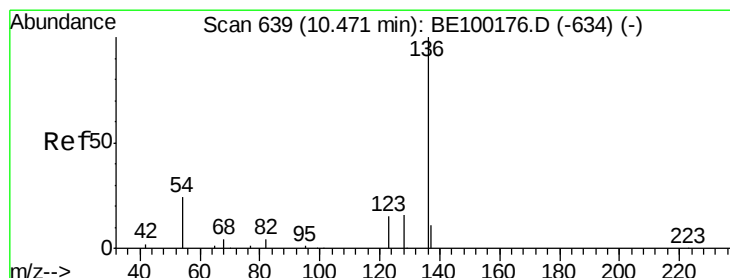
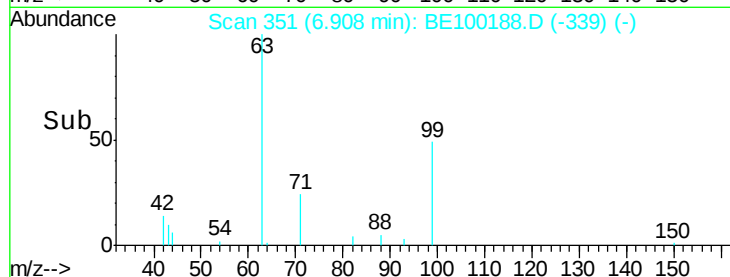
60

40

20

0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. 0.03 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

Tgt Ion: 136 Resp: 1817

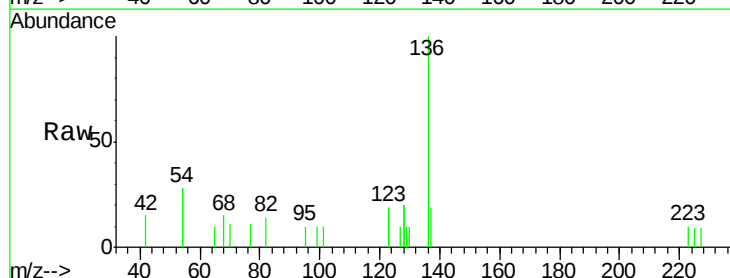
Ion Ratio Lower Upper

136 100

137 18.9 13.8 20.8

54 56.2 35.4 53.2#

68 14.6 8.8 13.2#



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

10.50

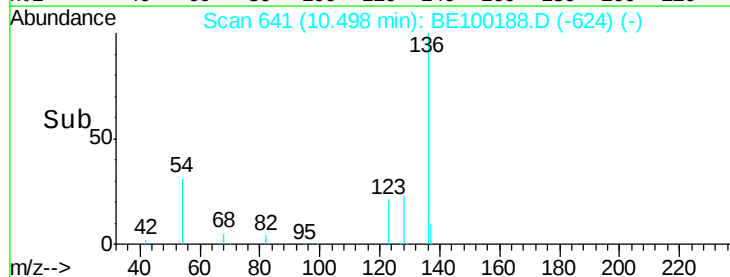
600

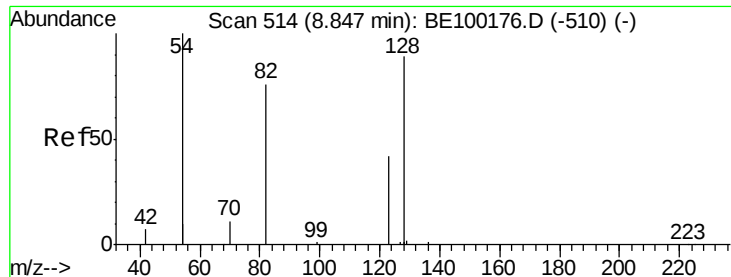
400

200

0

Time-->





#8

Nitrobenzene-d5

Concen: 0.224 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.05 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

