

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100040.D
 Acq On : 15 Jun 2019 1:22
 Operator : JU/SJ
 Sample : K3315-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190607

Quant Time: Jun 15 02:59:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

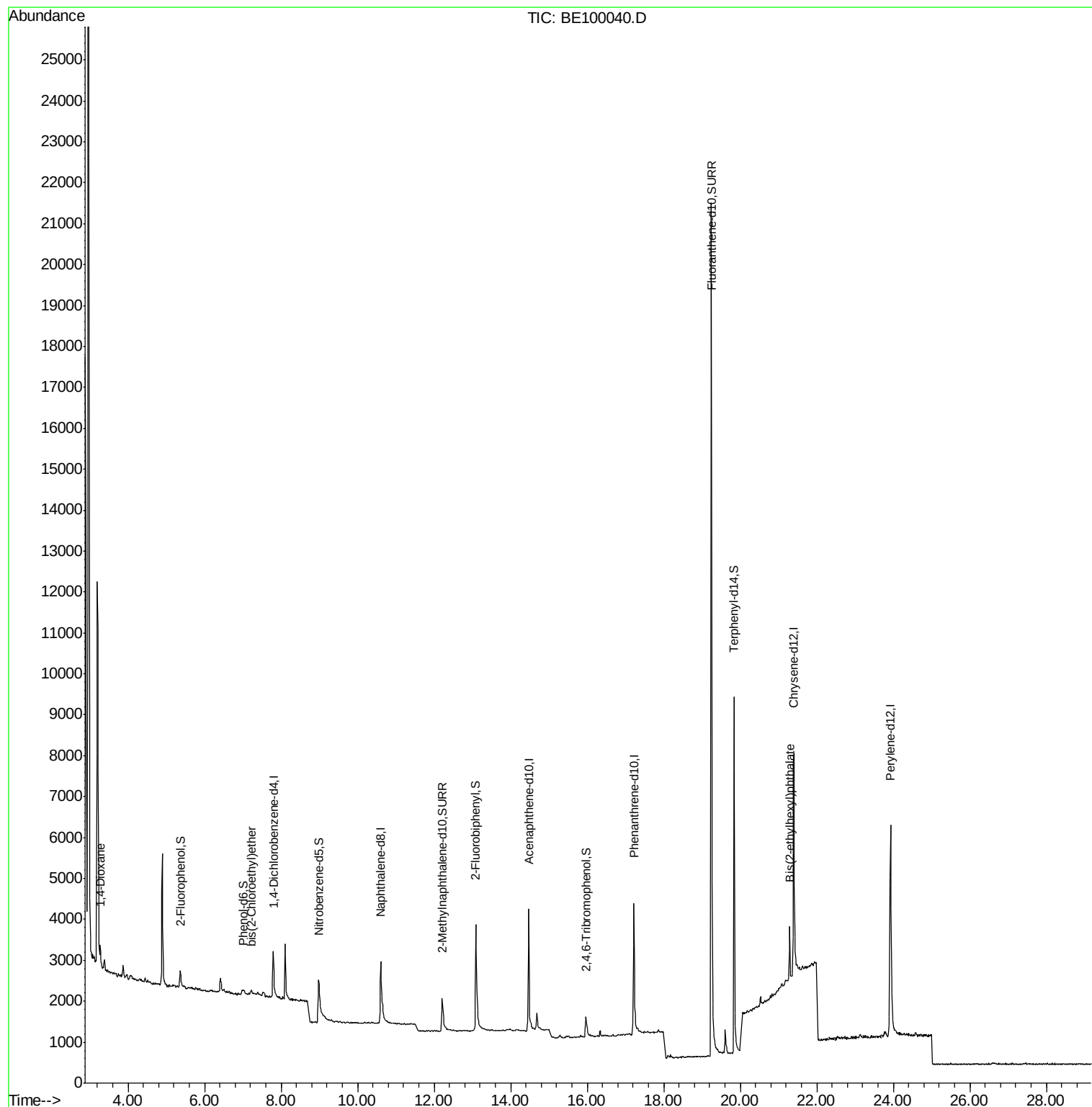
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	867	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3063	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2341	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7042	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8674	0.40	ng	0.00
34) Perylene-d12	23.93	264	9928	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	401	0.17	ng	0.00
5) Phenol-d6	7.00	99	276	0.09	ng	0.03
8) Nitrobenzene-d5	8.98	82	1148	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1891	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	560	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4254	0.48	ng	-0.01
25) Fluoranthene-d10	19.24	212	35463	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	9785	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	419	0.327	ng	# 84
6) bis(2-Chloroethyl)ether	7.23	93	104	0.042	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.29	149	1748	0.047	ng	# 97

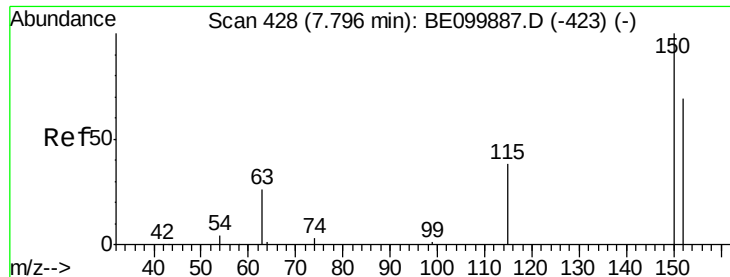
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607

