

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100199.D
 Acq On : 27 Jun 2019 10:46
 Operator : JU/SJ
 Sample : PB120738BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 27 18:51:48 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

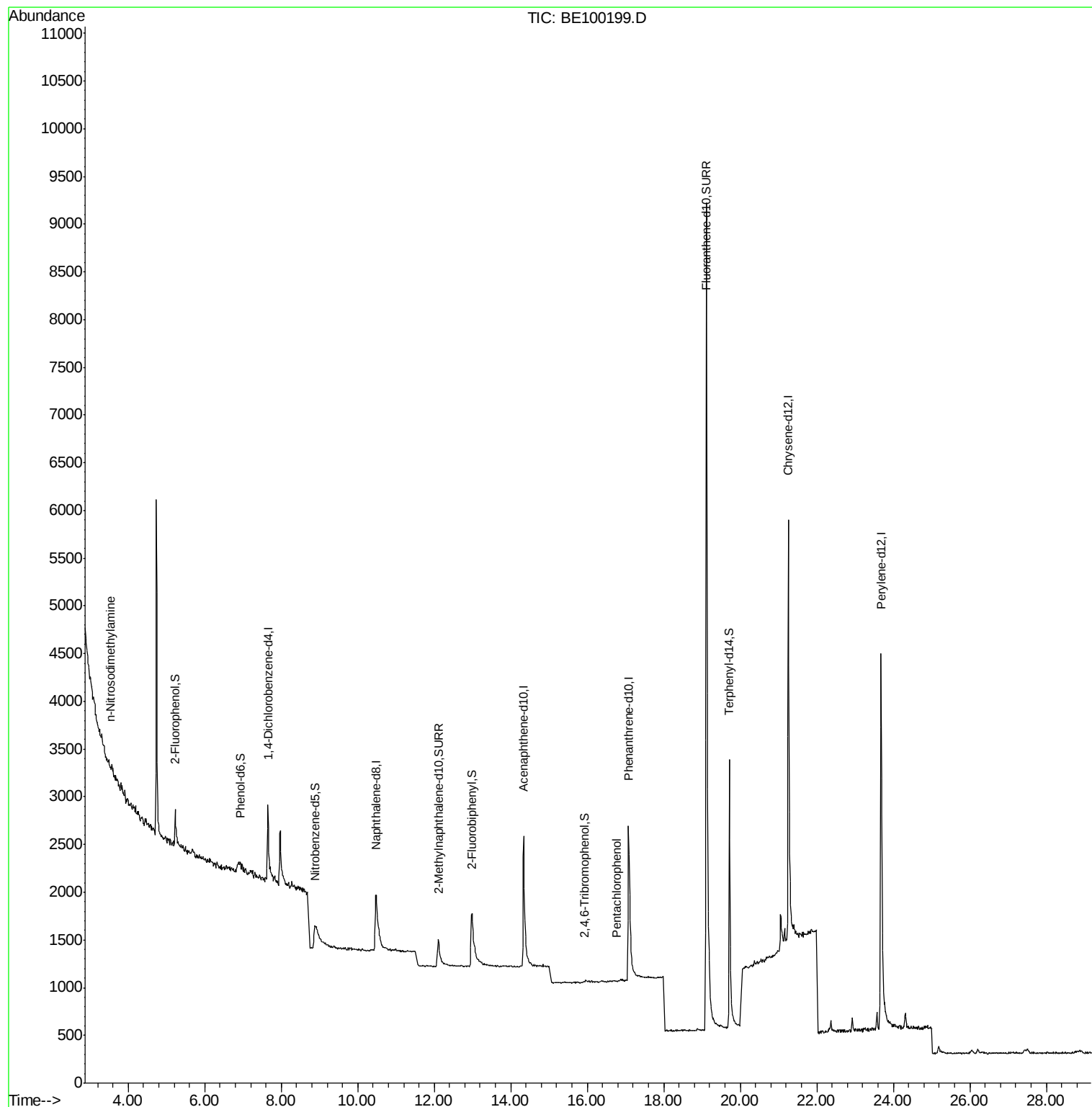
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	659	0.40	ng	-0.01
7) Naphthalene-d8	10.47	136	2076	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	1621	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	5315	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	7330	0.40	ng	-0.02
34) Perylene-d12	23.68	264	8031	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	459	0.31	ng	0.00
5) Phenol-d6	6.94	99	436	0.22	ng	0.07
8) Nitrobenzene-d5	8.89	82	398	0.19	ng	0.04
11) 2-Methylnaphthalene-d10	12.11	152	1108	0.28	ng	0.03
14) 2,4,6-Tribromophenol	15.93	330	39	0.04	ng	0.08
15) 2-Fluorobiphenyl	12.99	172	1836	0.28	ng	0.01
25) Fluoranthene-d10	19.12	212	21523	0.28	ng	-0.02
29) Terphenyl-d14	19.71	244	4664	0.32	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.54	42	15	0.039	ng	Qvalue # 1
22) Pentachlorophenol	16.77	266	5	0.275	ng	85

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

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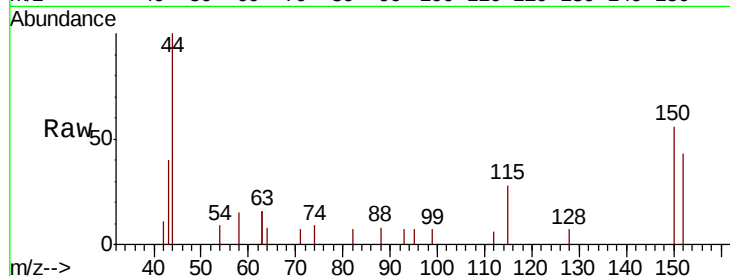