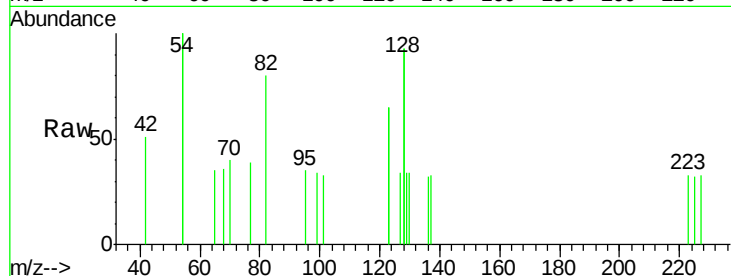
Instrument :

BNA_E

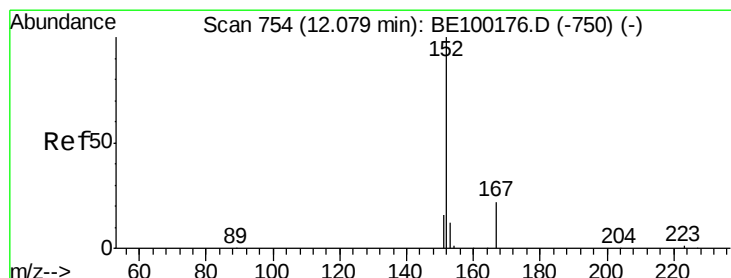
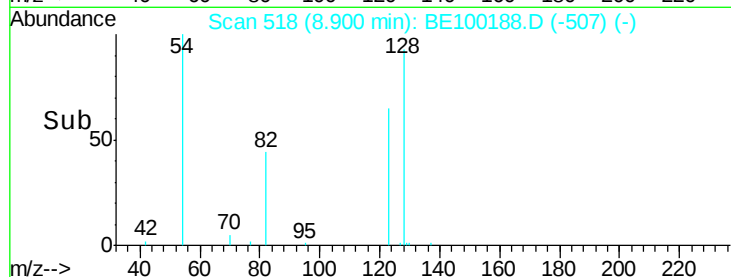
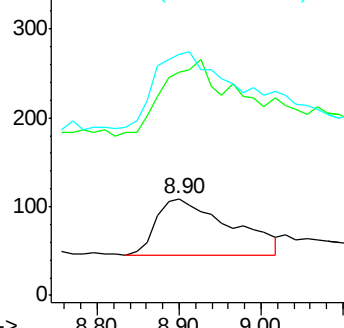
ClientSampleId :

PB120704BL

Tgt Ion:	82	Resp:	405
Ion	Ratio	Lower	Upper
82	100		
128	231.2	144.6	217.0#
54	249.5	163.0	244.6#



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: 0.254 ng

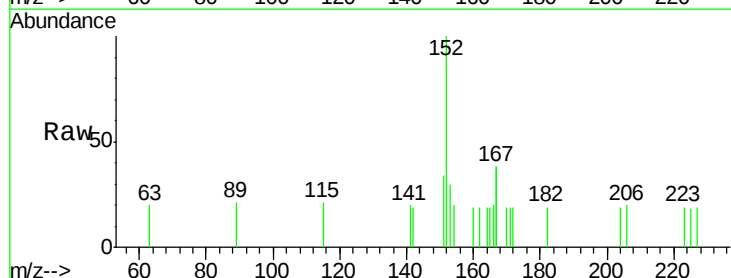
RT: 12.11 min Scan# 756

Delta R.T. 0.03 min

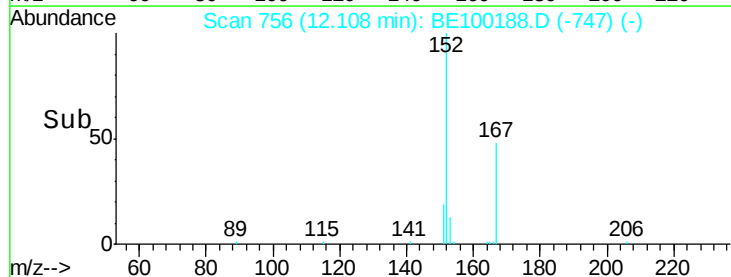
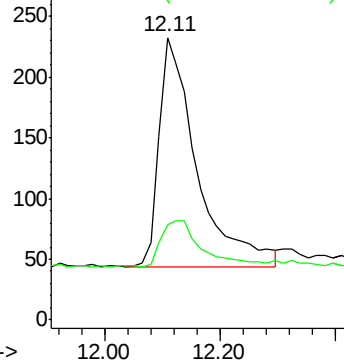
Lab File: BE100188.D

