

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100223.D
 Acq On : 28 Jun 2019 2:17
 Operator : JU/SJ
 Sample : K3427-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 28 05:39:23 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

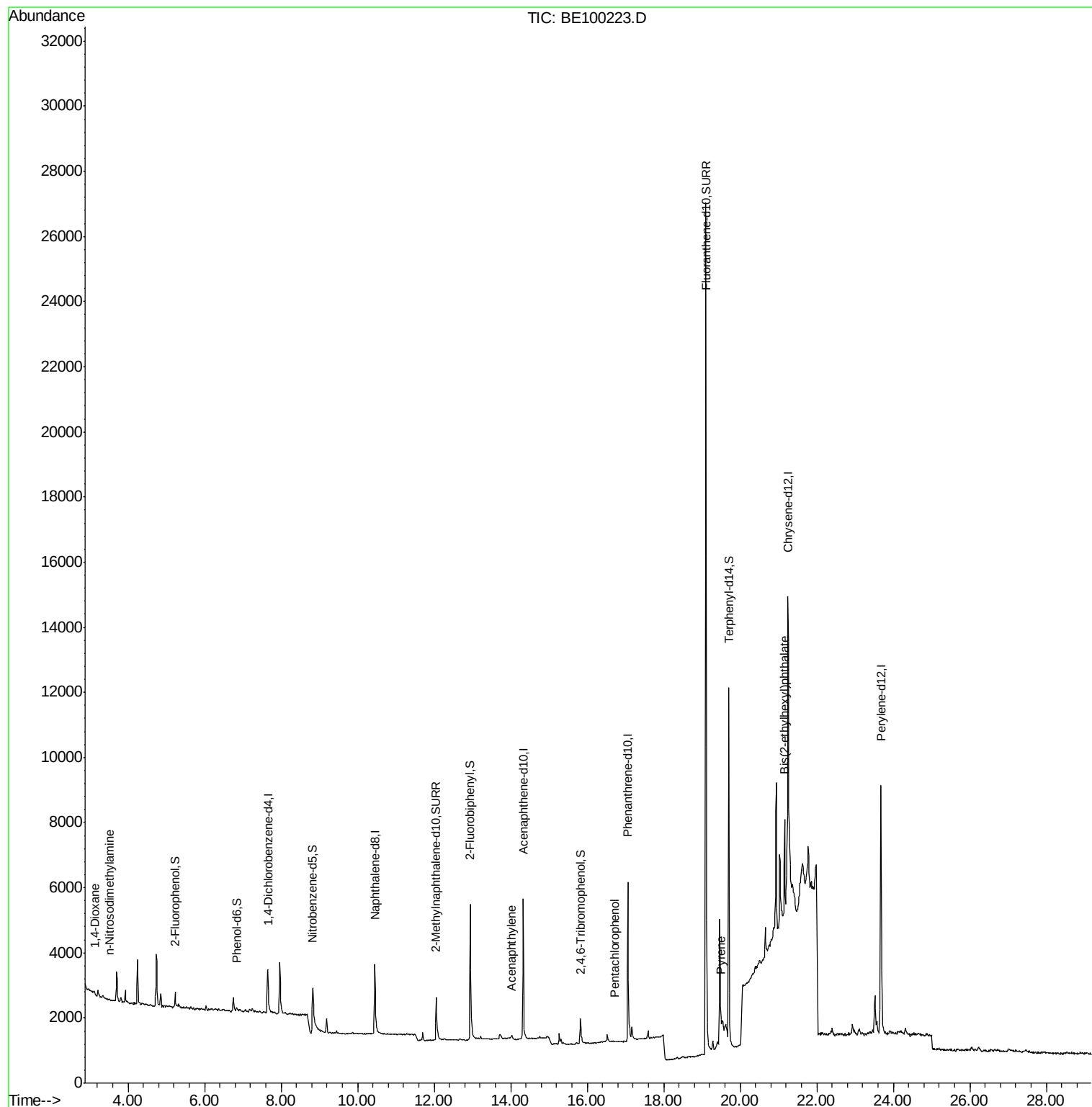
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	963	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	3514	0.40	ng	-0.03
13) Acenaphthene-d10	14.33	164	2743	0.40	ng	-0.01
19) Phenanthrene-d10	17.07	188	7437	0.40	ng	-0.03
27) Chrysene-d12	21.24	240	9658	0.40	ng	-0.04
34) Perylene-d12	23.67	264	11226	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	351	0.16	ng	0.00
5) Phenol-d6	6.85	99	301	0.10	ng	-0.02
8) Nitrobenzene-d5	8.82	82	1355	0.39	ng	-0.03
11) 2-Methylnaphthalene-d10	12.05	152	2413	0.37	ng	-0.03
14) 2,4,6-Tribromophenol	15.82	330	721	0.45	ng	-0.03
15) 2-Fluorobiphenyl	12.94	172	4843	0.44	ng	-0.03
25) Fluoranthene-d10	19.10	212	37891	0.35	ng	-0.03
29) Terphenyl-d14	19.70	244	10326	0.54	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	3.12	88	116	0.077	ng	# 85
3) n-Nitrosodimethylamine	3.51	42	52	0.093	ng	# 1
16) Acenaphthylene	14.02	152	425	0.032	ng	# 85
22) Pentachlorophenol	16.73	266	5	0.274	ng	# 88
28) Pyrene	19.50	202	585	0.024	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.16	149	4085	0.125	ng	# 96

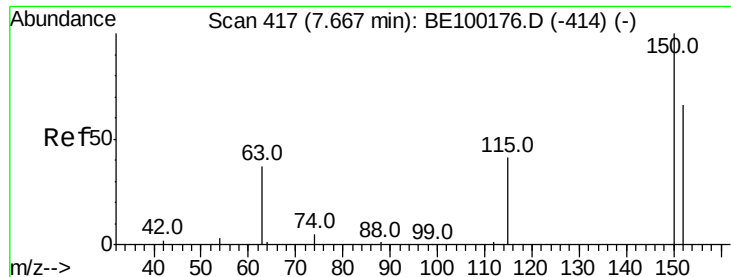
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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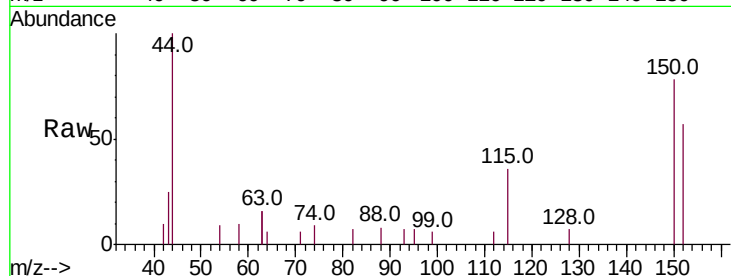