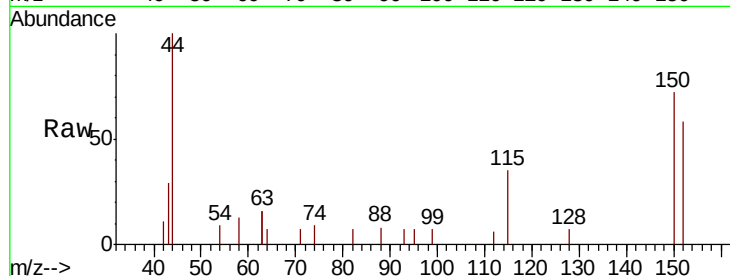
Tot Ion:152 Resp: 867

Ion Ratio Lower Upper

152 100

150 124.9 111.0 166.6

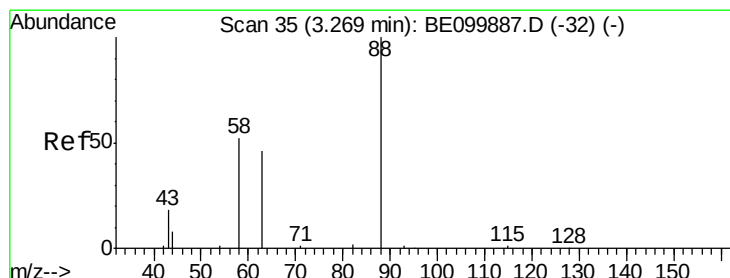
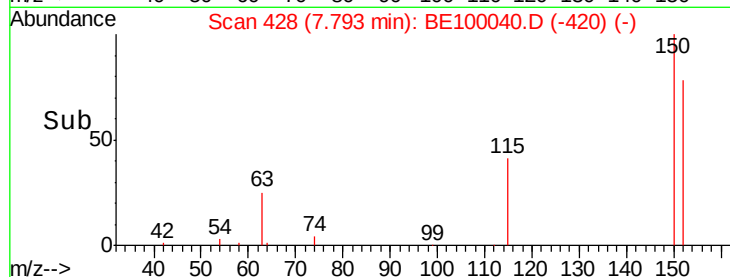
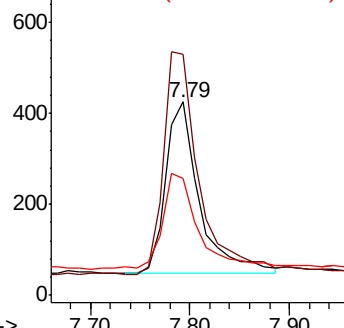
115 60.7 50.7 76.1



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: 0.327 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.01 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

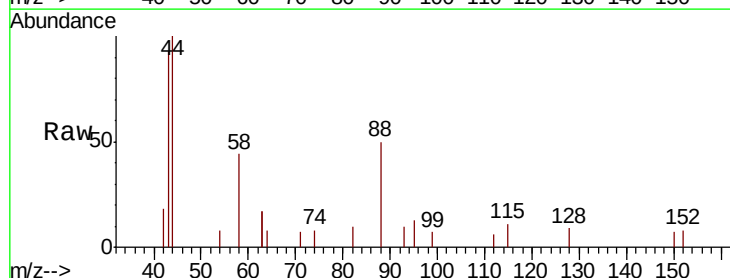
Tgt Ion: 88 Resp: 419

Ion Ratio Lower Upper

88 100

58 58.5 48.8 73.2

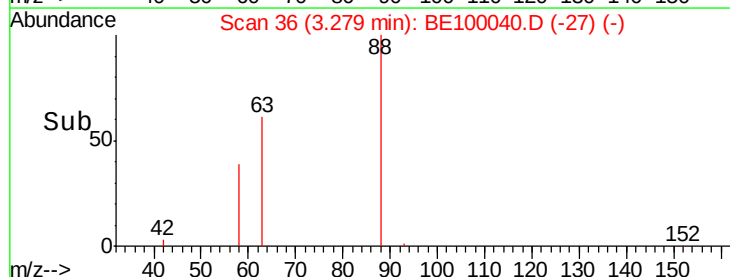
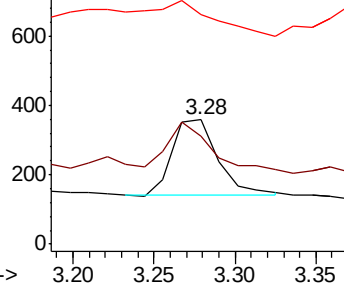
43 0.0 19.0 28.6#