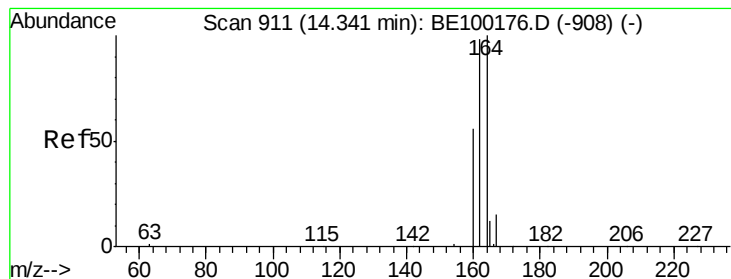
Acq: 26 Jun 2019 10:52

Tgt Ion:	152	Resp:	864
Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.3	24.5



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. 0.01 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

Instrument :

BNA_E

ClientSampleId :

PB120704BL

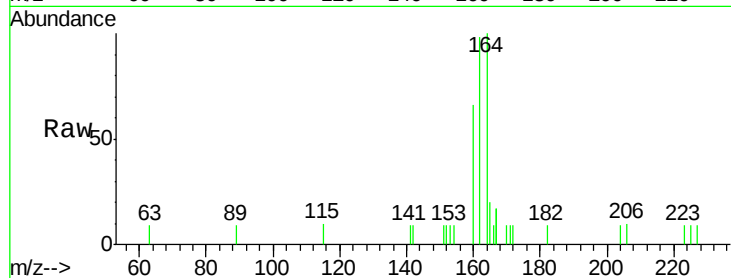
Tgt Ion:164 Resp: 1277

Ion Ratio Lower Upper

164 100

162 98.1 78.6 118.0

160 65.7 46.9 70.3



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

14.36

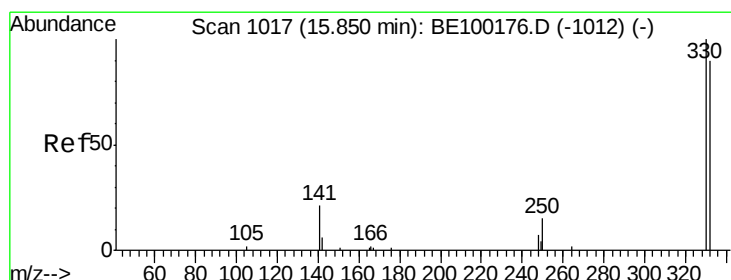
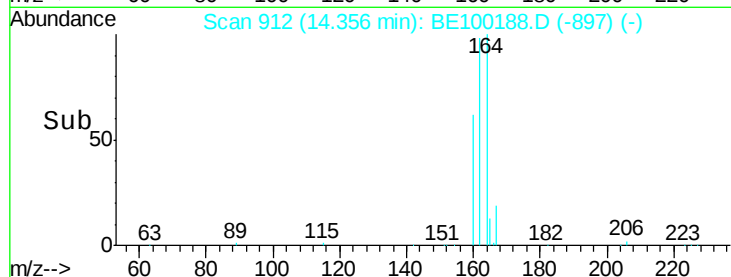
400