#1

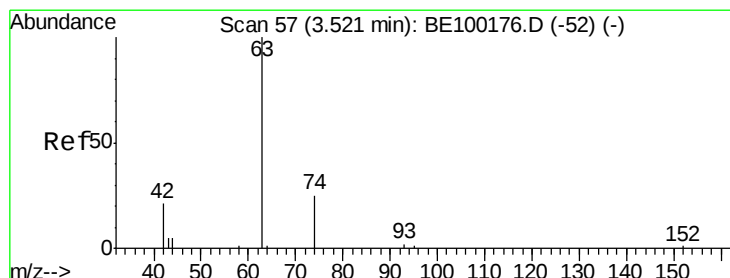
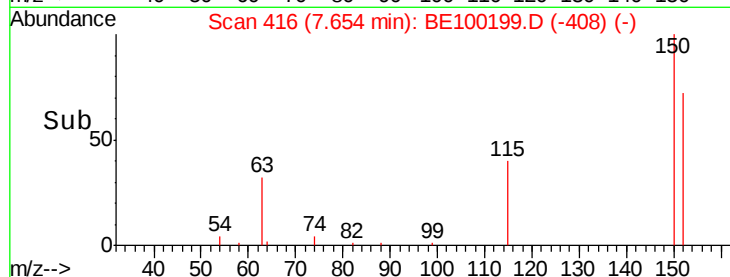
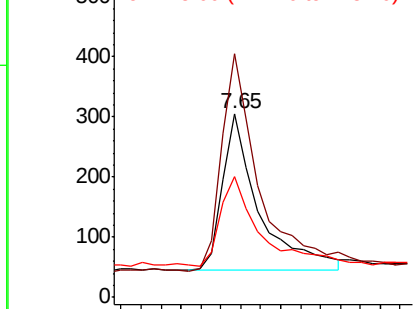
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. -0.01 min
Lab File: BE100199.D
Acq: 27 Jun 2019 10:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 659
Ion Ratio Lower Upper
152 100
150 132.4 113.4 170.2
115 65.7 55.8 83.6



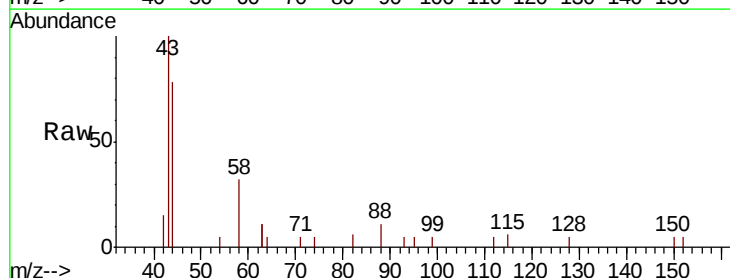
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



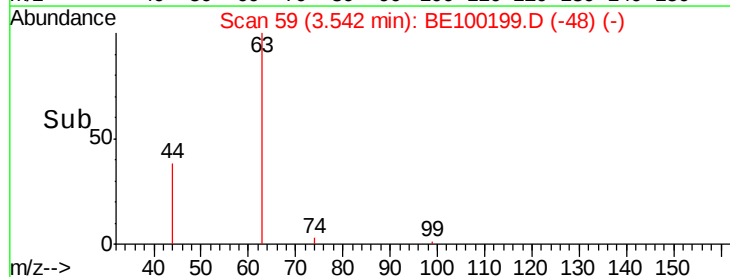
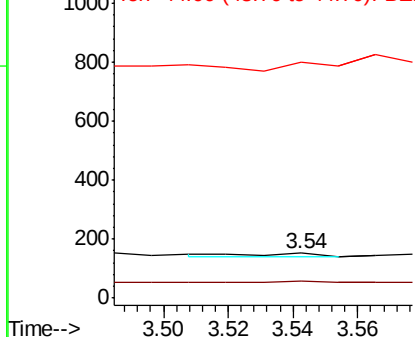
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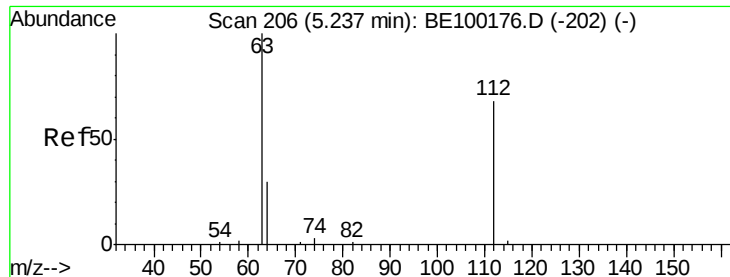
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.54 min Scan# 59
Delta R.T. 0.02 min
Lab File: BE100199.D
Acq: 27 Jun 2019 10:46

Tgt Ion: 42 Resp: 15
Ion Ratio Lower Upper
42 100
74 26.7 193.2 289.8#
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: 0.313 ng

RT: 5.24 min Scan# 206

Delta R.T. -0.00 min

Lab File: BE100199.D

Acq: 27 Jun 2019 10:46

Instrument :

BNA_E

ClientSampled :