#1

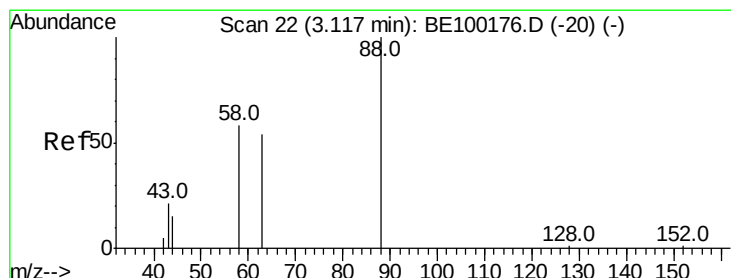
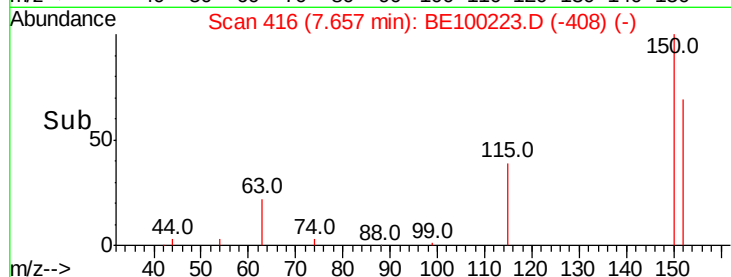
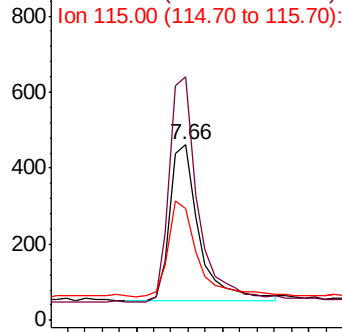
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 963
Ion Ratio Lower Upper
152 100
150 138.5 113.4 170.2
115 63.4 55.8 83.6



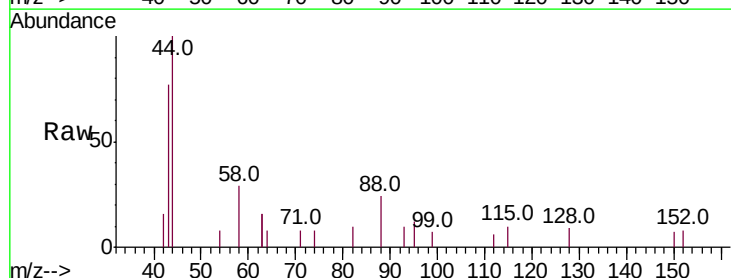
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



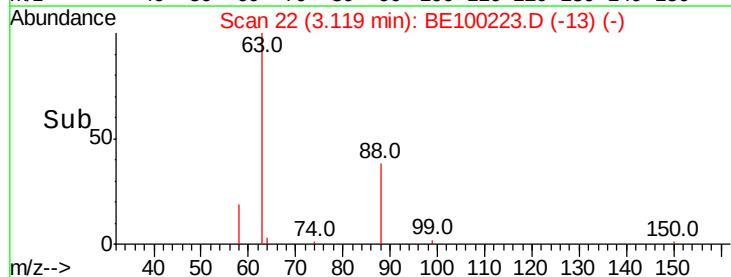
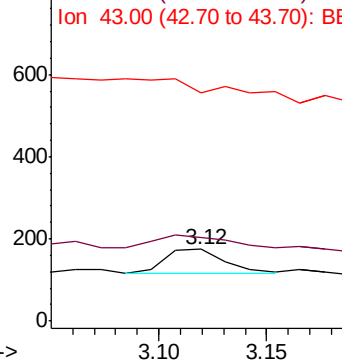
#2

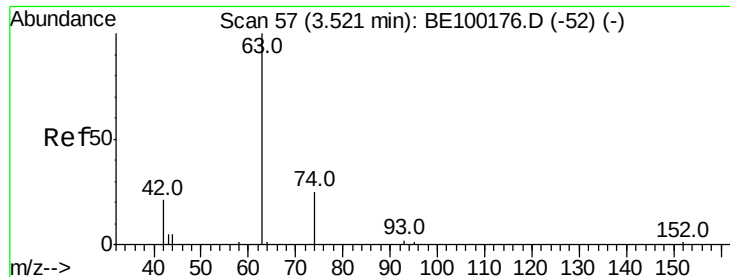
1,4-Dioxane
Concen: 0.077 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

Tgt Ion: 88 Resp: 116
Ion Ratio Lower Upper
88 100
58 54.3 43.8 65.6
43 0.0 19.4 29.2#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.093 ng

RT: 3.51 min Scan# 56

Delta R.T. -0.01 min

Lab File: BE100223.D

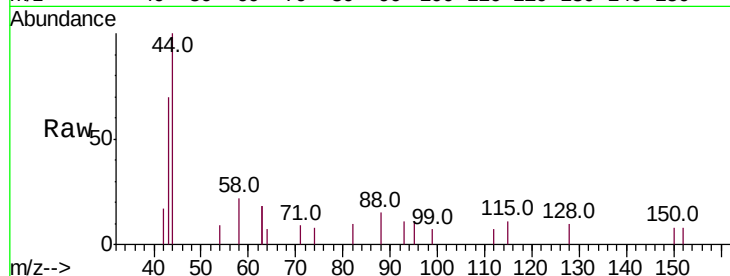
Acq: 28 Jun 2019 2:17

Instrument :

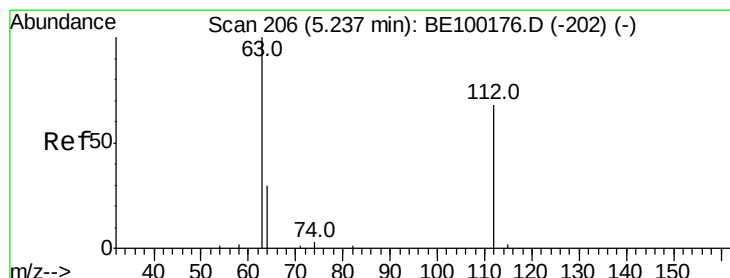
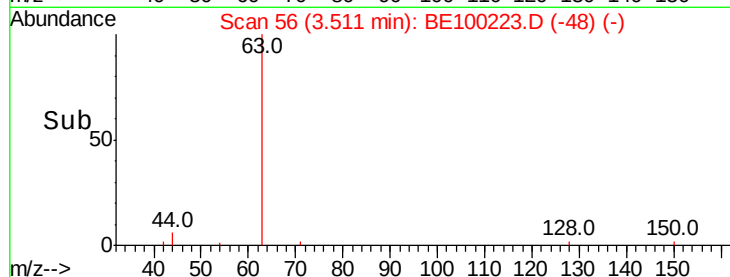
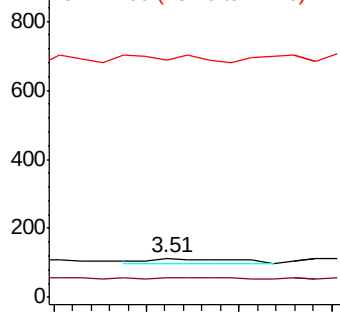
BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	52
Ion	Ratio	Lower	Upper
42	100		
74	28.8	193.2	289.8#
44	0.0	114.5	171.7#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.164 ng

