

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100301.D
 Acq On : 2 Jul 2019 14:25
 Operator : JU/SJ
 Sample : K3504-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-013-B038-062019

Quant Time: Jul 03 02:12:45 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	853	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2791	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2176	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	6711	0.40	ng	0.01
27) Chrysene-d12	21.25	240	8968	0.40	ng	0.00
34) Perylene-d12	23.67	264	11286	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	678	0.31	ng	0.00
5) Phenol-d6	6.82	99	852	0.30	ng	-0.01
8) Nitrobenzene-d5	8.82	82	671	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	1338	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	420	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	1982	0.23	ng	0.00
25) Fluoranthene-d10	19.10	212	20479	0.21	ng	0.00
29) Terphenyl-d14	19.70	244	4162	0.22	ng	0.00

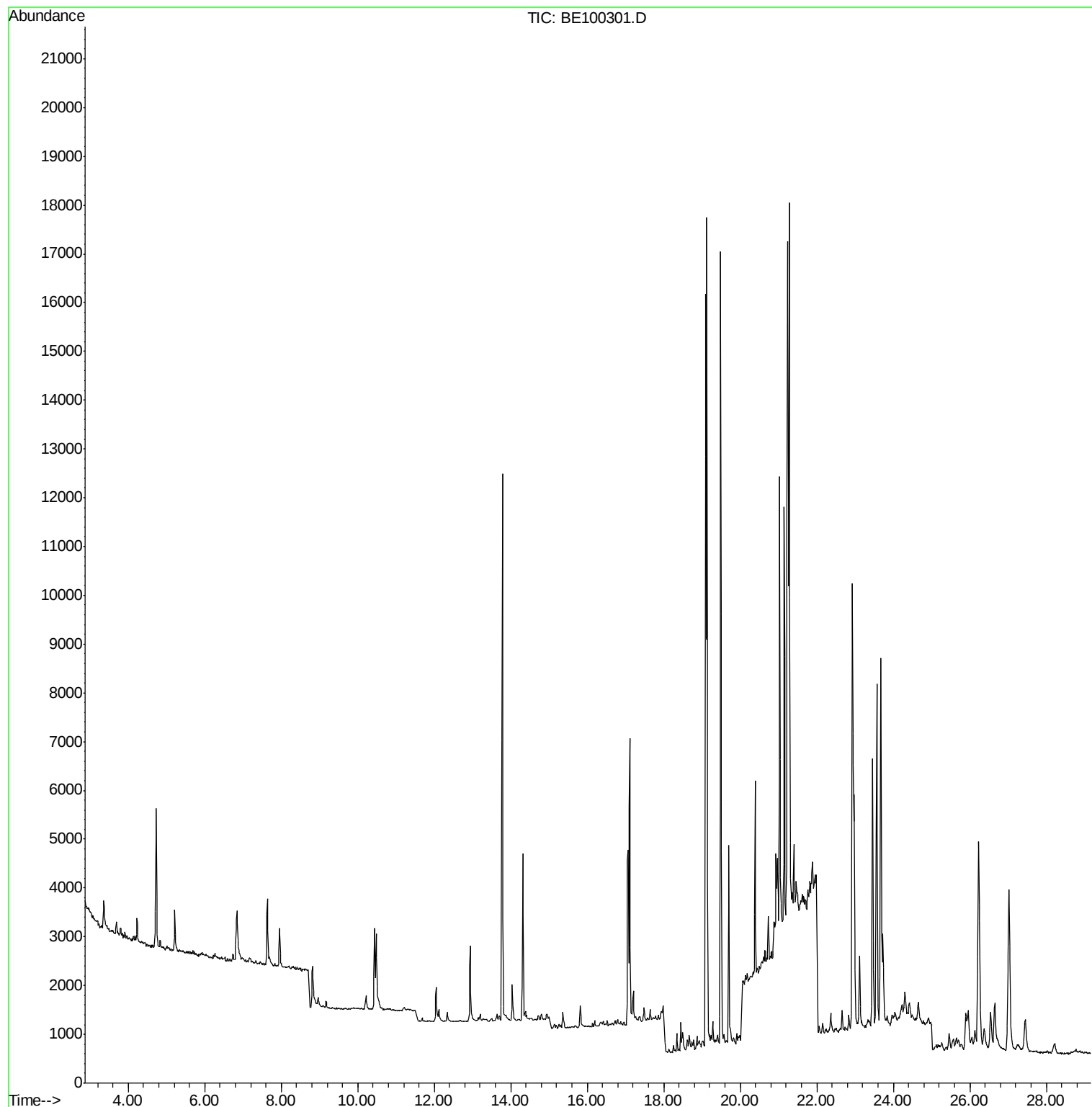
Target Compounds	Qvalue
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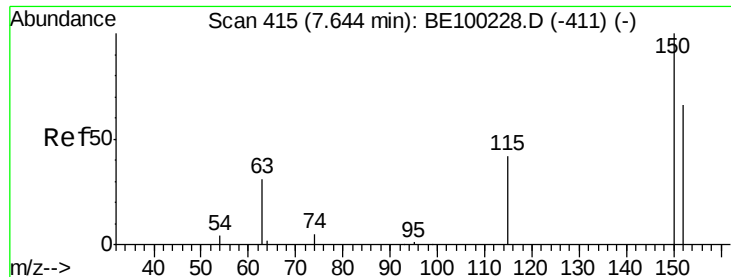
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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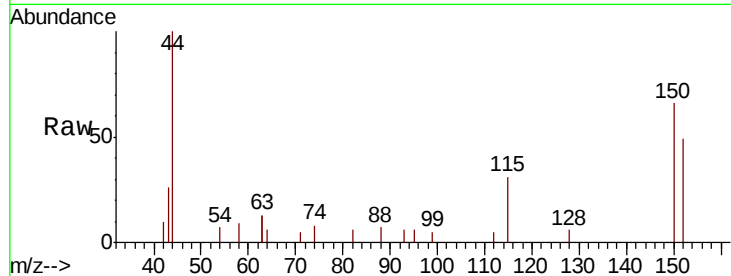