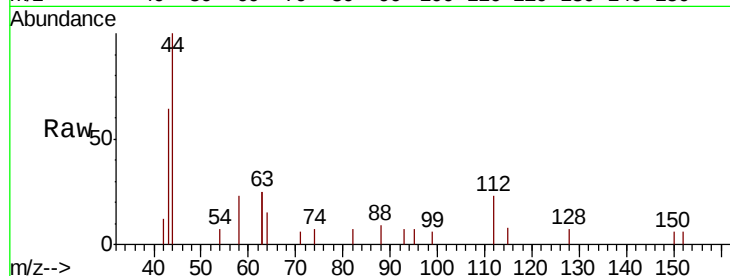
Tot Ion:112 Resp: 459

Ion Ratio Lower Upper

112 100

64 49.9 40.7 61.1

63 122.2 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

500

400

300

200

100

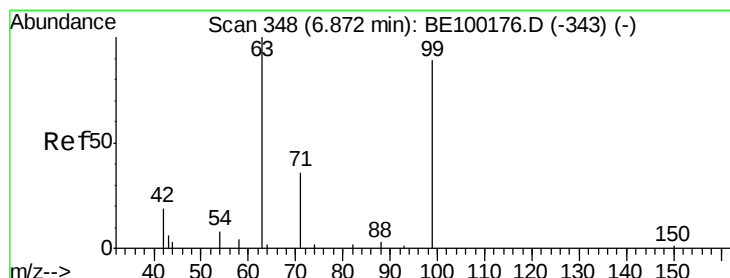
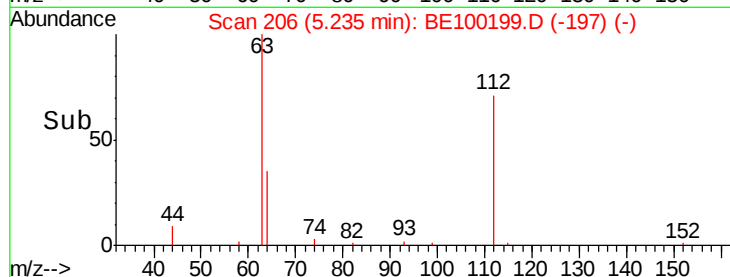
0

5.20

5.24

5.40

Time-->



#5

Phenol-d6

Concen: 0.216 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.07 min

Lab File: BE100199.D

Acq: 27 Jun 2019 10:46

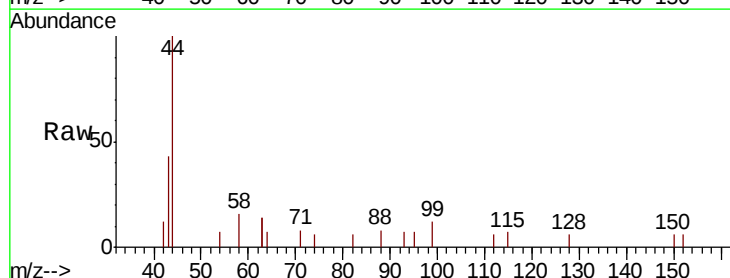
Tgt Ion: 99 Resp: 436

Ion Ratio Lower Upper

99 100

42 0.0 10.4 15.6#

71 0.0 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

100

6.94

50

0

6.70

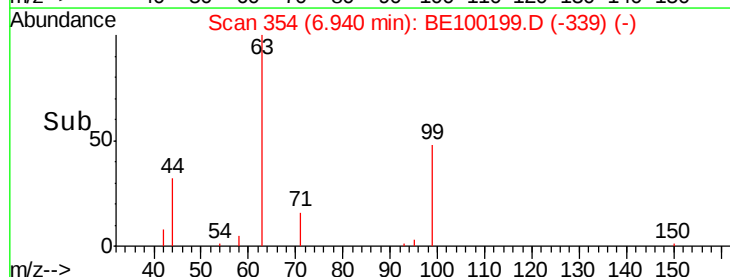
6.80

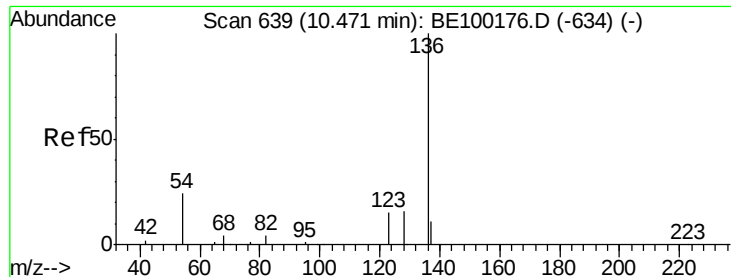
6.90

7.00

7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE100199.D

Acq: 27 Jun 2019 10:46

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2076

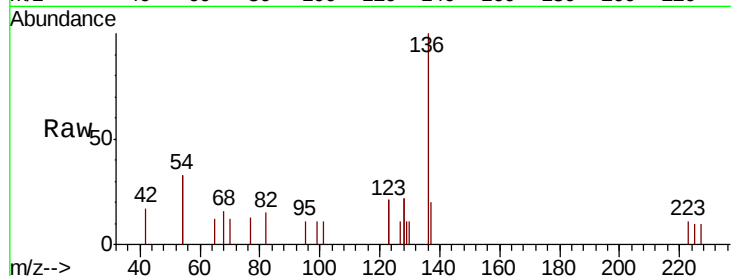
Ion Ratio Lower Upper

136 100

137 19.6 13.8 20.8

54 66.7 35.4 53.2#

68 16.2 8.8 13.2#

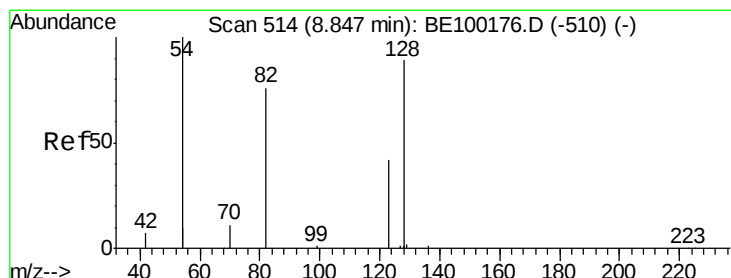
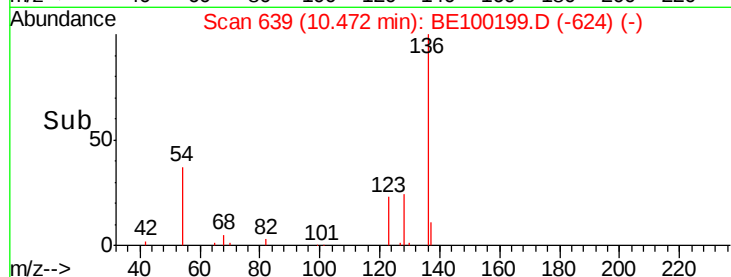
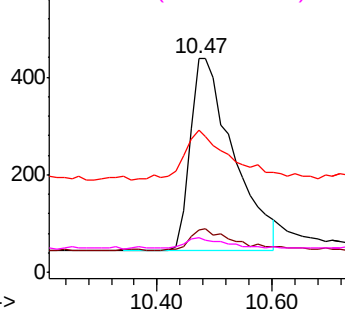