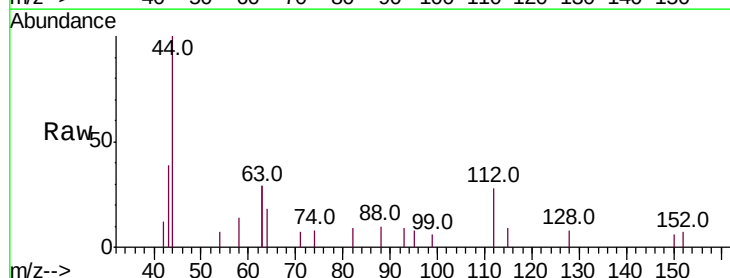
RT: 5.23 min Scan# 205

Delta R.T. -0.01 min

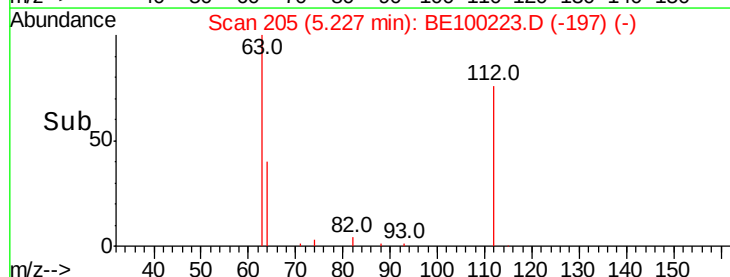
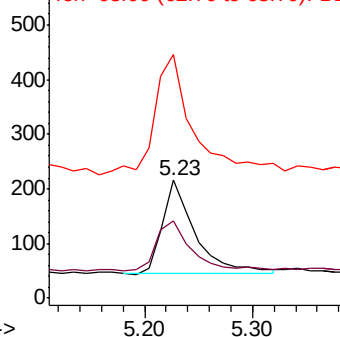
Lab File: BE100223.D

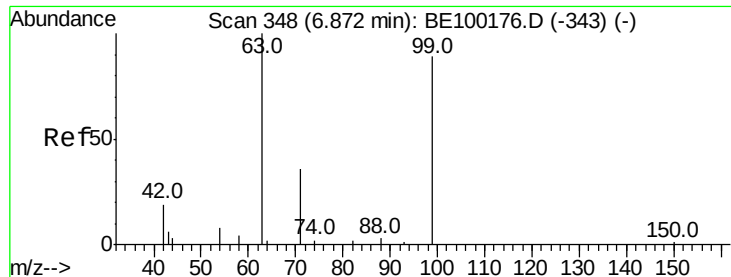
Acq: 28 Jun 2019 2:17

Tgt Ion:	112	Resp:	351
Ion	Ratio	Lower	Upper
112	100		
64	54.7	40.7	61.1
63	159.8	93.2	139.8#



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.102 ng

RT: 6.85 min Scan# 346

Delta R.T. -0.02 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Instrument :

BNA_E

ClientSampled :

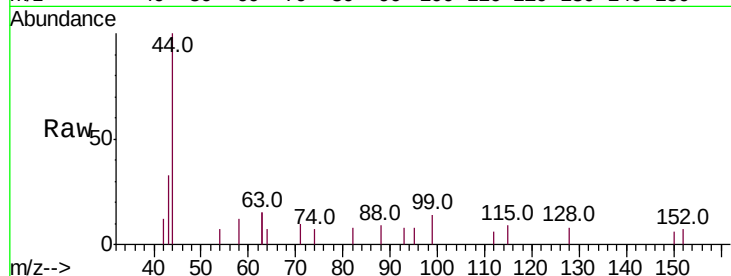
Tot Ion: 99 Resp: 301

Ion Ratio Lower Upper

99 100

42 0.0 10.4 15.6#

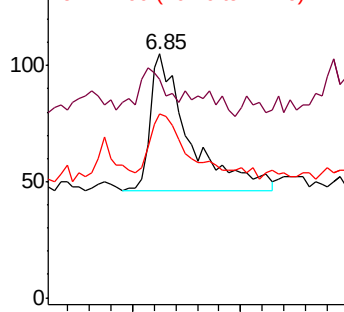
71 34.2 32.4 48.6



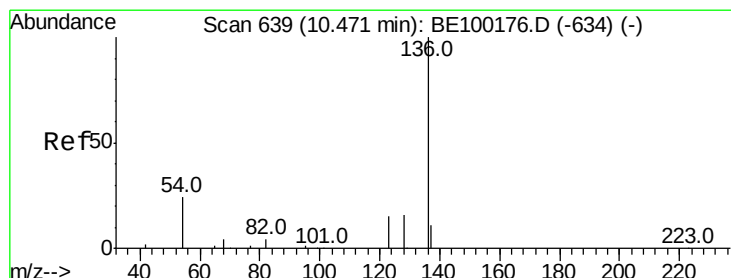
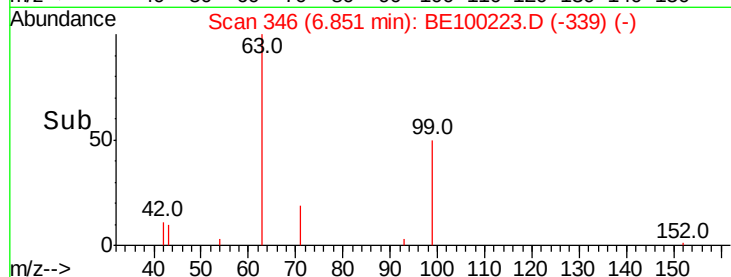
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.03 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Tgt Ion: 136 Resp: 3514

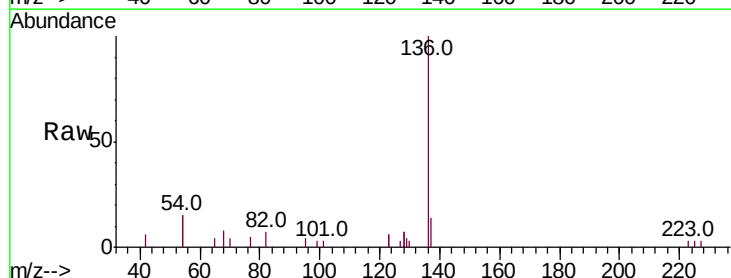
Ion Ratio Lower Upper

136 100

137 13.7 13.8 20.8#

54 30.8 35.4 53.2#

68 7.9 8.8 13.2#

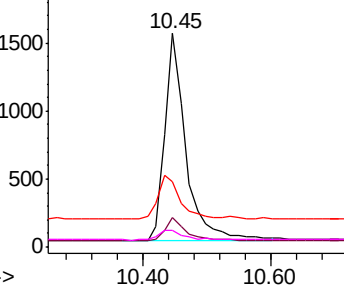


Abundance Ion 136.00 (135.70 to 136.70): BE1

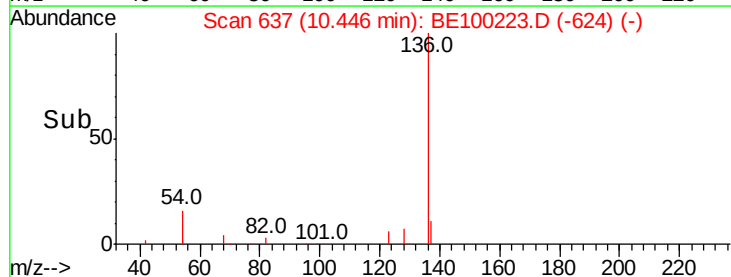
Ion 137.00 (136.70 to 137.70): BE1

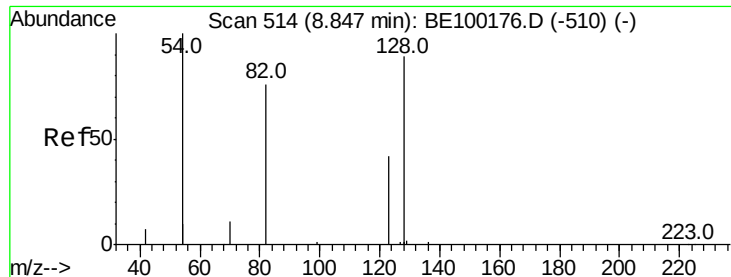
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time-->