#1

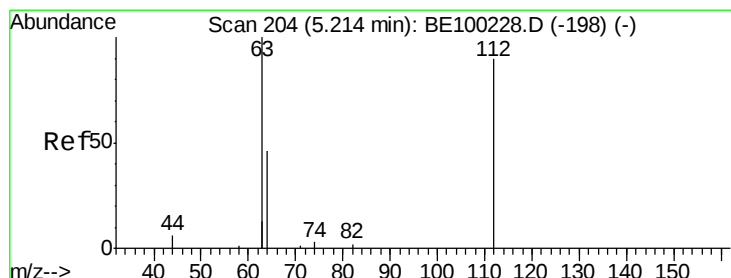
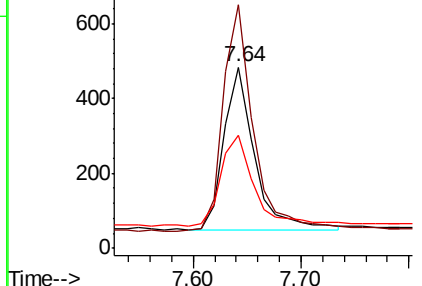
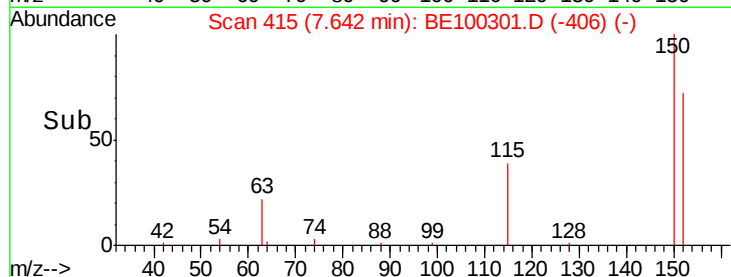
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100301.D
Acq: 2 Jul 2019 14:25

Instrument :
BNA_E
ClientSampleId :
PST-013-B038-062019

Tgt Ion:152 Resp: 853
Ion Ratio Lower Upper
152 100
150 134.5 114.5 171.7
115 62.2 57.1 85.7



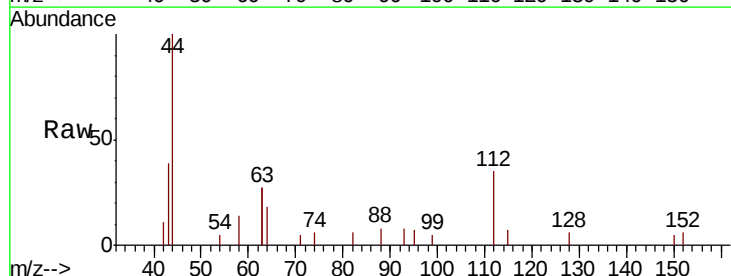
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



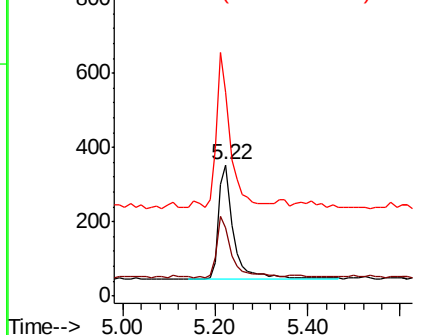
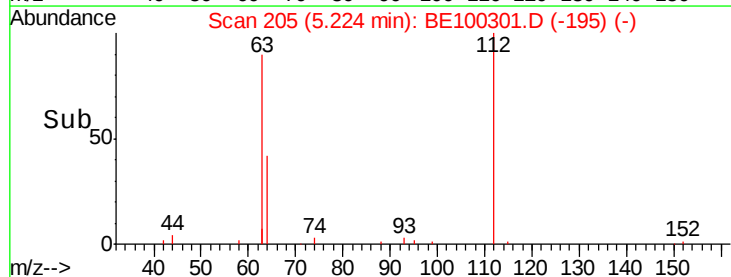
#4

2-Fluorophenol
Concen: 0.312 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100301.D
Acq: 2 Jul 2019 14:25