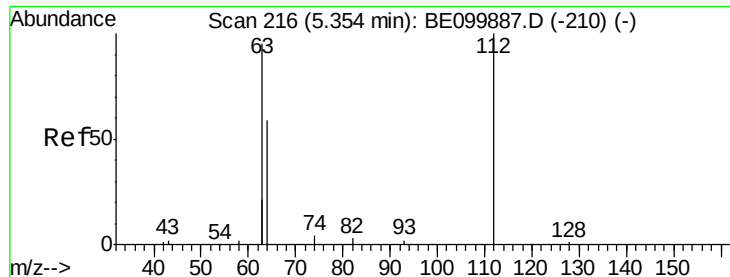


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607

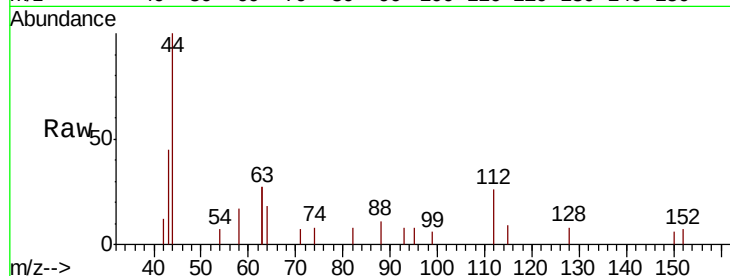
Tot Ion: 112 Resp: 401

Ion Ratio Lower Upper

112 100

64 57.1 44.1 66.1

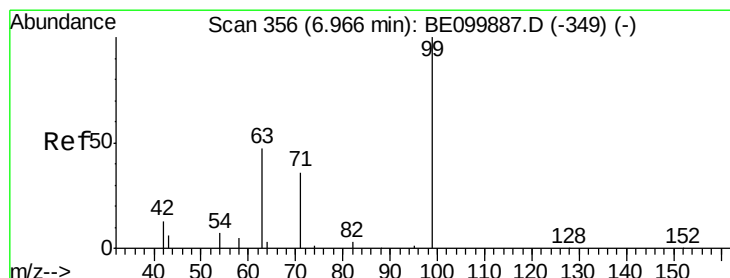
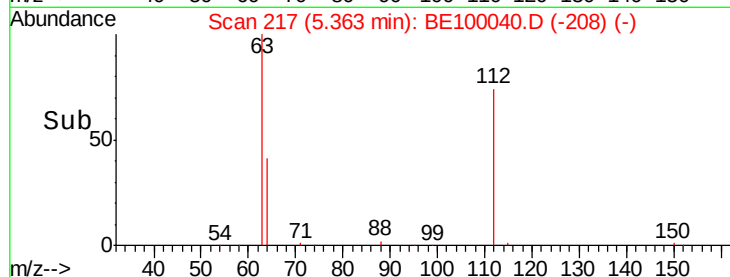
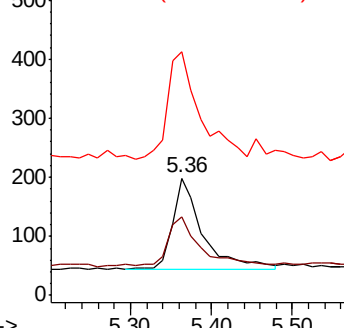
63 127.4 87.8 131.6



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: 0.092 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

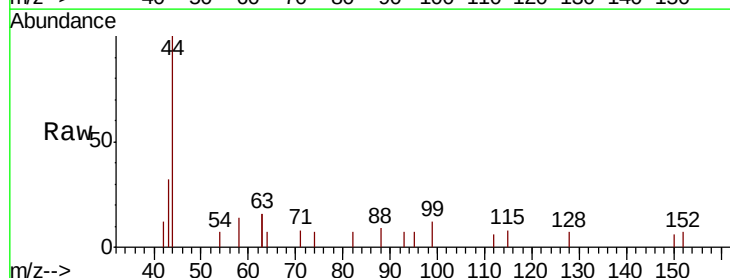
Tgt Ion: 99 Resp: 276

Ion Ratio Lower Upper

99 100

42 10.9 15.9 23.9#

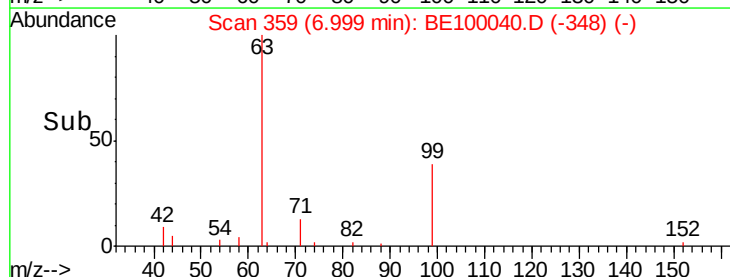
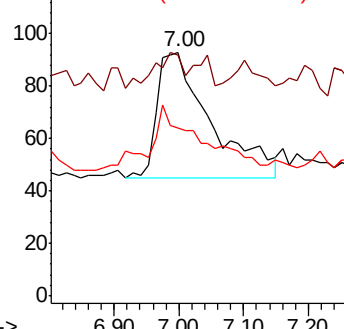
71 0.0 34.6 52.0#