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.193 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.04 min

Lab File: BE100199.D

Acq: 27 Jun 2019 10:46

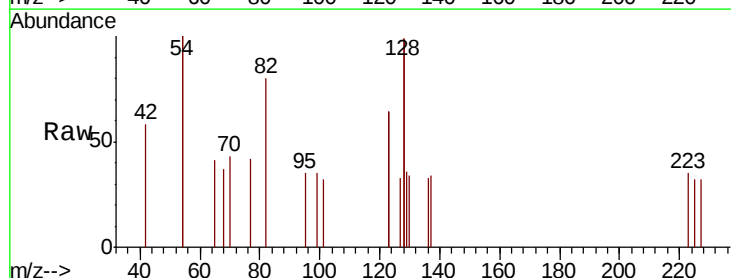
Tgt Ion: 82 Resp: 398

Ion Ratio Lower Upper

82 100

128 249.1 144.6 217.0#

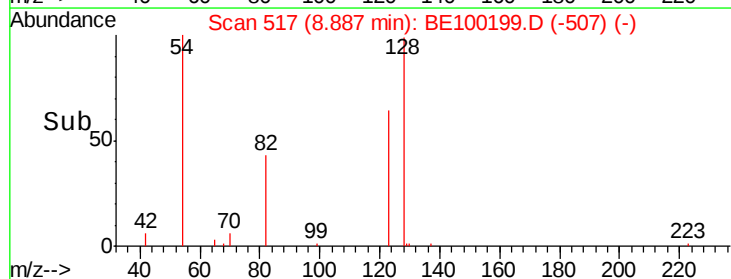
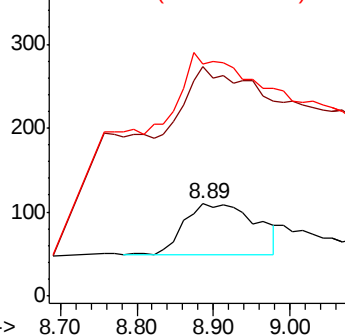
54 250.9 163.0 244.6#

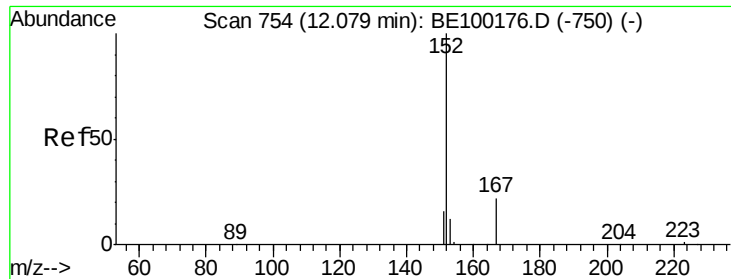


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

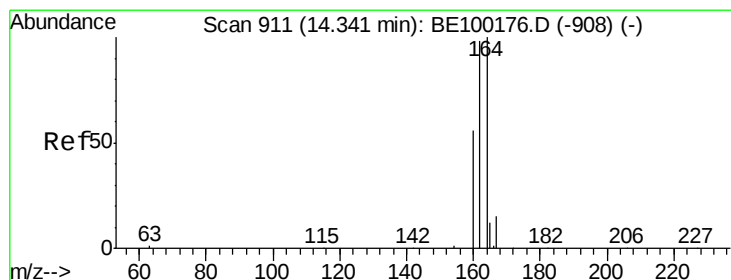
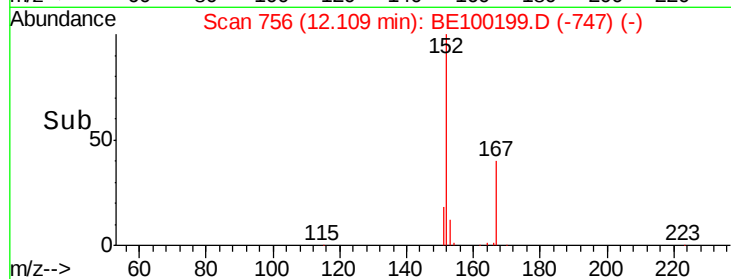
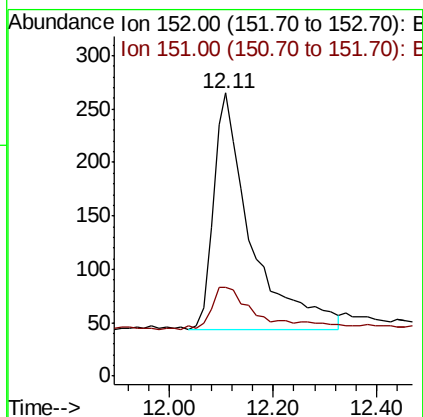
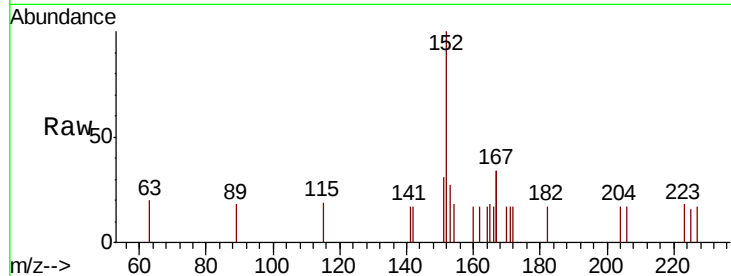




#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 12.11 min Scan# 756
Delta R.T. 0.03 min
Lab File: BE100199.D
Acq: 27 Jun 2019 10:46