Tgt Ion:112 Resp: 678
Ion Ratio Lower Upper
112 100
64 53.2 39.4 59.0
63 124.5 104.5 156.7



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: 0.298 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100301.D

Acq: 2 Jul 2019 14:25

Instrument :

BNA_E

ClientSampleId :

PST-013-B038-062019

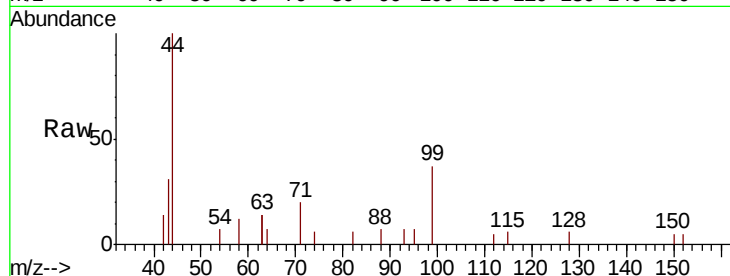
Tgt Ion: 99 Resp: 852

Ion Ratio Lower Upper

99 100

42 21.2 11.2 16.8#

71 42.7 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

500

400

300

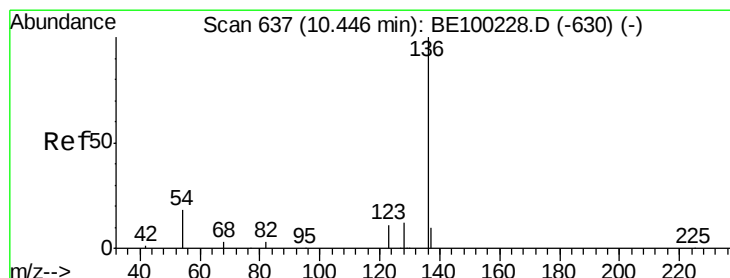
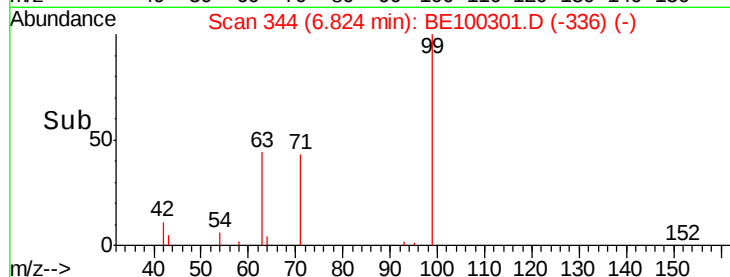
200

100

0

6.70 6.80 6.90 7.00

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE100301.D

Acq: 2 Jul 2019 14:25

Tgt Ion: 136 Resp: 2791

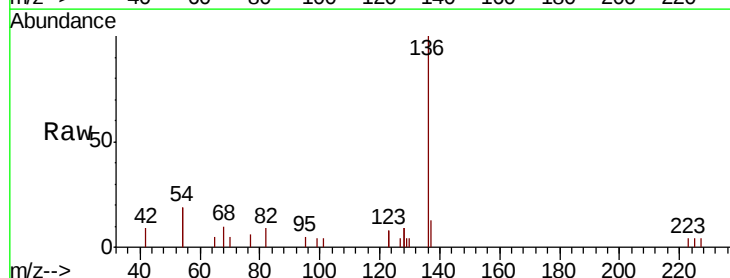
Ion Ratio Lower Upper

136 100

137 12.9 11.8 17.8

54 37.6 27.7 41.5

68 9.6 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

1500

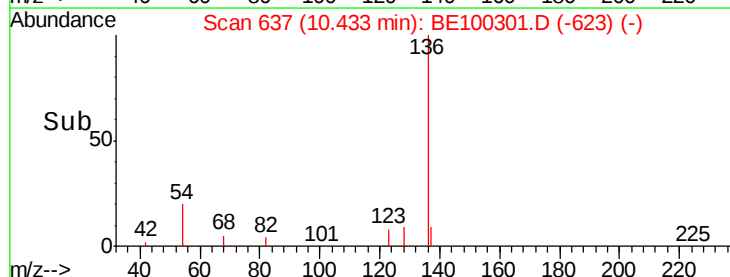
1000

500

0

10.20 10.40 10.60

Time-->





#8

Nitrobenzene-d5

Concen: 0.242 ng

RT: 8.82 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE100301.D

Acq: 2 Jul 2019 14:25

Instrument :

BNA_E

ClientSampleId :