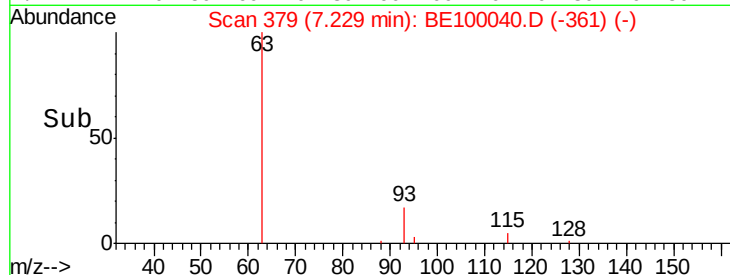
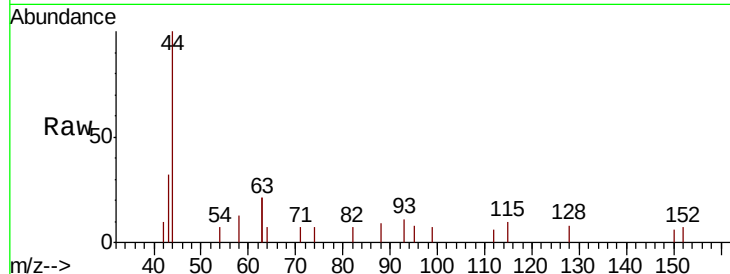
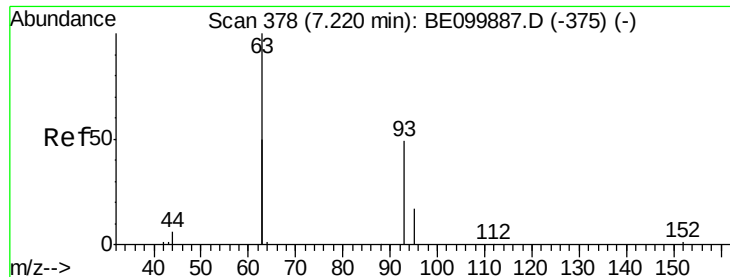


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

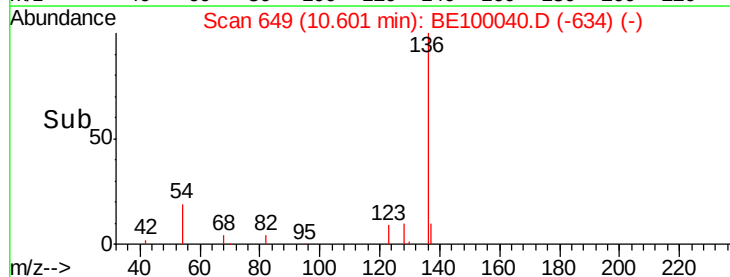
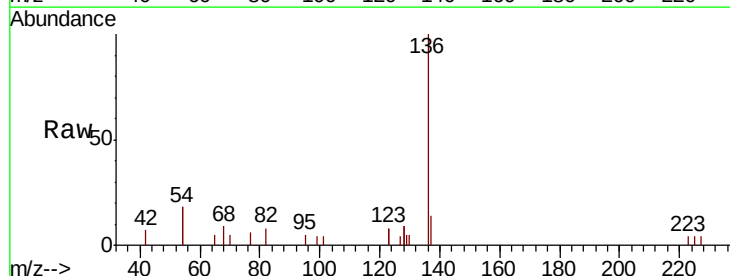
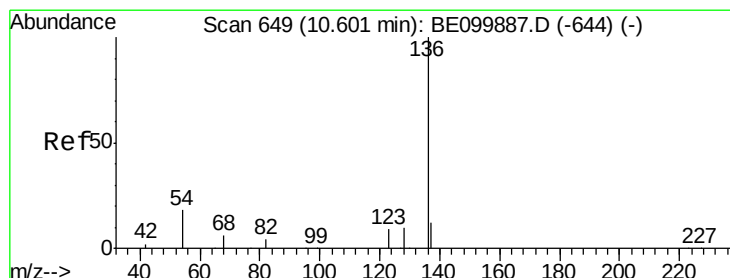
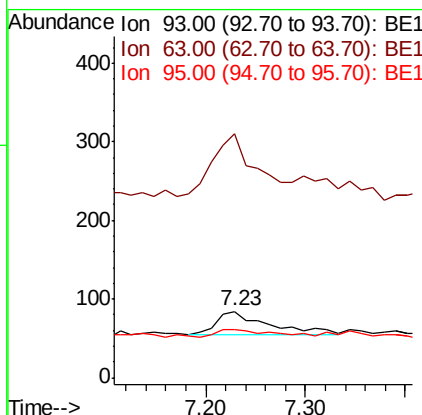




#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE100040.D
Acq: 15 Jun 2019 1:22

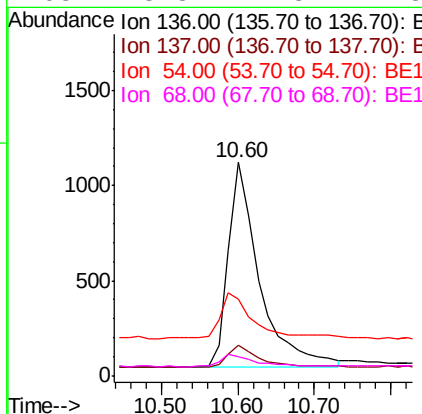
Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607