200

0

14.30 14.40 14.50

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.101 ng

RT: 15.89 min Scan# 1020

Delta R.T. 0.04 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

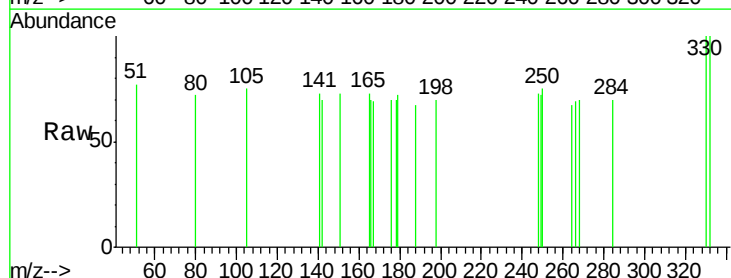
Tgt Ion:330 Resp: 75

Ion Ratio Lower Upper

330 100

332 157.3 77.7 116.5#

141 21.3 18.9 28.3



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

15.89

80

60

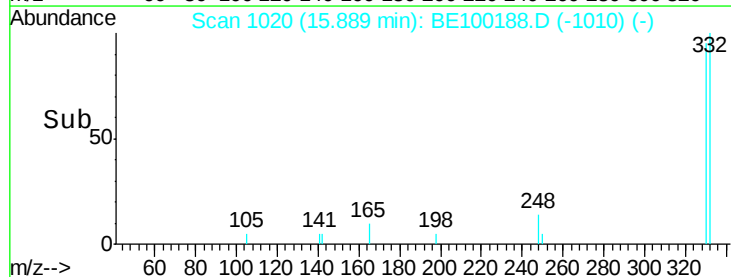
40

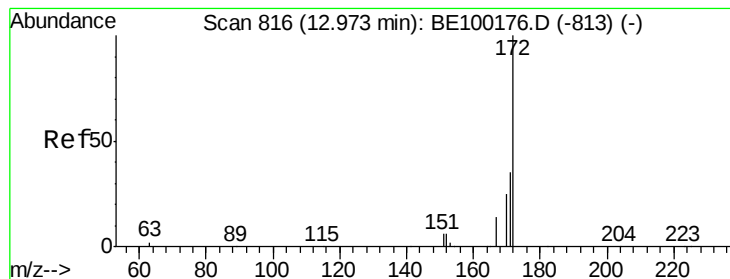
20

0

15.80 15.90 16.00

Time-->

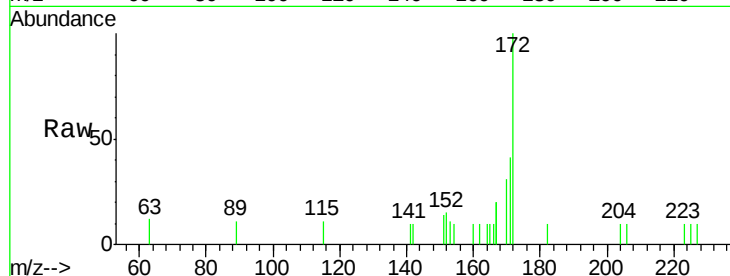




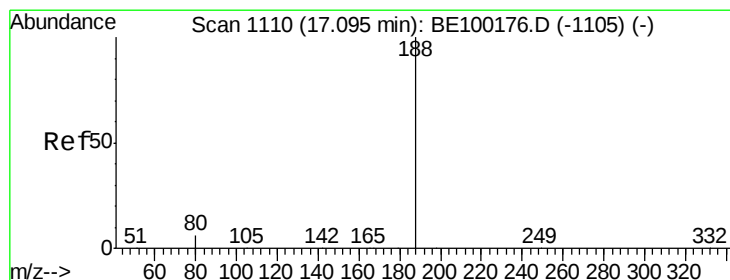
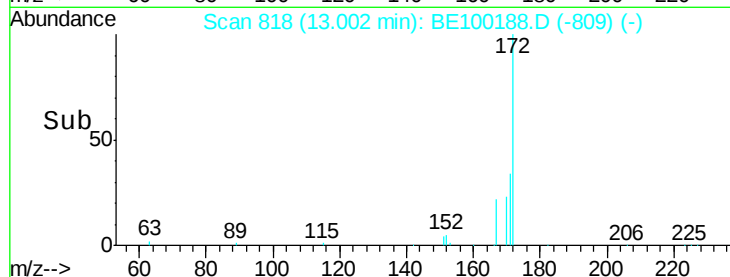
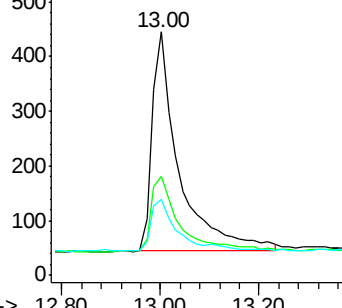
#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.03 min
Lab File: BE100188.D
Acq: 26 Jun 2019 10:52