PST-013-B038-062019

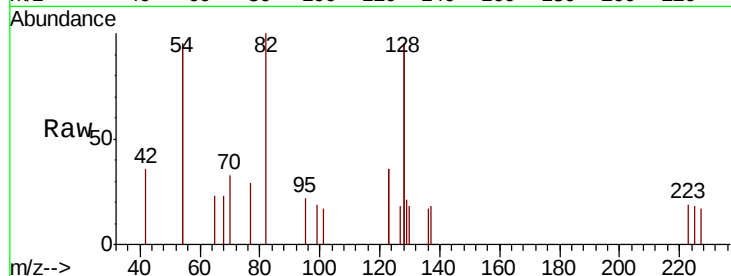
Tgt Ion: 82 Resp: 671

Ion Ratio Lower Upper

82 100

128 189.5 140.9 211.3

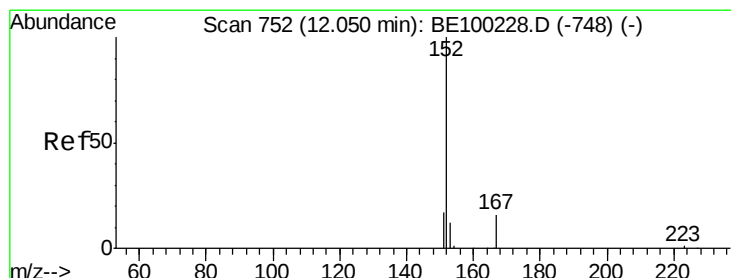
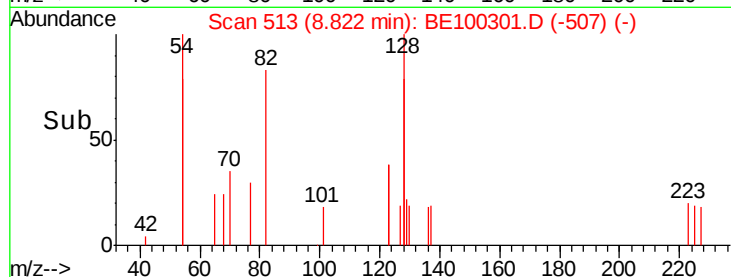
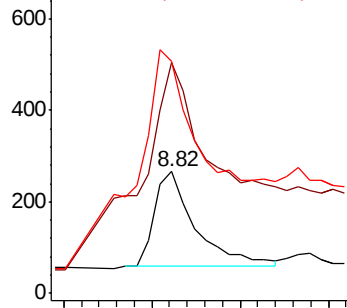
54 190.2 146.2 219.2



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: 0.255 ng

RT: 12.05 min Scan# 753

Delta R.T. 0.00 min

Lab File: BE100301.D

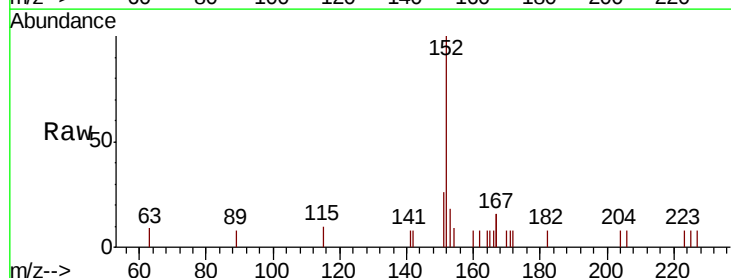
Acq: 2 Jul 2019 14:25

Tgt Ion: 152 Resp: 1338

Ion Ratio Lower Upper

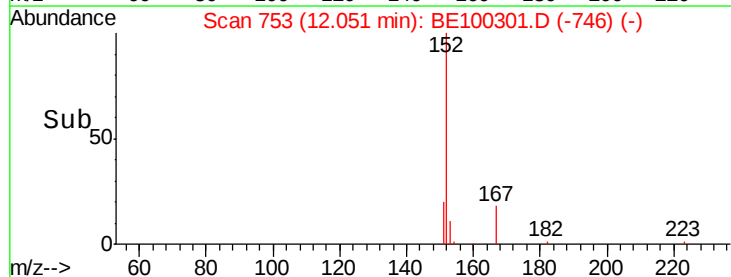
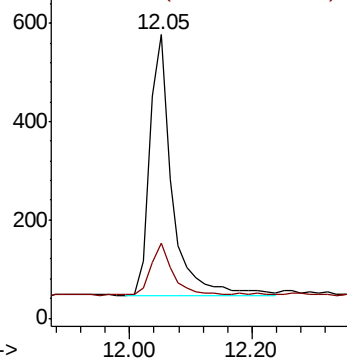
152 100

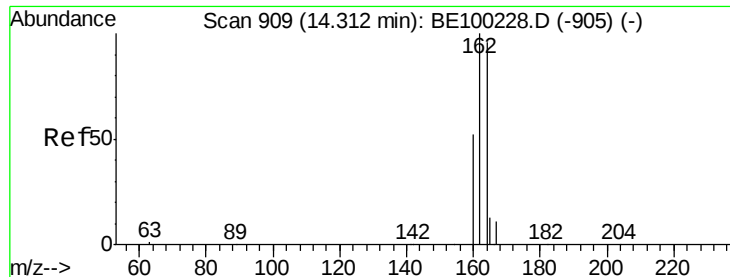
151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