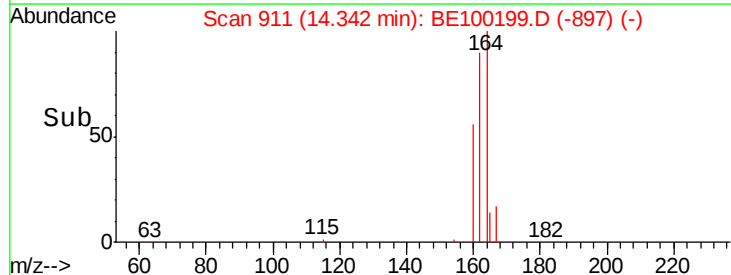
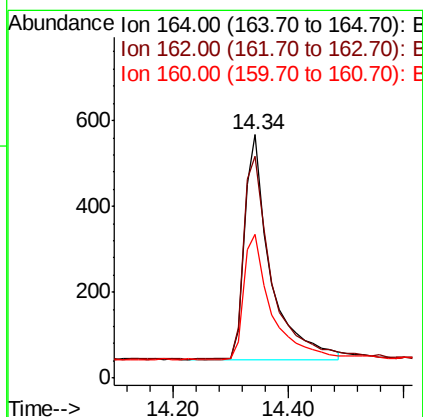
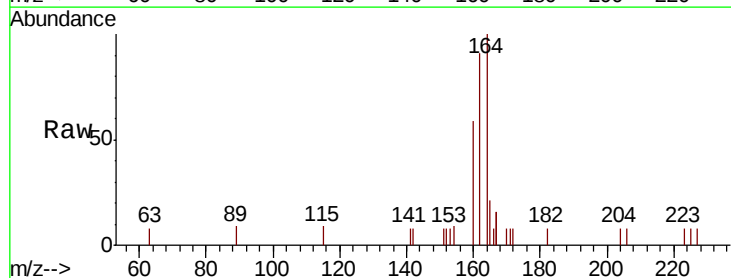
Instrument :
BNA_E
ClientSampleId :

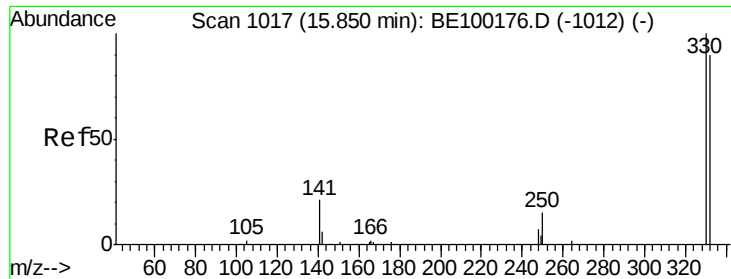
Tot Ion:152 Resp: 1108
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. 0.00 min
Lab File: BE100199.D
Acq: 27 Jun 2019 10:46

Tgt Ion:164 Resp: 1621
Ion Ratio Lower Upper
164 100
162 91.0 78.6 118.0
160 59.1 46.9 70.3





#14

2,4,6-Tribromophenol

Concen: 0.042 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.08 min

Lab File: BE100199.D

Acq: 27 Jun 2019 10:46

Instrument :

BNA_E

ClientSampleId :

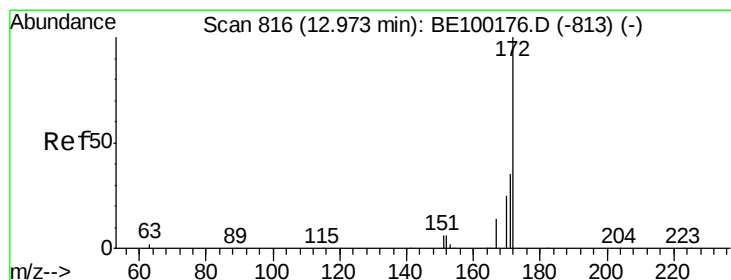
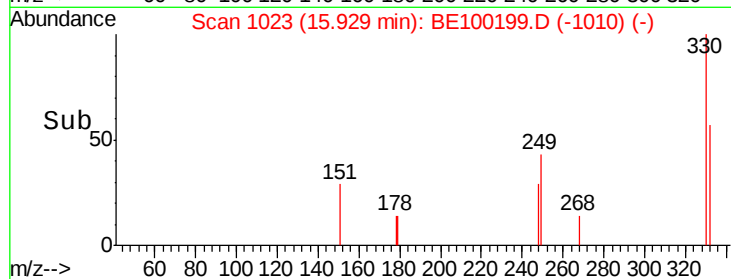
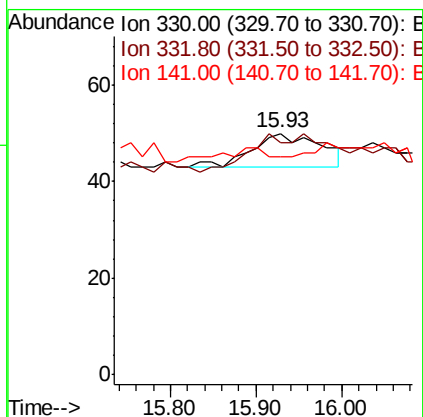
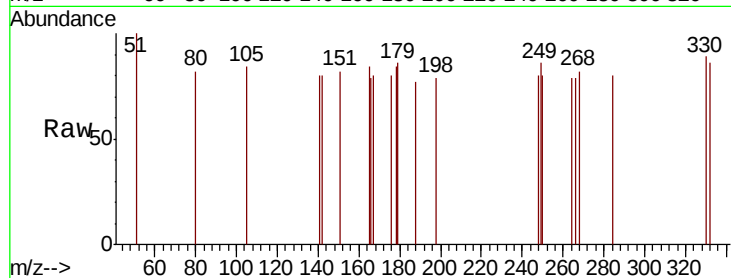
Tot Ion:330 Resp: 39