Instrument :
BNA_E
ClientSampleId :
PB120704BL

Tgt Ion:172 Resp: 1498
Ion Ratio Lower Upper
172 100
171 40.9 31.0 46.4
170 31.2 23.9 35.9

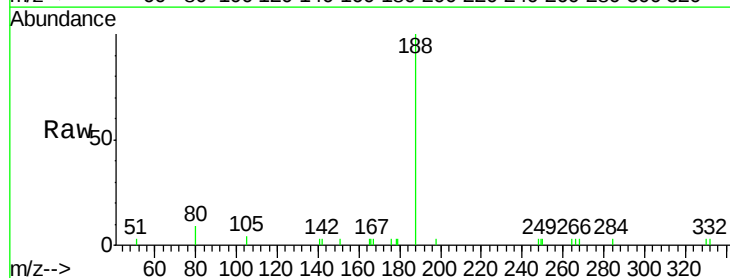


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

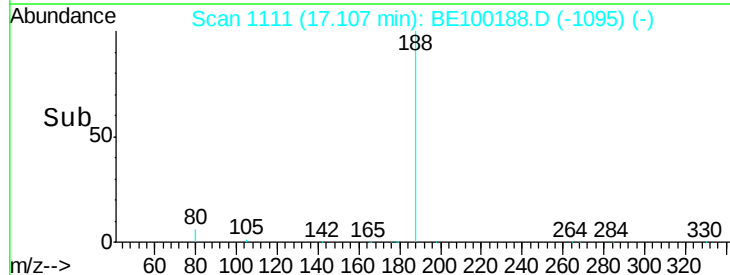
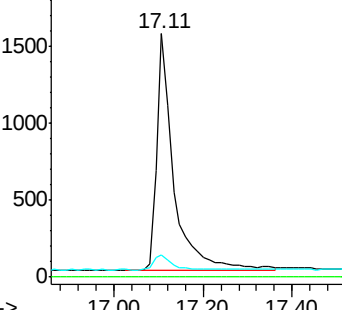


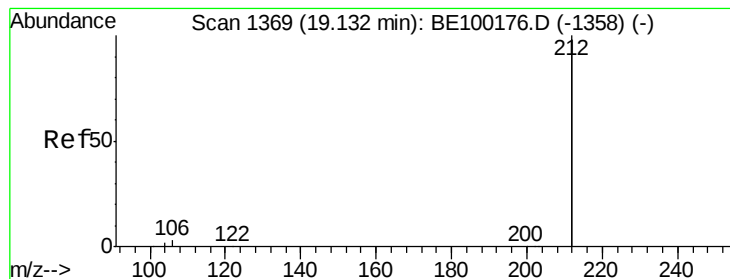
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE100188.D
Acq: 26 Jun 2019 10:52

Tgt Ion:188 Resp: 4129
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.4 9.6



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: 0.274 ng

RT: 19.14 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

Instrument :

BNA_E

ClientSampleId :