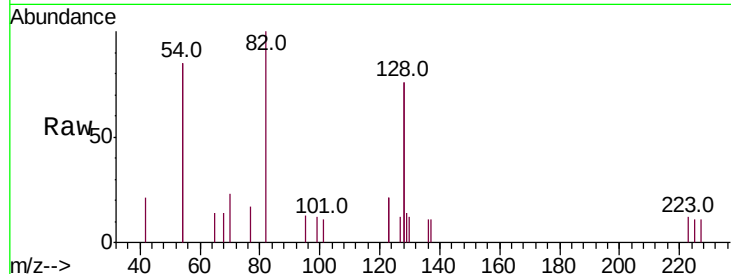




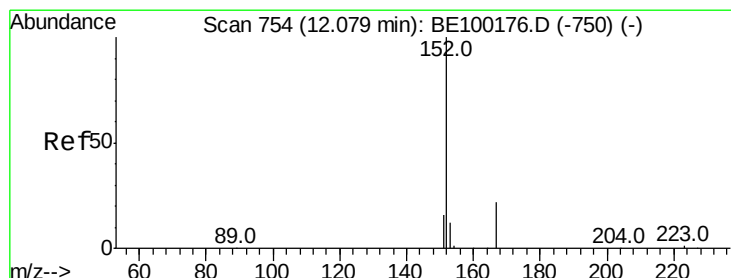
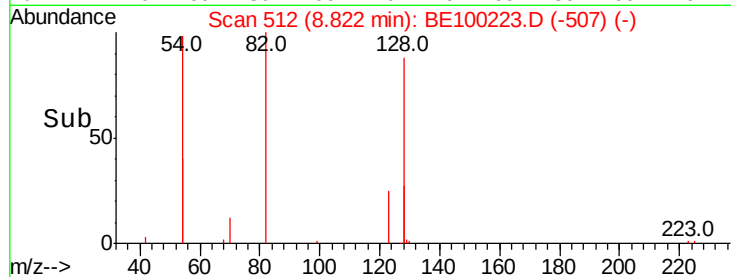
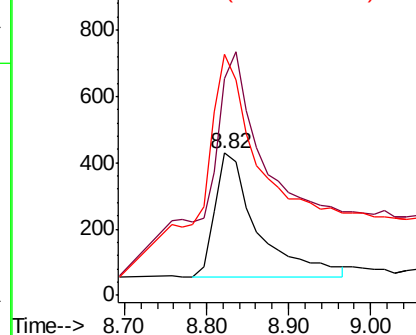
#8
 Nitrobenzene-d5
 Concen: 0.387 ng
 RT: 8.82 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	82	Resp	1355
Ion Ratio	Lower	Upper	
82	100		
128	152.3	144.6	217.0
54	169.6	163.0	244.6

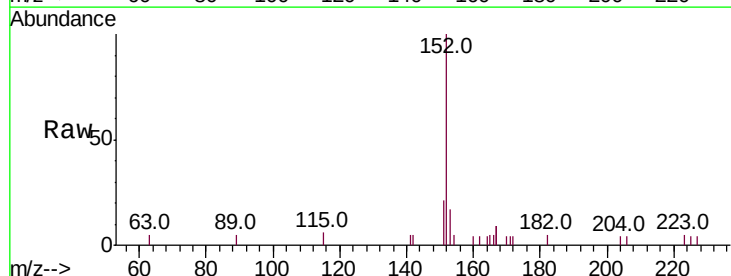


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

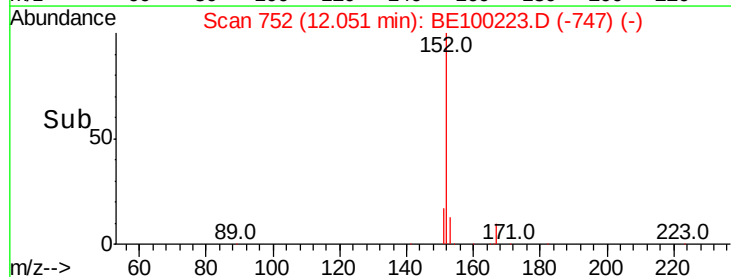
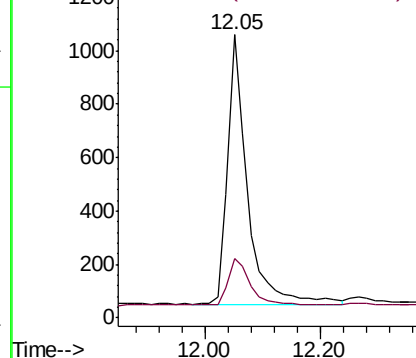


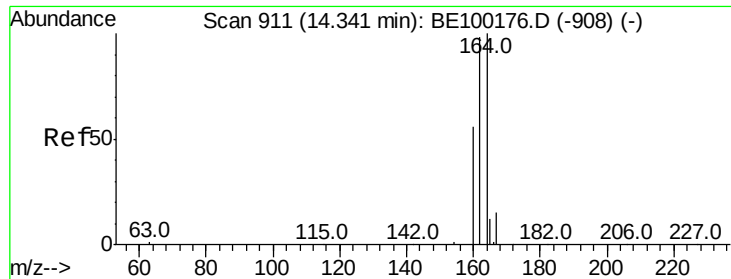
#11
 2-Methylnaphthalene-d10
 Concen: 0.366 ng
 RT: 12.05 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

Tgt Ion	152	Resp	2413
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.3	24.5



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

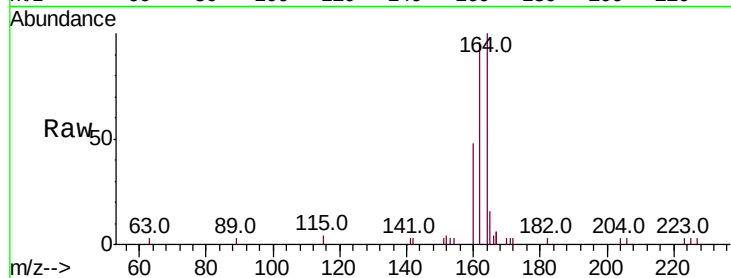




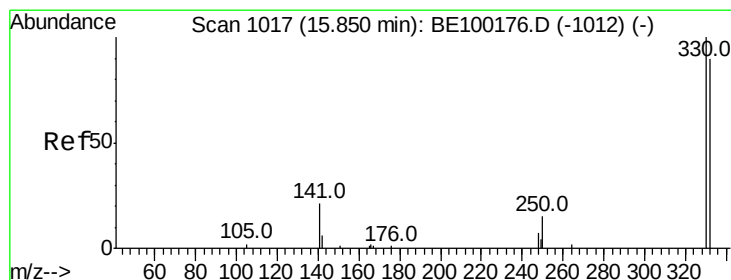
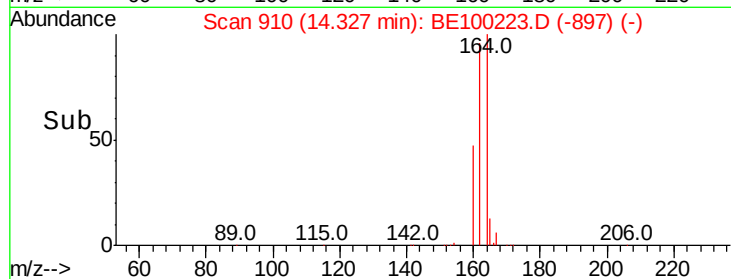
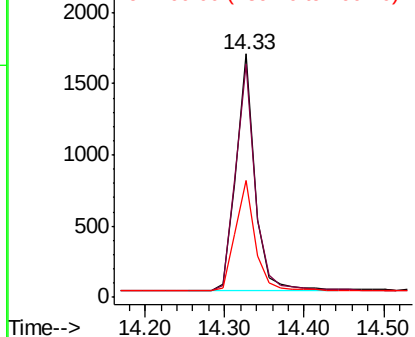
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2743
 Ion Ratio Lower Upper
 164 100
 162 95.9 78.6 118.0
 160 48.2 46.9 70.3