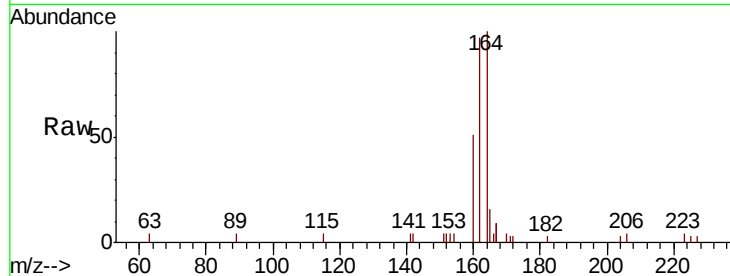




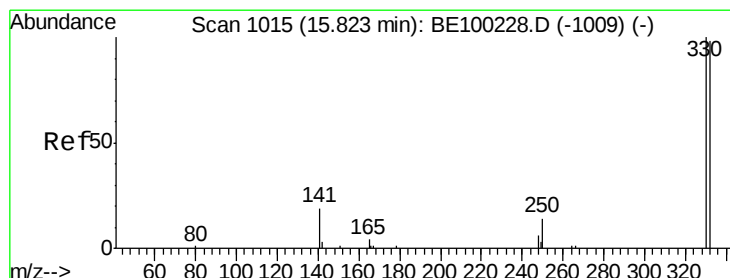
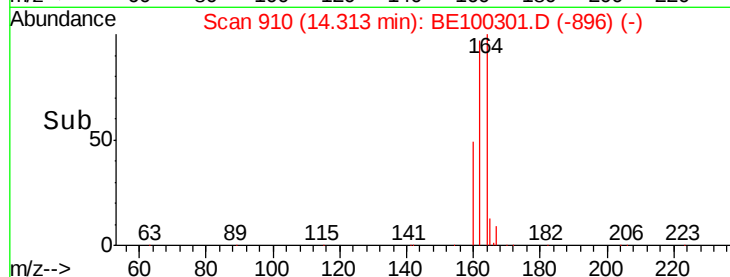
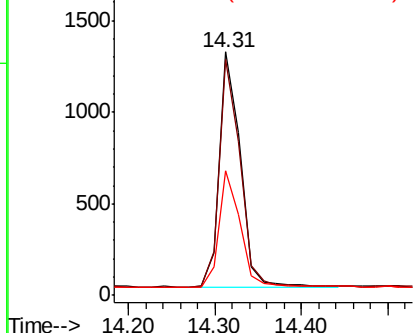
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 910
Delta R.T. 0.00 min
Lab File: BE100301.D
Acq: 2 Jul 2019 14:25

Instrument :
BNA_E
ClientSampleId :
PST-013-B038-062019

Tgt Ion:164 Resp: 2176
Ion Ratio Lower Upper
164 100
162 96.7 83.4 125.0
160 51.0 45.0 67.6

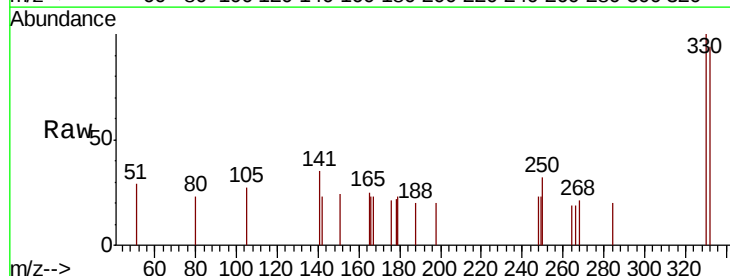


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

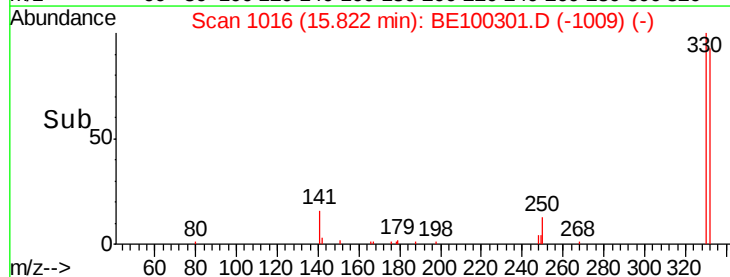
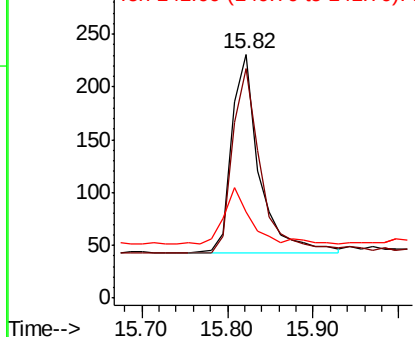


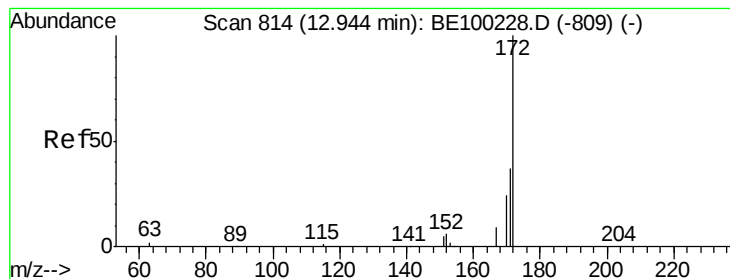
#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.82 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE100301.D
Acq: 2 Jul 2019 14:25

Tgt Ion:330 Resp: 420
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.4
141 28.6 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: 0.234 ng