PB120704BL

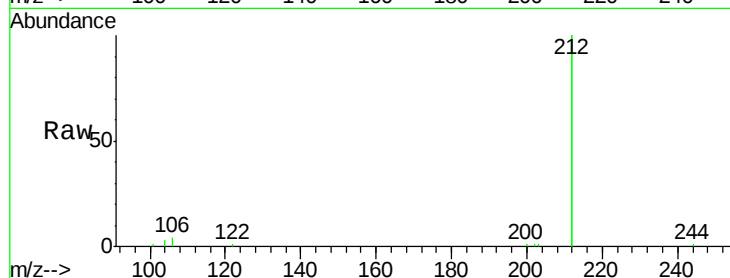
Tgt Ion:212 Resp: 16324

Ion Ratio Lower Upper

212 100

106 1.4 1.3 1.9

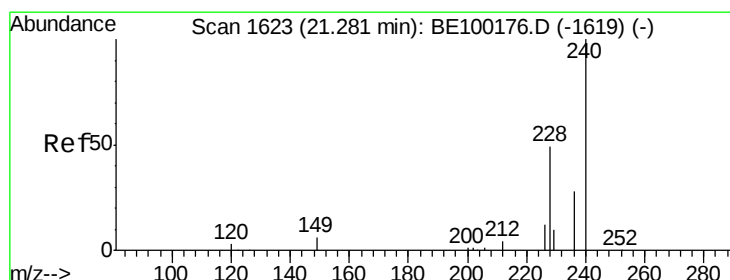
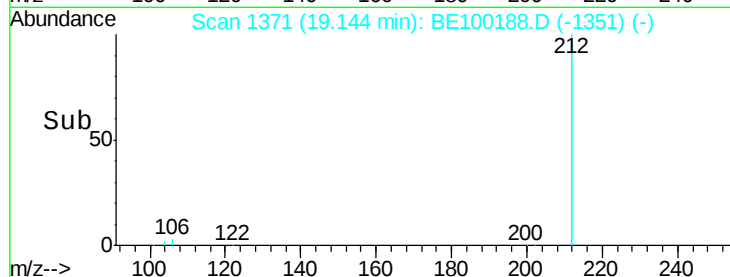
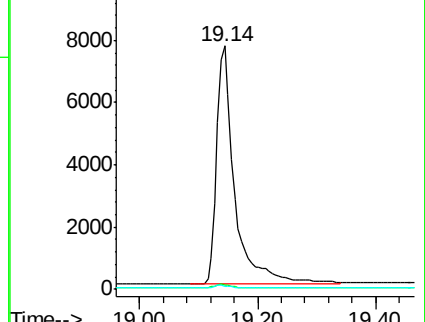
104 0.9 0.7 1.1



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: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

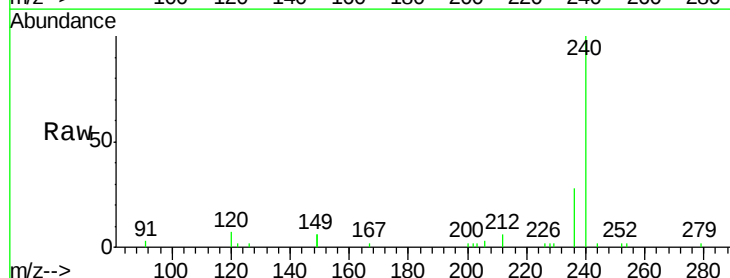
Tgt Ion:240 Resp: 5654

Ion Ratio Lower Upper

240 100

120 7.2 4.1 6.1#

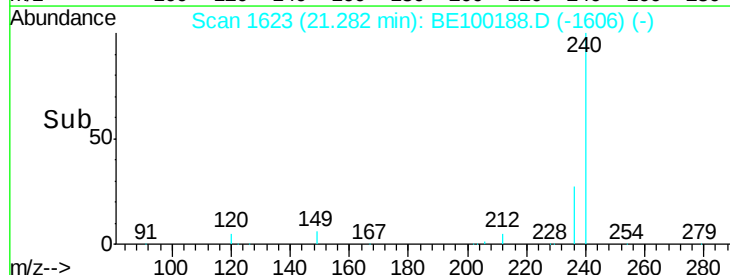
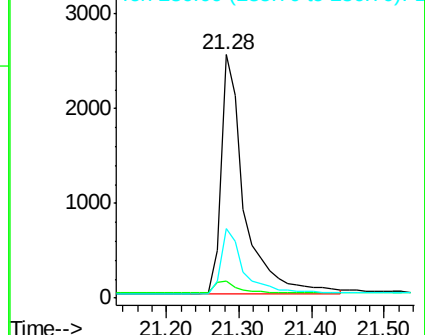
236 28.4 23.0 34.6