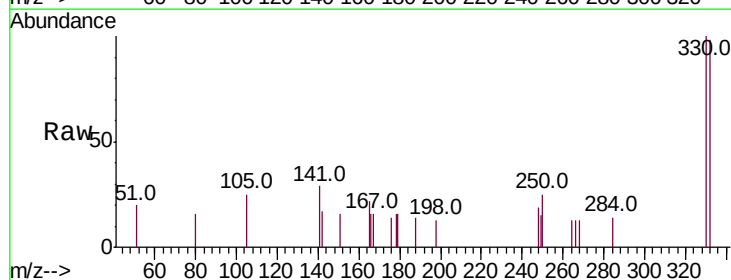


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

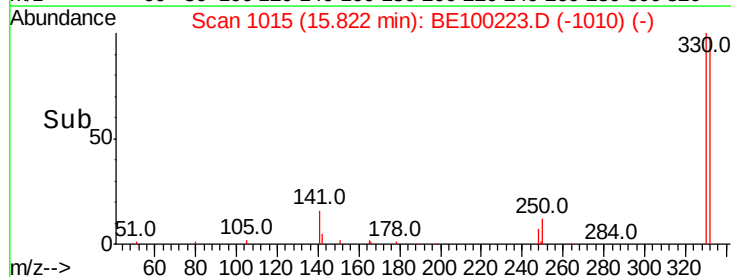
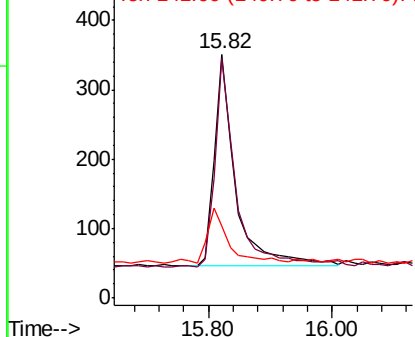


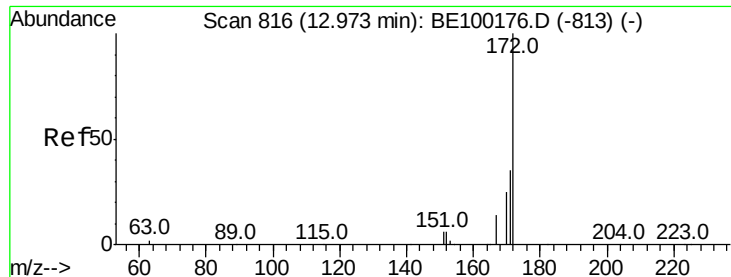
#14
 2,4,6-Tribromophenol
 Concen: 0.454 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.03 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

Tgt Ion:330 Resp: 721
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.7 116.5
 141 22.9 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

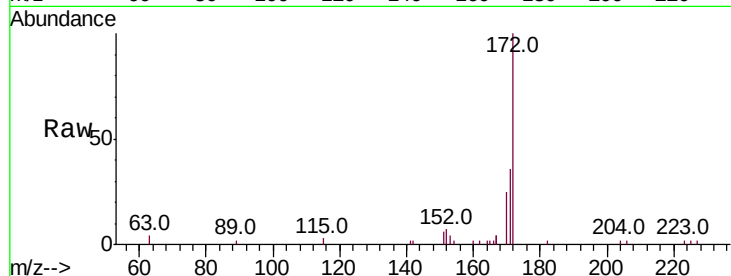




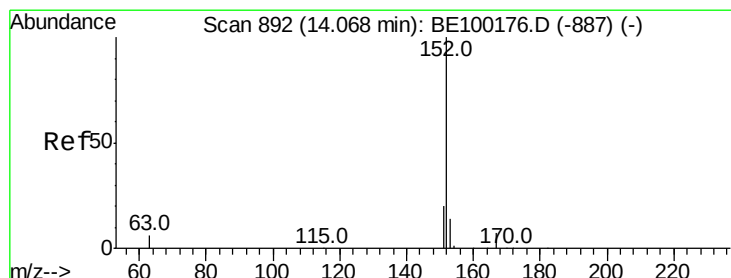
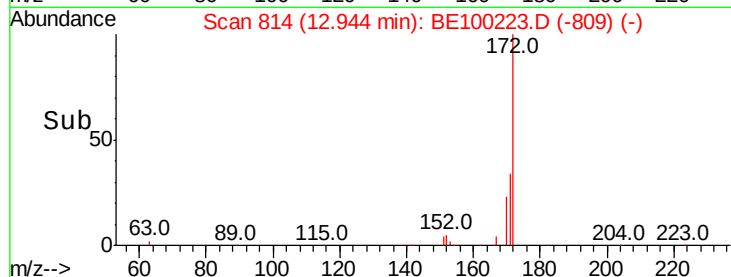
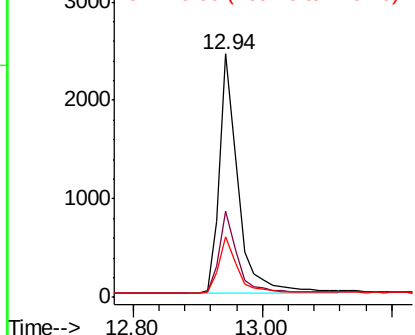
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.03 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4843
Ion Ratio Lower Upper
172 100
171 35.6 31.0 46.4
170 24.9 23.9 35.9

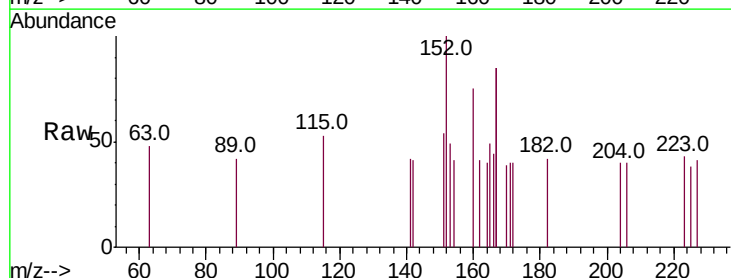


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

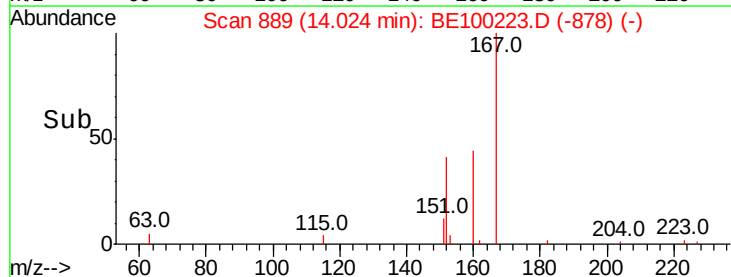
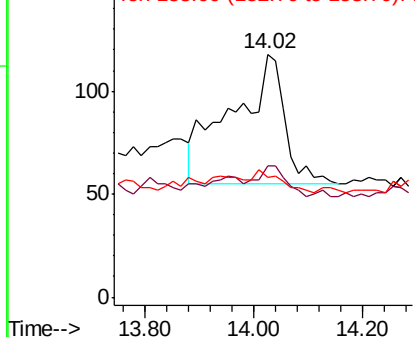