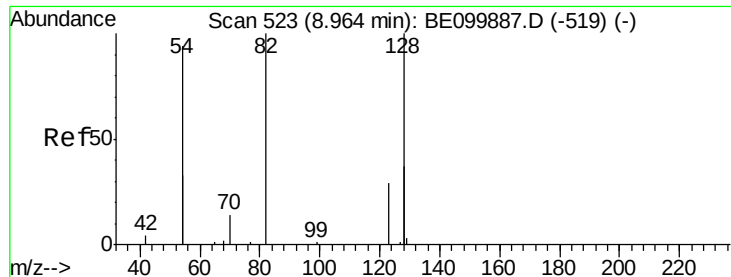
Tot Ion	93	Resp	104
Ion	Ratio	Lower	Upper
93	100		
63	232.7	202.8	304.2
95	35.6	23.7	35.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE100040.D
Acq: 15 Jun 2019 1:22

Tgt Ion	136	Resp	3063
Ion	Ratio	Lower	Upper
136	100		
137	14.3	12.3	18.5
54	36.2	28.2	42.4
68	8.8	7.8	11.8





#8

Nitrobenzene-d5

Concen: 0.396 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607

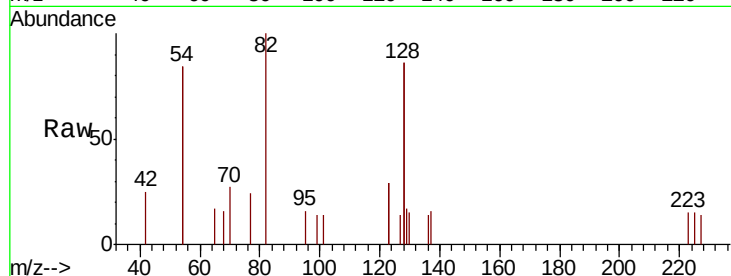
Tot Ion: 82 Resp: 1148

Ion Ratio Lower Upper

82 100

128 171.3 137.3 205.9

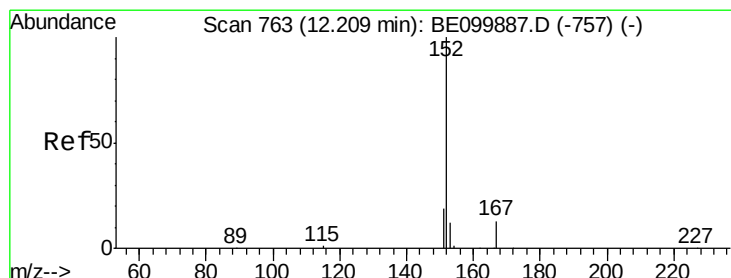
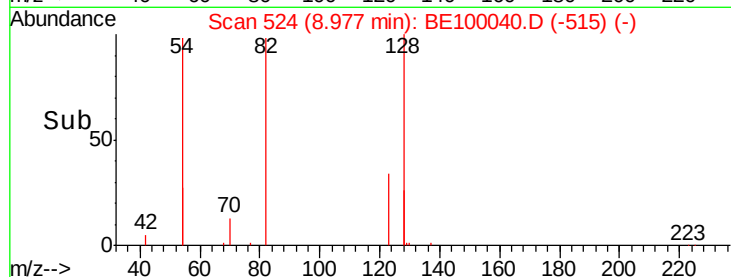
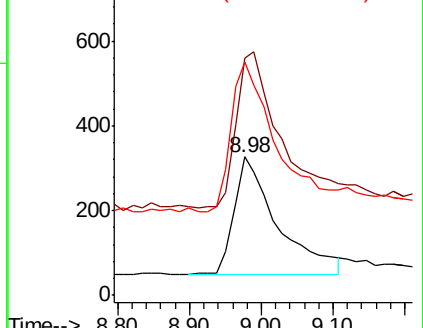
54 168.2 129.7 194.5



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: 0.354 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100040.D

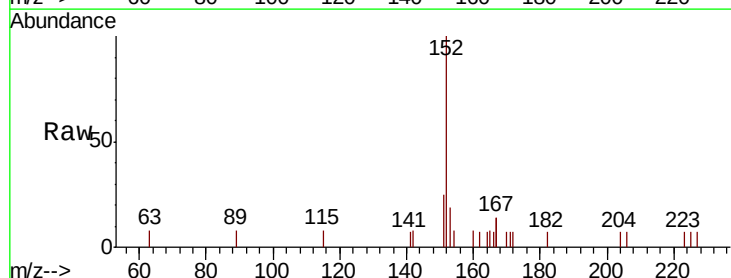
Acq: 15 Jun 2019 1:22

Tgt Ion: 152 Resp: 1891

Ion Ratio Lower Upper

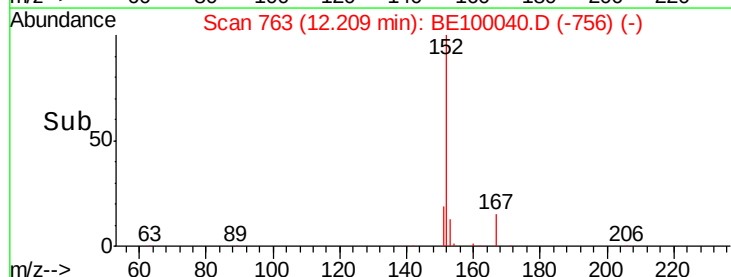
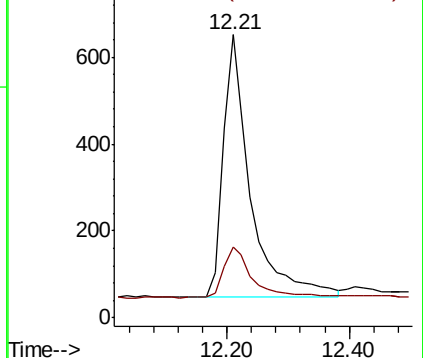
152 100