RT: 12.94 min Scan# 815

Delta R.T. 0.00 min

Lab File: BE100301.D

Acq: 2 Jul 2019 14:25

Instrument :

BNA_E

ClientSampleId :

PST-013-B038-062019

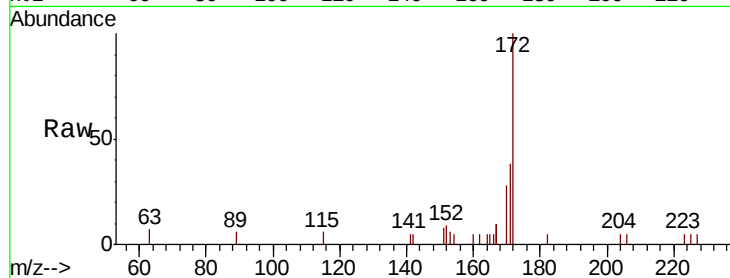
Tgt Ion:172 Resp: 1982

Ion Ratio Lower Upper

172 100

171 38.2 31.9 47.9

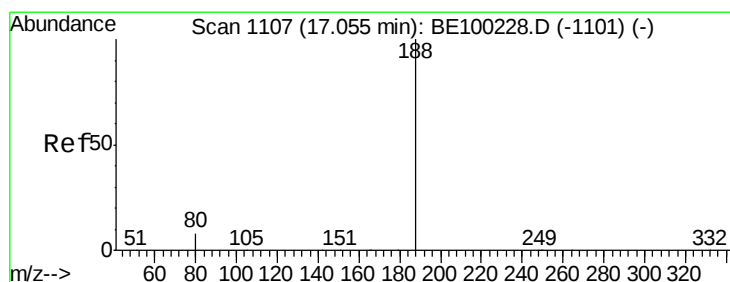
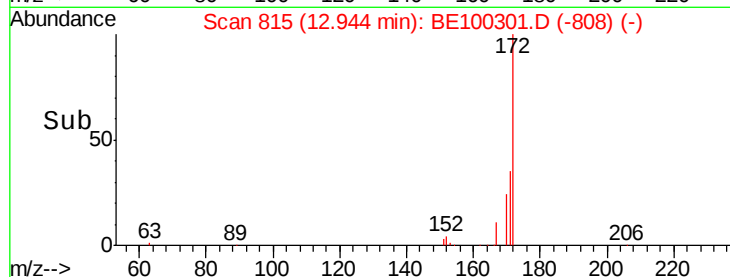
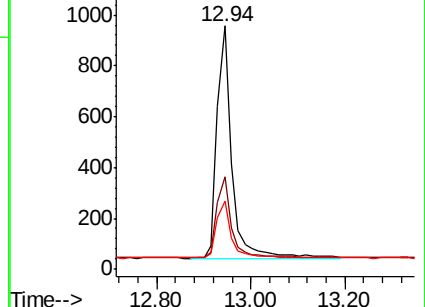
170 28.0 22.2 33.2



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# 1109

Delta R.T. 0.01 min

Lab File: BE100301.D

Acq: 2 Jul 2019 14:25

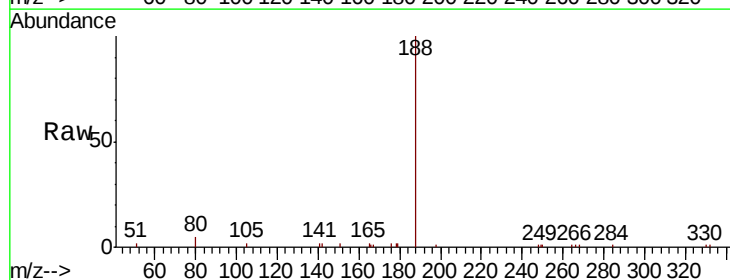
Tgt Ion:188 Resp: 6711

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

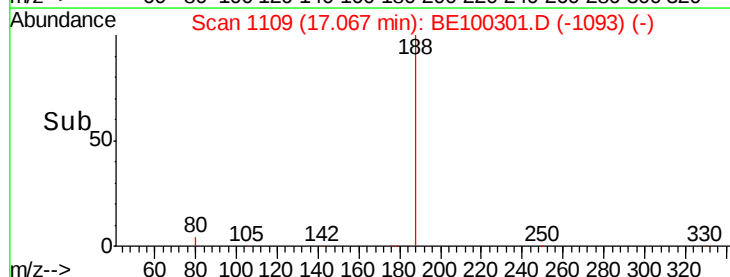
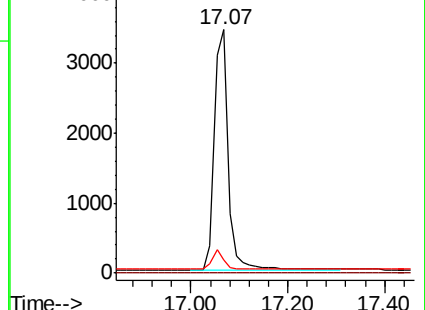
80 5.3 7.6 11.4#