Ion Ratio Lower Upper

330 100

332 69.2 77.7 116.5#

141 0.0 18.9 28.3#



#15

2-Fluorobiphenyl

Concen: 0.282 ng

RT: 12.99 min Scan# 817

Delta R.T. 0.01 min

Lab File: BE100199.D

Acq: 27 Jun 2019 10:46

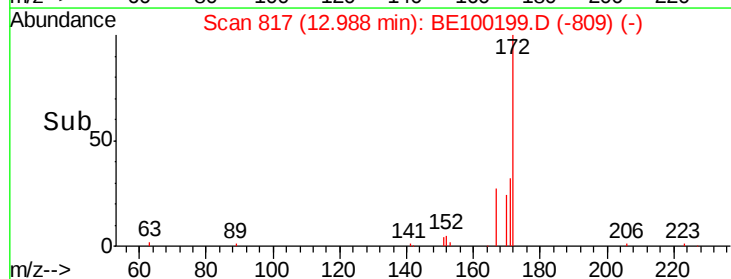
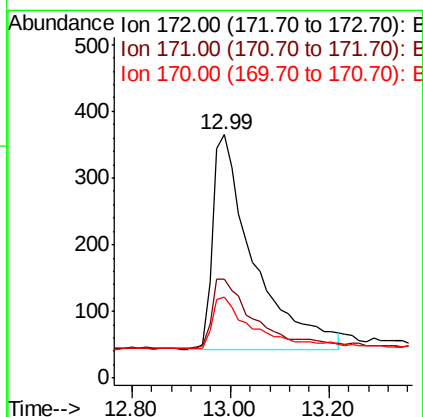
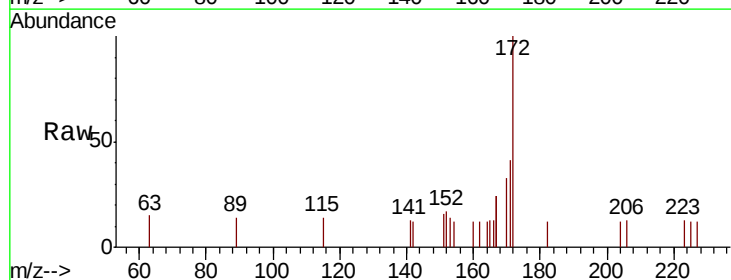
Tgt Ion:172 Resp: 1836

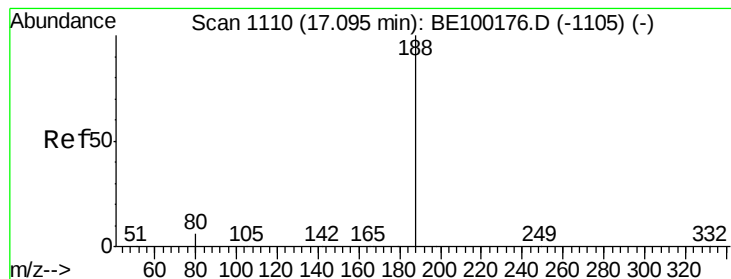
Ion Ratio Lower Upper

172 100

171 40.5 31.0 46.4

170 33.4 23.9 35.9

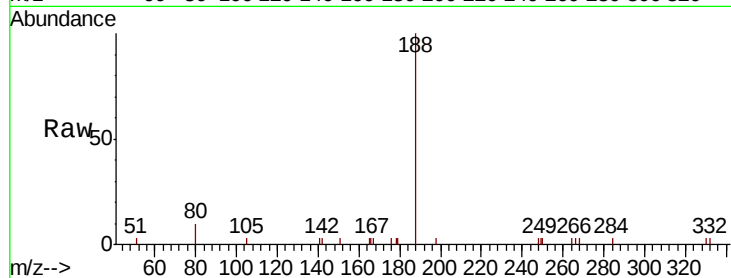




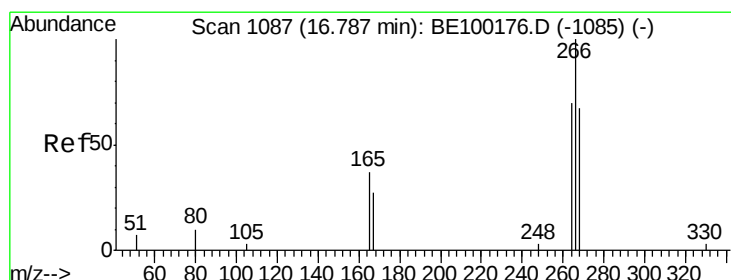
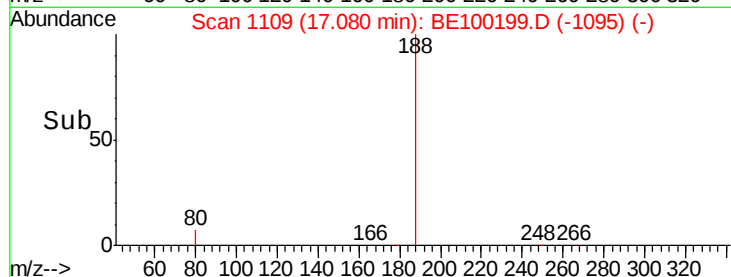
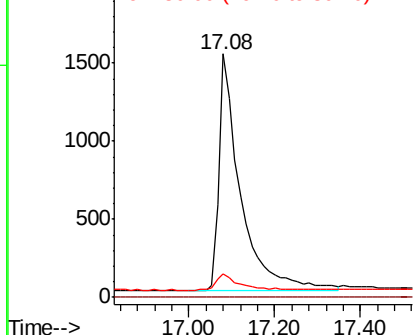
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BE100199.D
Acq: 27 Jun 2019 10:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 5315
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 6.4 9.6