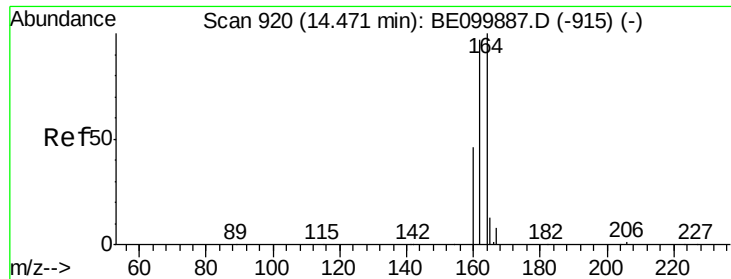
151 19.4 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

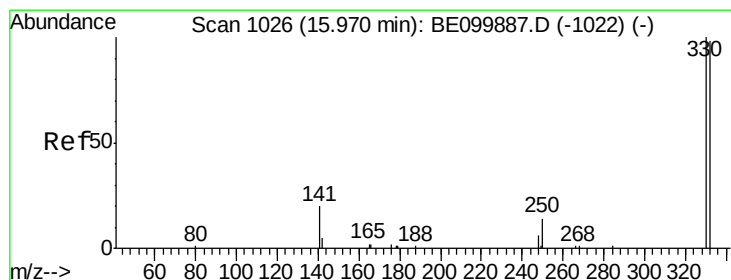
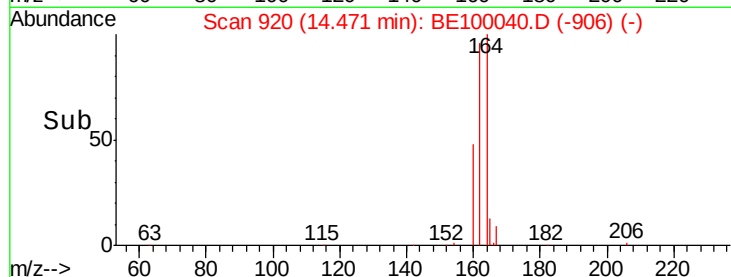
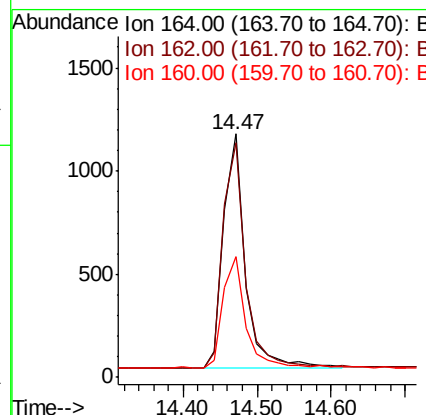
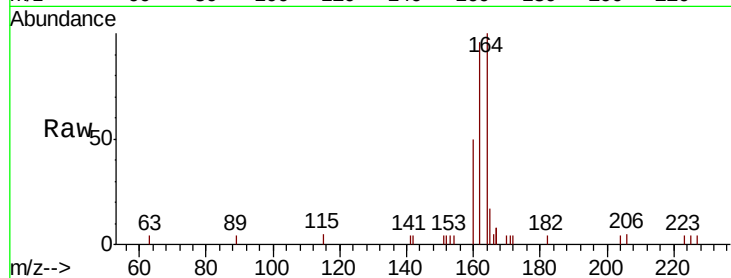




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100040.D
Acq: 15 Jun 2019 1:22