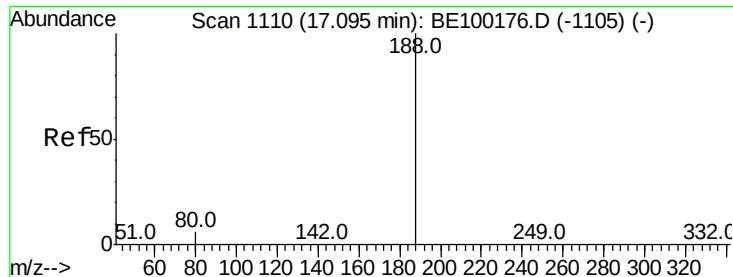
#16
Acenaphthylene
Concen: 0.032 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.04 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

Tgt Ion:152 Resp: 425
Ion Ratio Lower Upper
152 100
151 12.7 15.4 23.0#
153 7.3 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

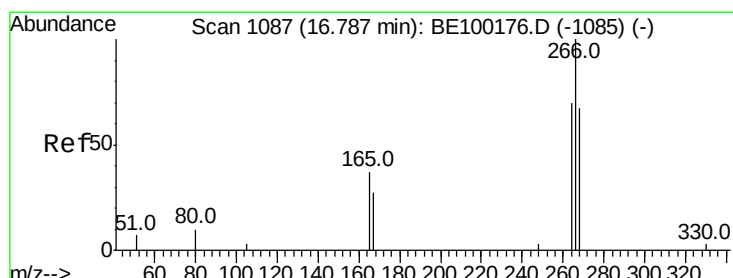
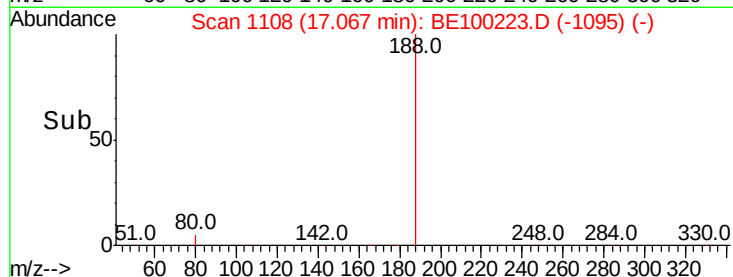
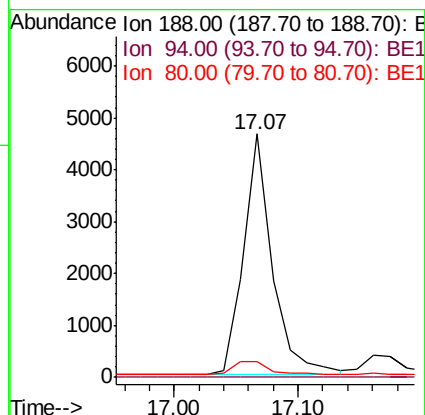
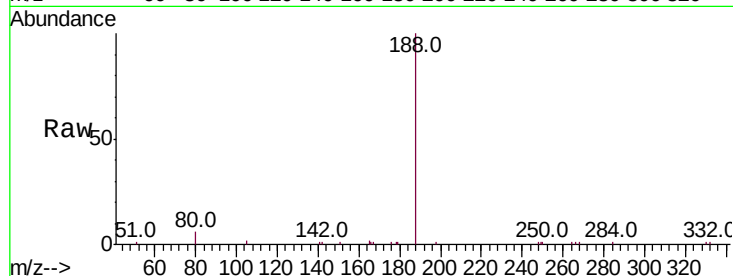




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

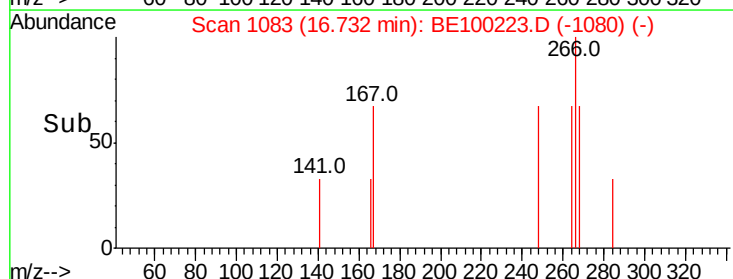
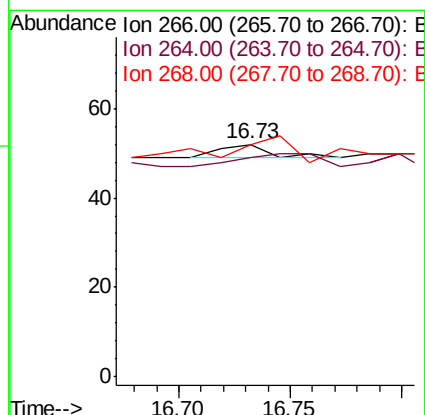
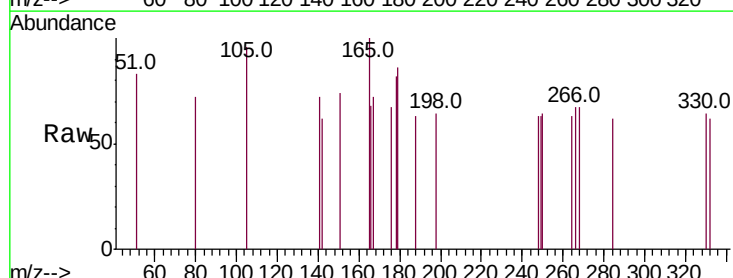
Instrument :
BNA_E
ClientSampleId :

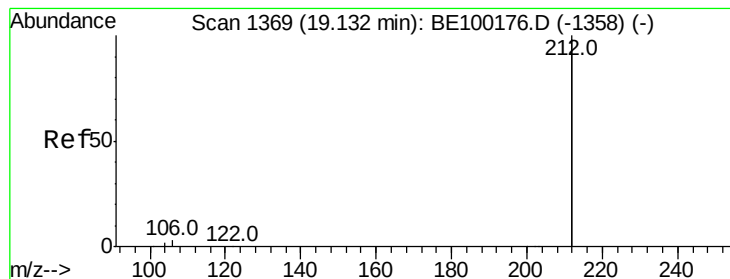
Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.4	9.6



#22
Pentachlorophenol
Concen: 0.274 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.05 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