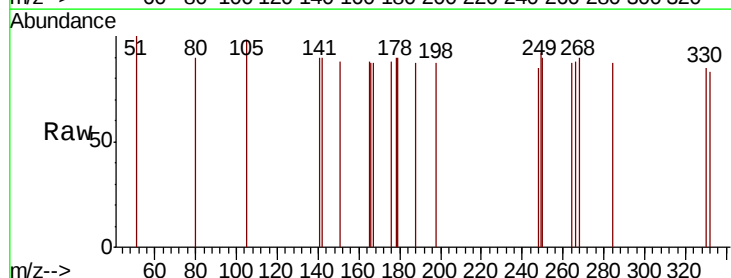


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

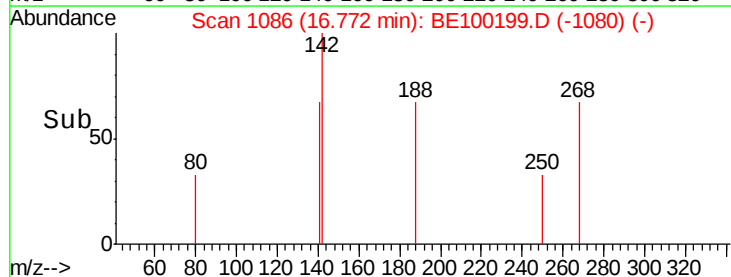
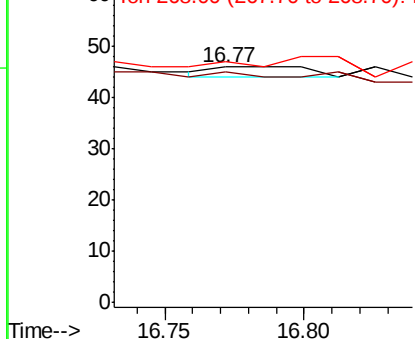


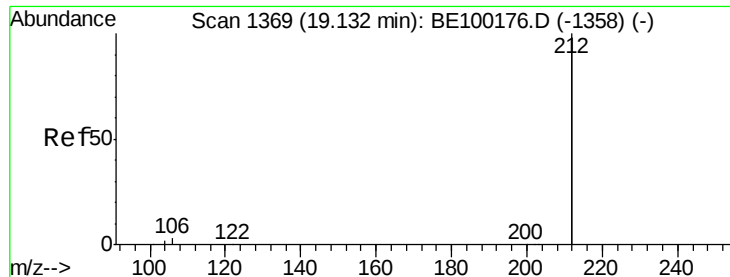
#22
Pentachlorophenol
Concen: 0.275 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100199.D
Acq: 27 Jun 2019 10:46

Tgt Ion:266 Resp: 5
Ion Ratio Lower Upper
266 100
264 97.8 67.7 101.5
268 102.2 69.8 104.6



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

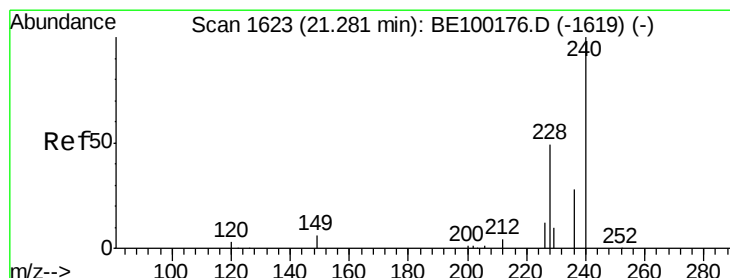
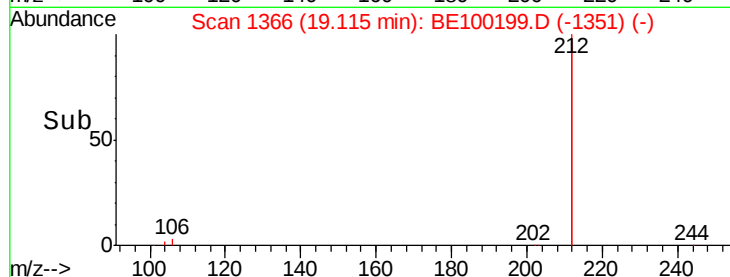
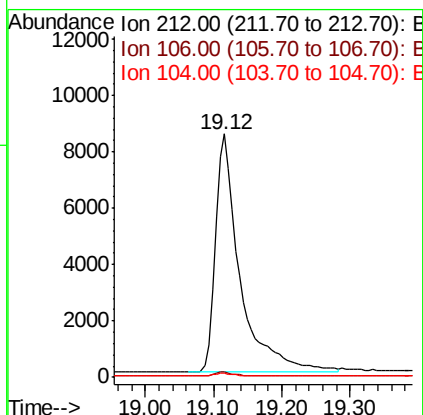
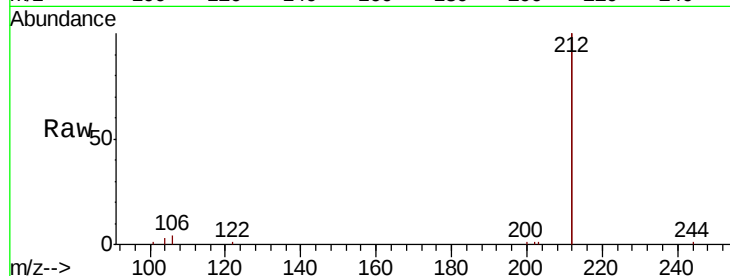




#25
 Fluoranthene-d10
 Concen: 0.281 ng
 RT: 19.12 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: BE100199.D
 Acq: 27 Jun 2019 10:46