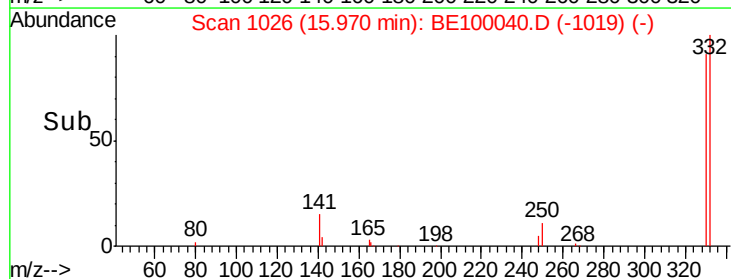
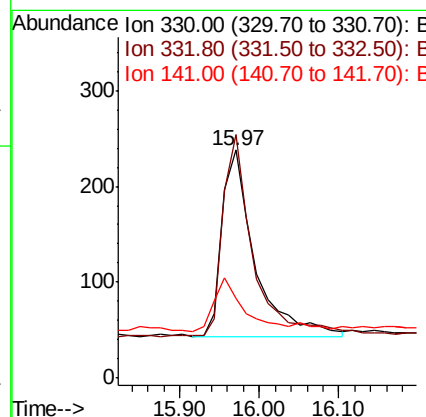
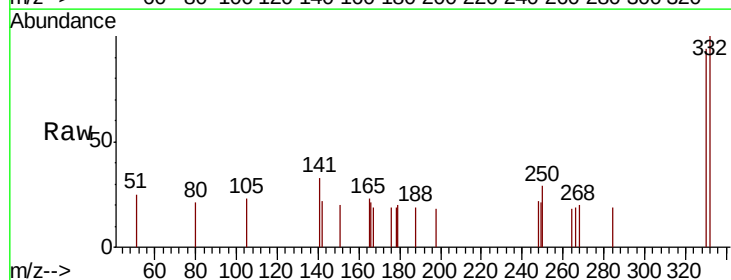
Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607

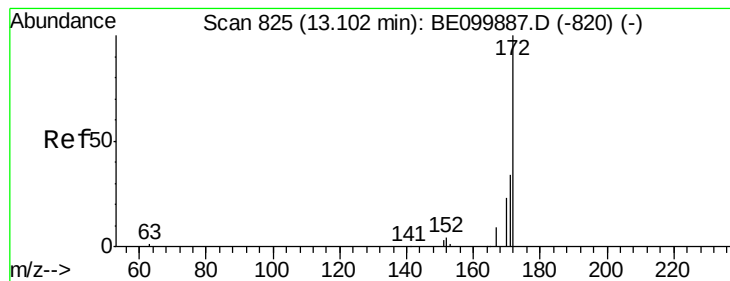
Tot Ion:164 Resp: 2341
Ion Ratio Lower Upper
164 100
162 96.4 77.8 116.8
160 49.7 38.2 57.4



#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100040.D
Acq: 15 Jun 2019 1:22

Tgt Ion:330 Resp: 560
Ion Ratio Lower Upper
330 100
332 100.0 76.7 115.1
141 26.6 21.0 31.6





#15

2-Fluorobiphenyl

Concen: 0.479 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607

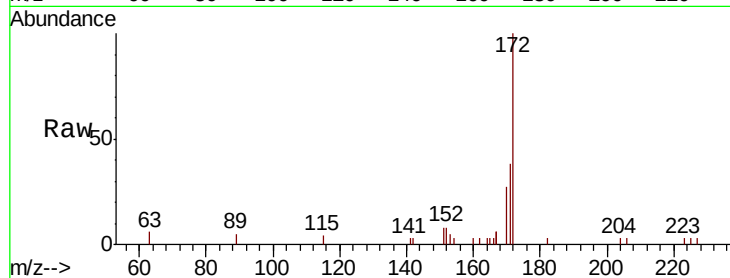
Tot Ion:172 Resp: 4254

Ion Ratio Lower Upper

172 100

171 38.0 29.2 43.8

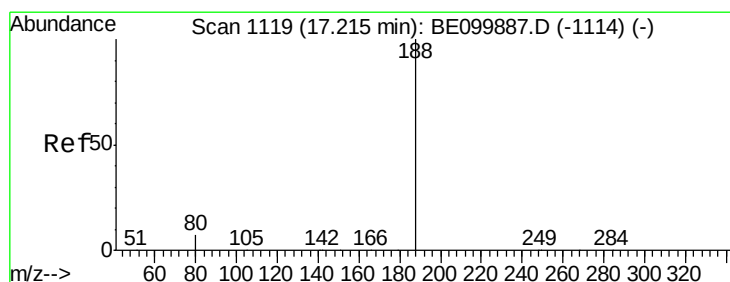
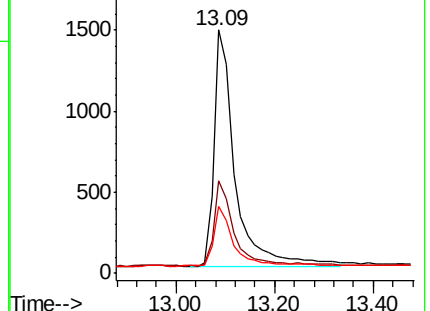
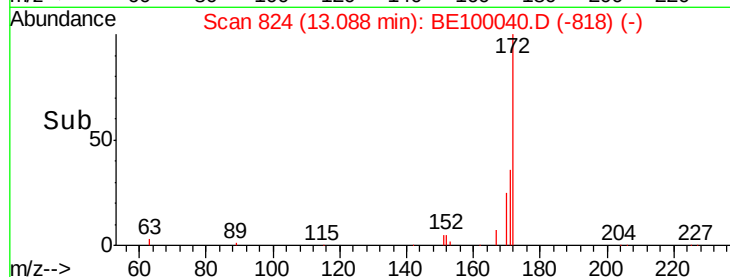
170 27.3 21.2 31.8



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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