Tgt Ion	Ratio	Lower	Upper
266	100		
264	94.2	67.7	101.5
268	100.0	69.8	104.6





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.10 min Scan# 1364

Delta R.T. -0.03 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

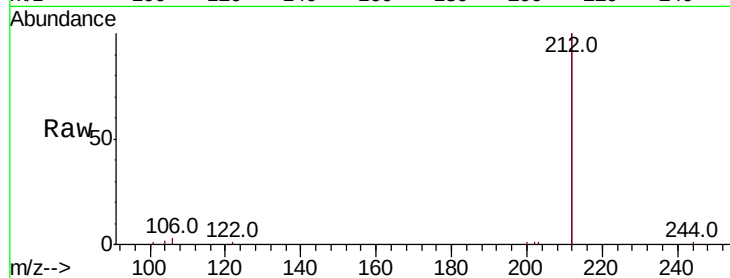
Tot Ion:212 Resp: 37891

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

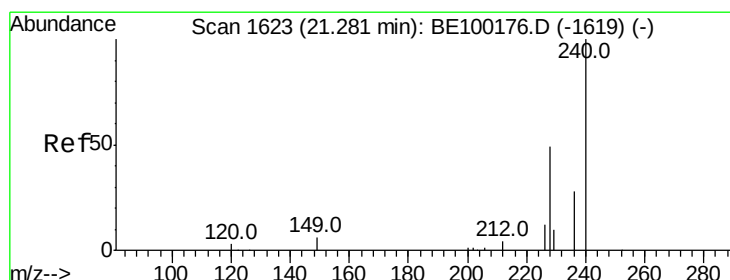
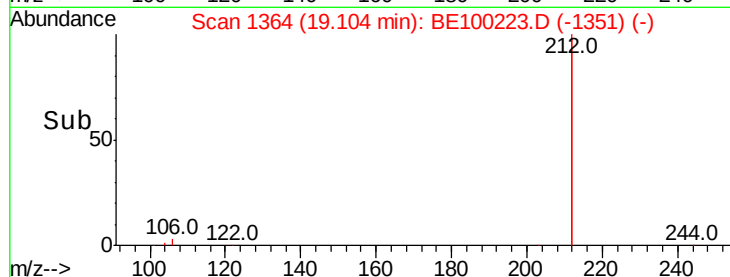
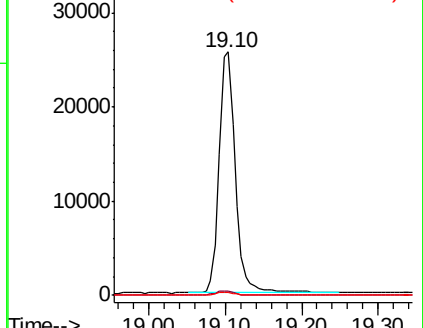
104 0.9 0.7 1.1



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: 21.24 min Scan# 1620

Delta R.T. -0.04 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

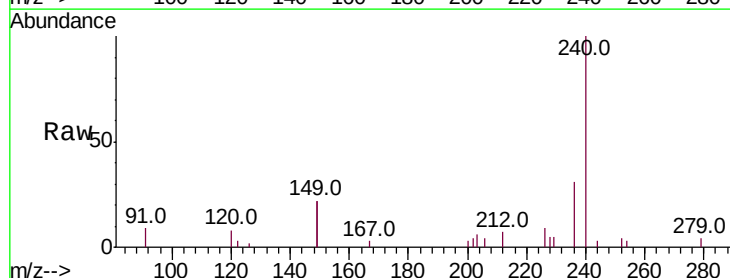
Tgt Ion:240 Resp: 9658

Ion Ratio Lower Upper

240 100

120 8.1 4.1 6.1#

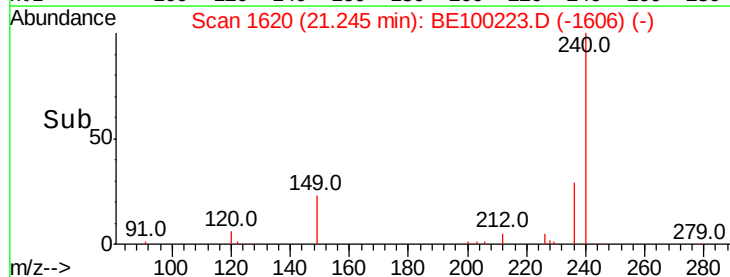
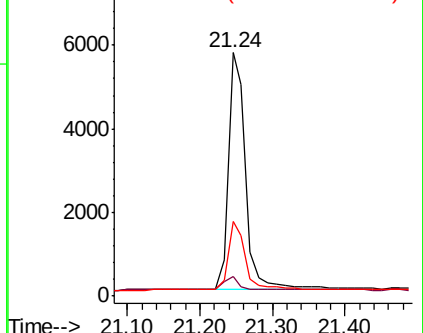
236 30.9 23.0 34.6

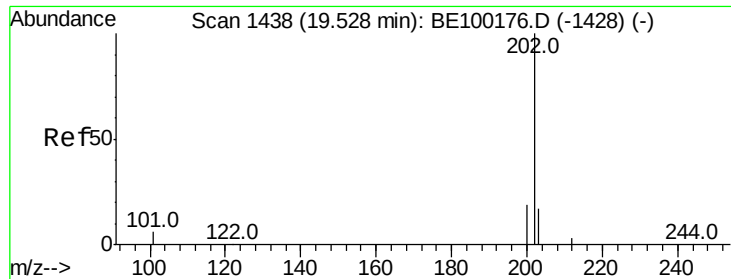


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

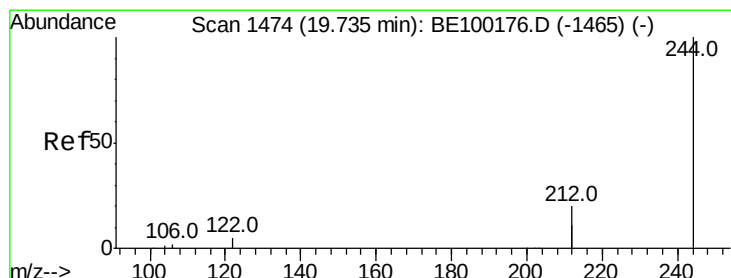
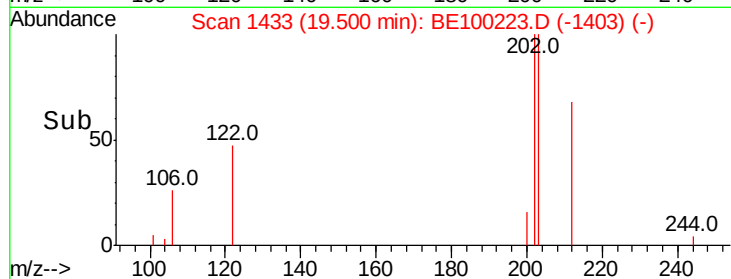
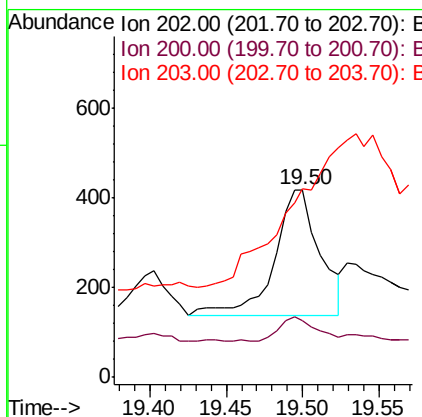
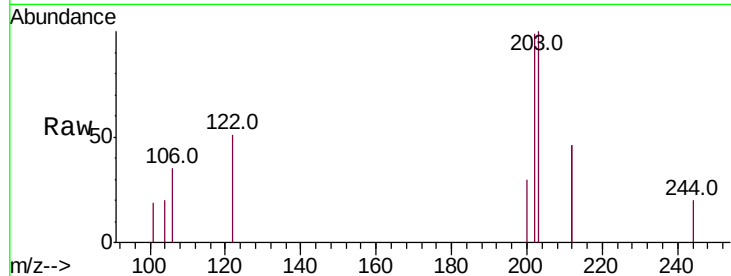