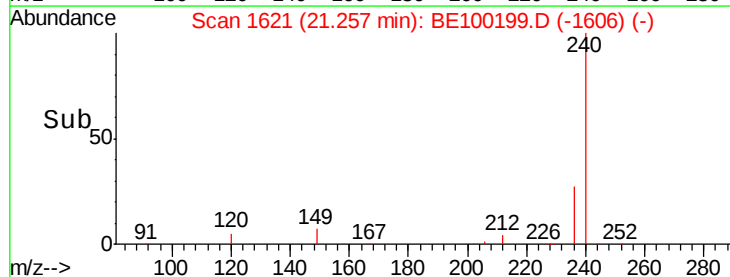
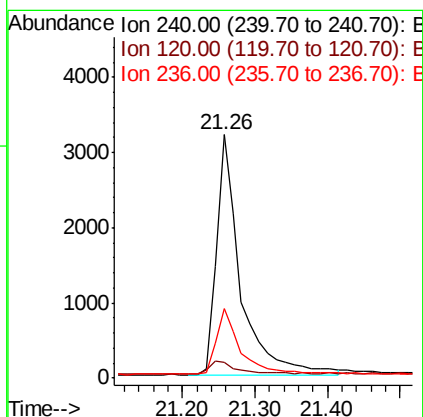
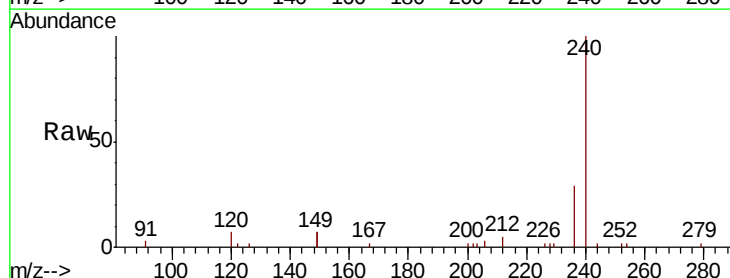
Instrument :
 BNA_E
 ClientSampleId :

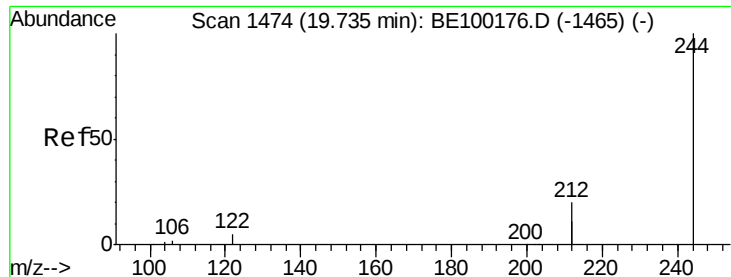
Tot Ion:212 Resp: 21523
 Ion Ratio Lower Upper
 212 100
 106 1.6 1.3 1.9
 104 1.0 0.7 1.1



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BE100199.D
 Acq: 27 Jun 2019 10:46

Tgt Ion:240 Resp: 7330
 Ion Ratio Lower Upper
 240 100
 120 6.6 4.1 6.1#
 236 28.6 23.0 34.6

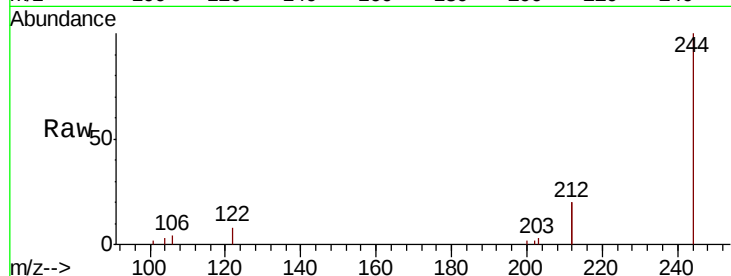




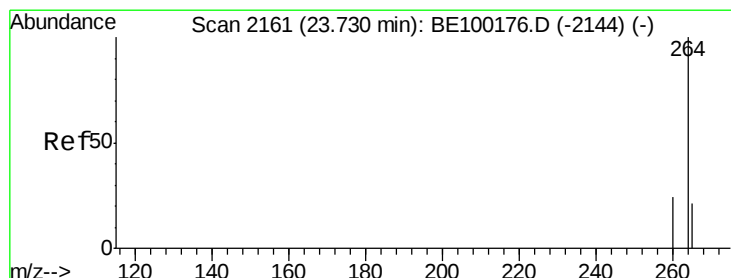
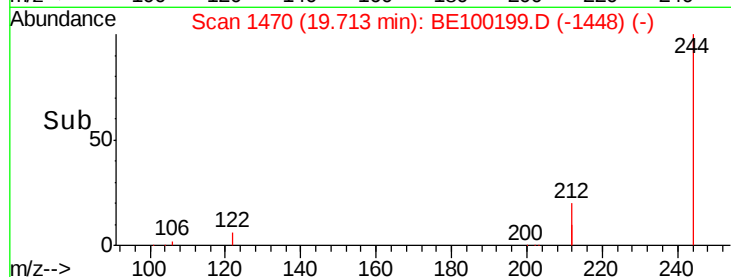
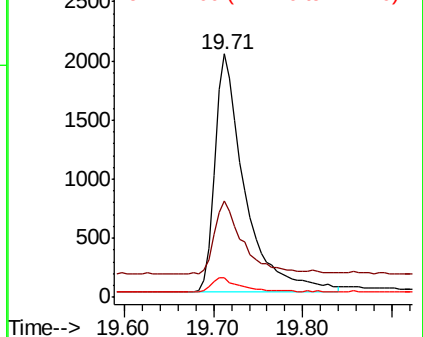
#29
 Terphenyl-d14
 Concen: 0.324 ng
 RT: 19.71 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BE100199.D
 Acq: 27 Jun 2019 10:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 4664
 Ion Ratio Lower Upper
 244 100
 212 39.4 30.7 46.1
 122 7.9 5.8 8.6

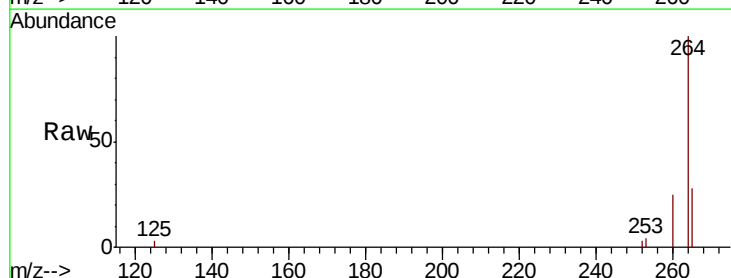


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.68 min Scan# 2147
 Delta R.T. -0.05 min
 Lab File: BE100199.D
 Acq: 27 Jun 2019 10:46

Tgt Ion:264 Resp: 8031
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.4 30.6
 265 28.1 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