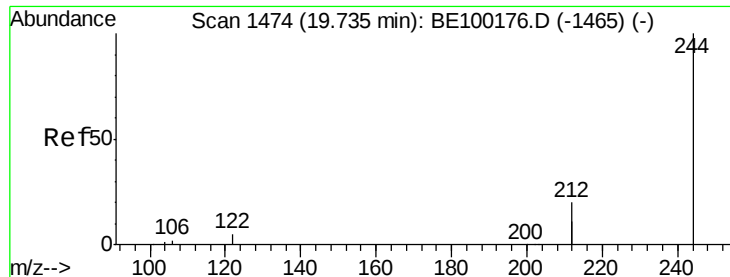


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.318 ng

RT: 19.74 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

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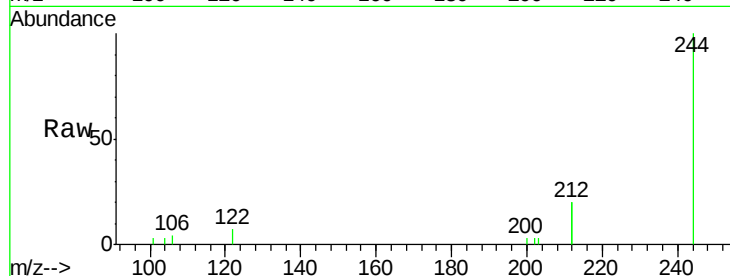
Tgt Ion:244 Resp: 3529

Ion Ratio Lower Upper

244 100

212 39.9 30.7 46.1

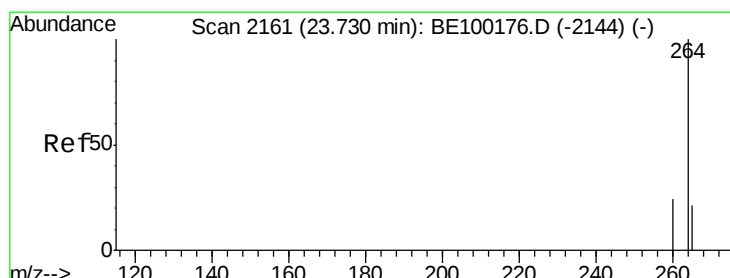
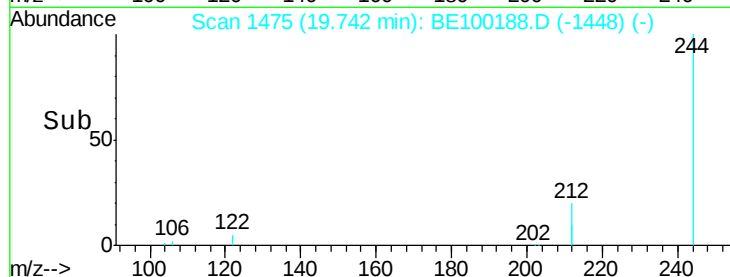
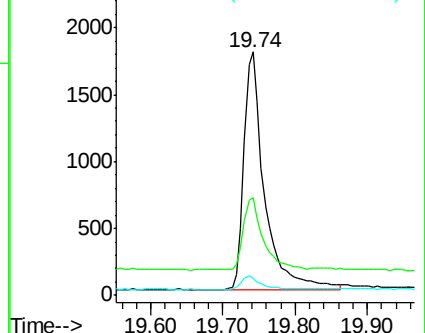
122 7.2 5.8 8.6



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: 23.74 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BE100188.D

Acq: 26 Jun 2019 10:52

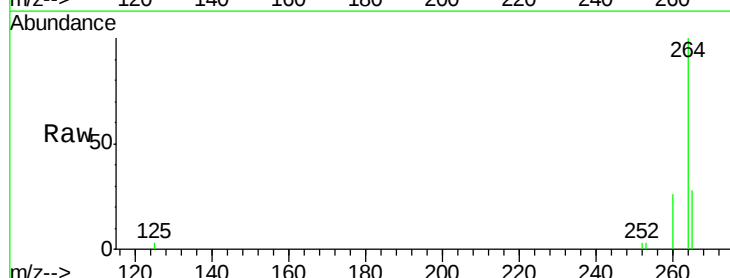
Tgt Ion:264 Resp: 6446

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

265 28.0 22.5 33.7



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