#28
Pvrene
Concen: 0.024 ng
RT: 19.50 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

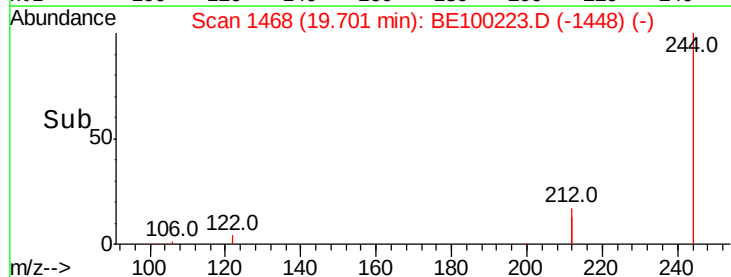
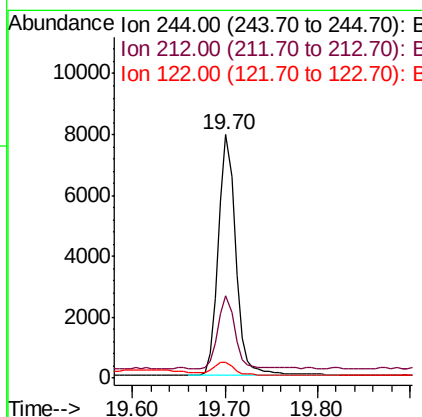
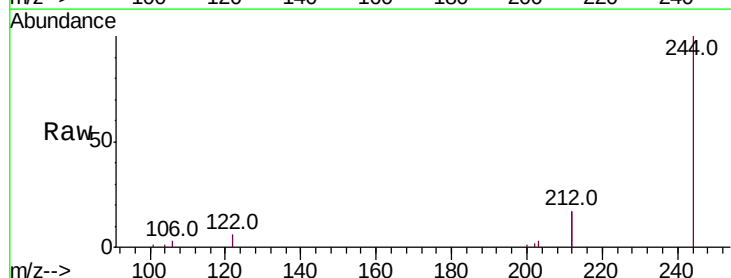
Instrument :
BNA_E
ClientSampleId :

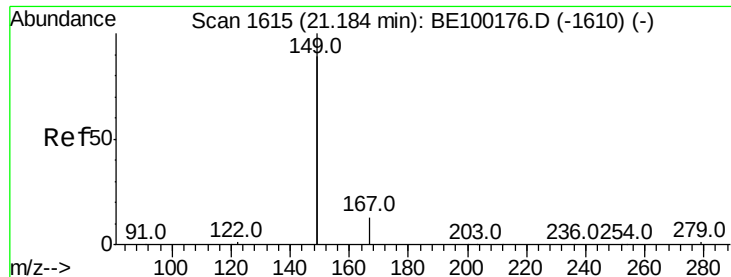
Tot Ion:202 Resp: 585
Ion Ratio Lower Upper
202 100
200 14.9 15.5 23.3#
203 0.0 13.9 20.9#



#29
Terphenyl-d14
Concen: 0.544 ng
RT: 19.70 min Scan# 1468
Delta R.T. -0.03 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

Tgt Ion:244 Resp: 10326
Ion Ratio Lower Upper
244 100
212 33.6 30.7 46.1
122 6.5 5.8 8.6





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.125 ng

RT: 21.16 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

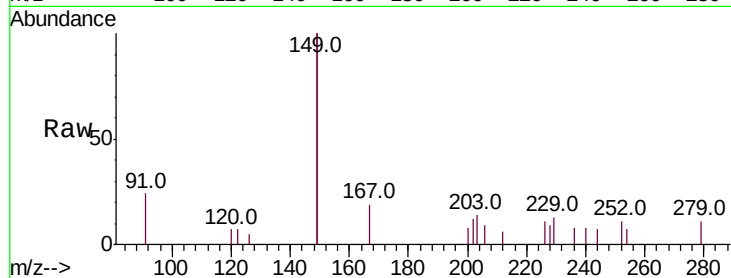
Tot Ion:149 Resp: 4085

Ion Ratio Lower Upper

149 100

167 5.9 5.9 8.9

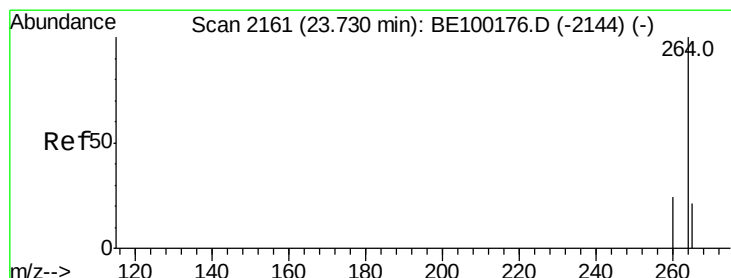
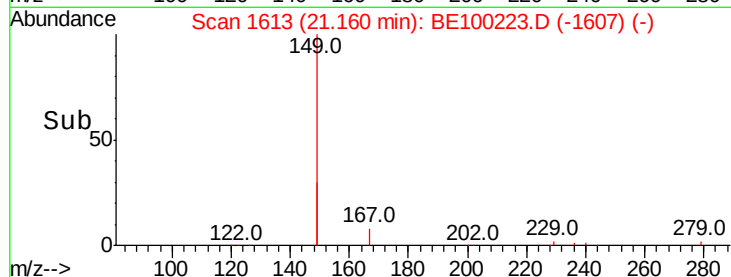
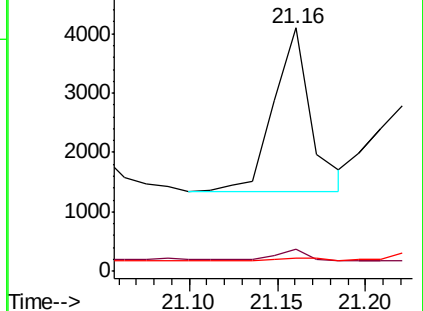
279 2.7 1.0 1.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 2145

Delta R.T. -0.06 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

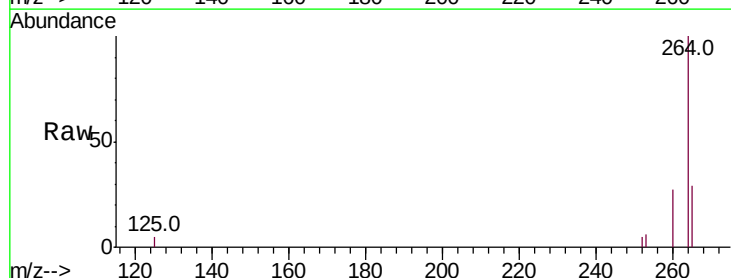
Tgt Ion:264 Resp: 11226

Ion Ratio Lower Upper

264 100

260 27.3 20.4 30.6

265 29.5 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