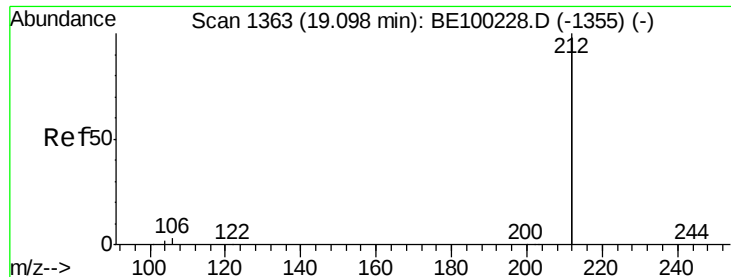


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

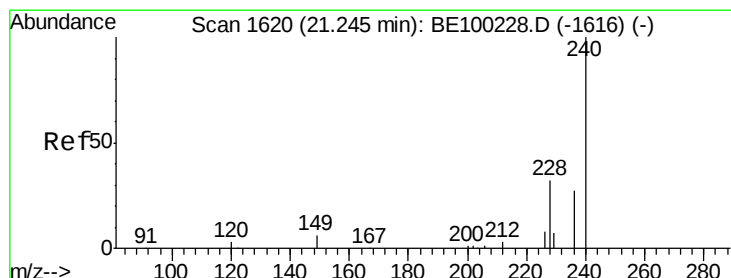
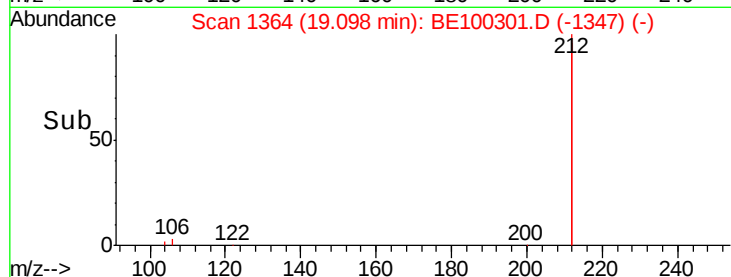
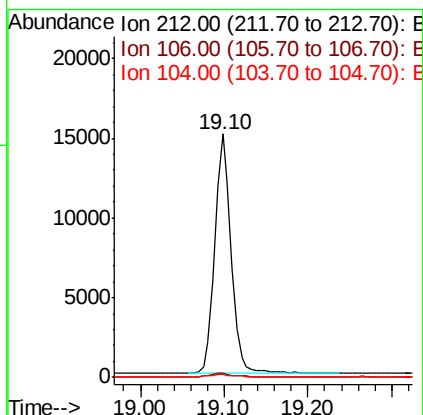
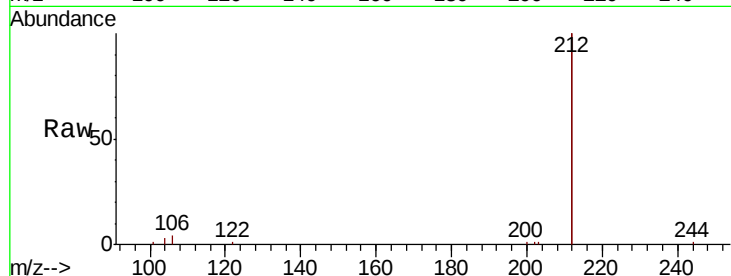




#25
Fluoranthene-d10
Concen: 0.210 ng
RT: 19.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BE100301.D
Acq: 2 Jul 2019 14:25

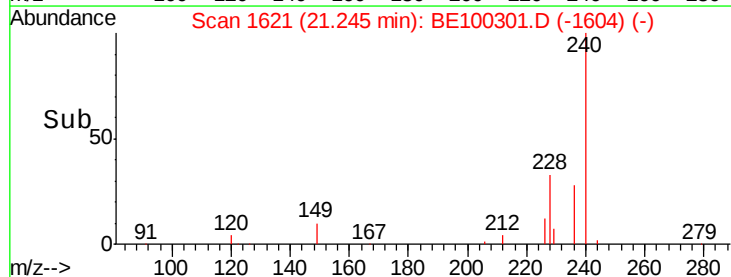
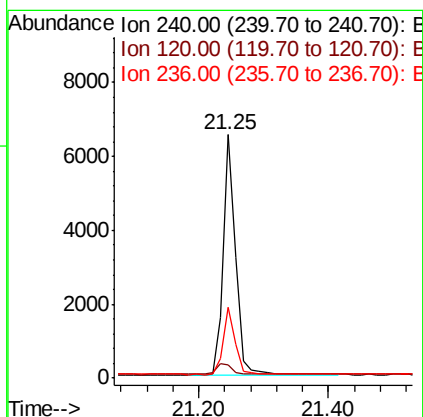
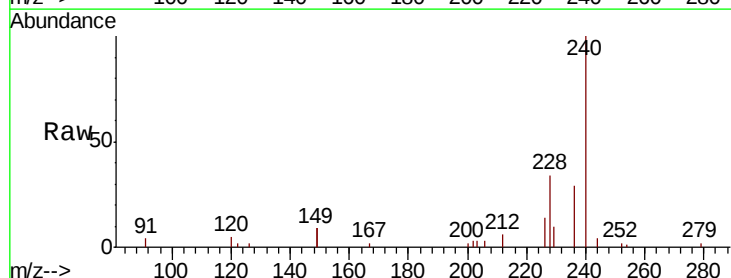
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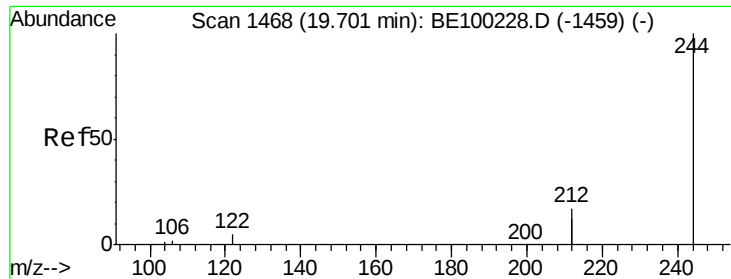
Tgt Ion: 212 Resp: 20479
Ion Ratio Lower Upper
212 100
106 1.7 1.3 1.9
104 1.0 0.8 1.2



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100301.D
Acq: 2 Jul 2019 14:25

Tgt Ion: 240 Resp: 8968
Ion Ratio Lower Upper
240 100
120 5.3 3.3 4.9#
236 28.9 22.6 34.0





#29

Terphenyl-d14

Concen: 0.224 ng

RT: 19.70 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BE100301.D

Acq: 2 Jul 2019 14:25

Instrument :

BNA_E

ClientSampleId :

PST-013-B038-062019

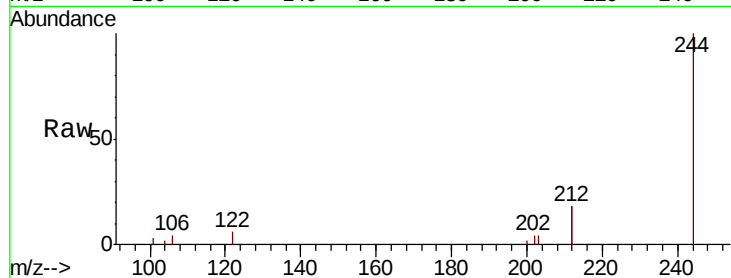
Tgt Ion:244 Resp: 4162

Ion Ratio Lower Upper

244 100

212 36.4 27.3 40.9

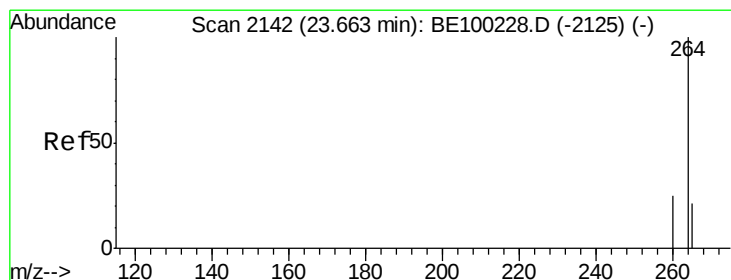
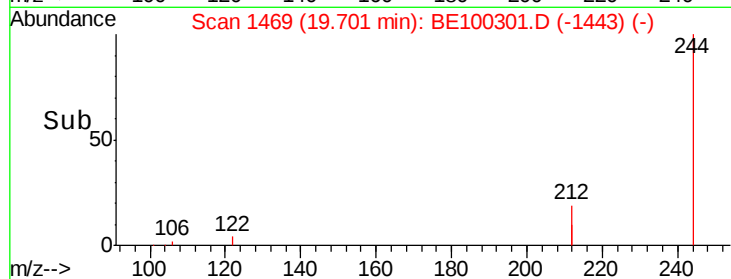
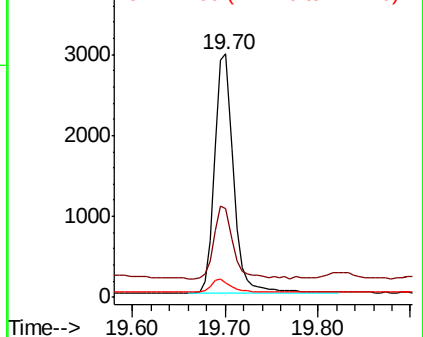
122 6.0 4.7 7.1



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# 2146

Delta R.T. 0.01 min

Lab File: BE100301.D

Acq: 2 Jul 2019 14:25

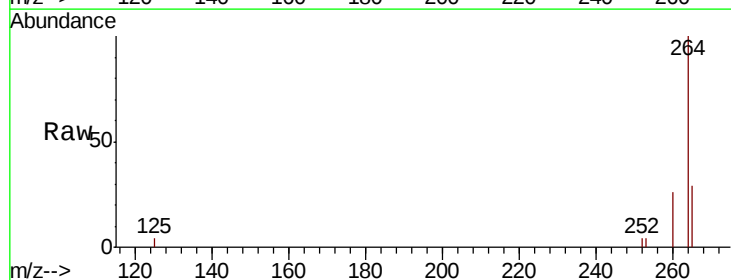
Tgt Ion:264 Resp: 11286

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

265 28.9 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