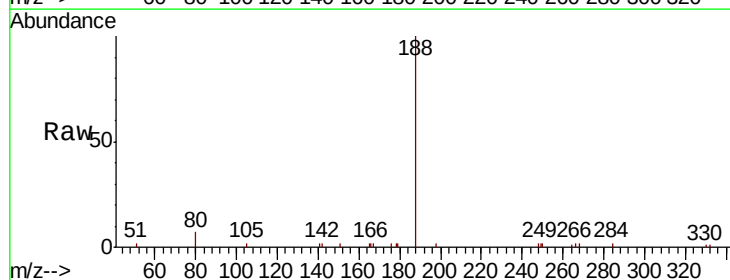
Tgt Ion:188 Resp: 7042

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

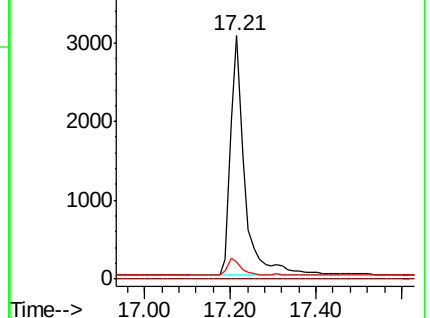
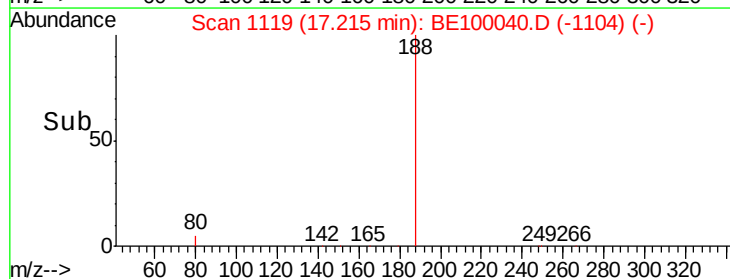
80 6.9 6.4 9.6

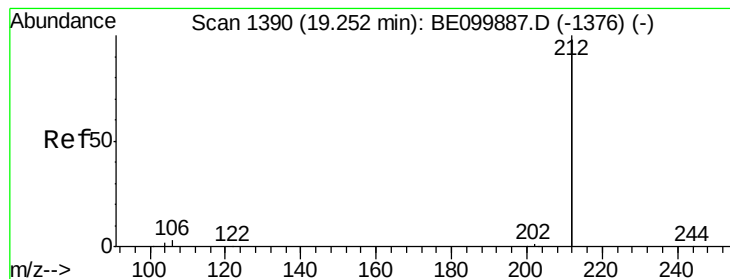


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.346 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

Instrument :

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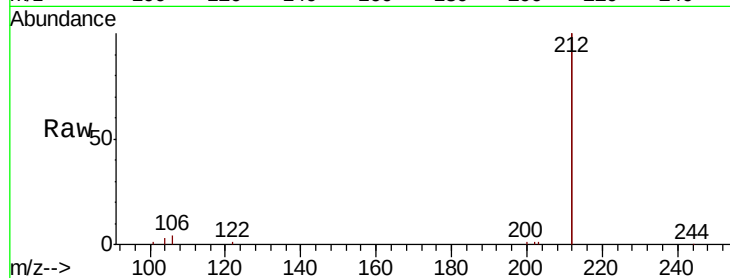
Tot Ion:212 Resp: 35463

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

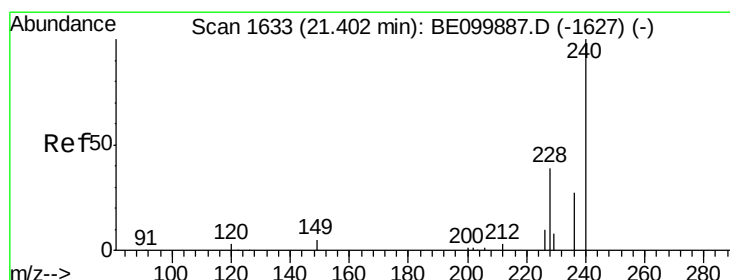
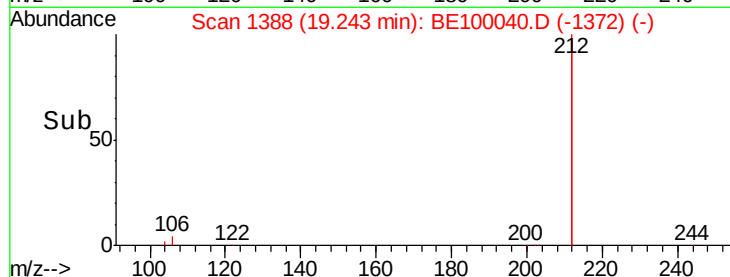
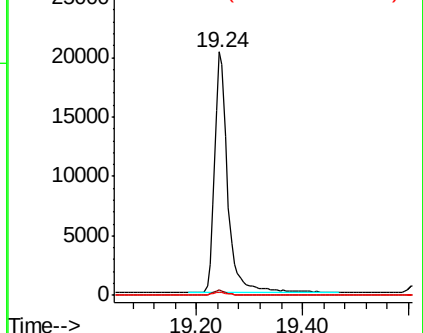
104 1.0 0.9 1.3



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: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

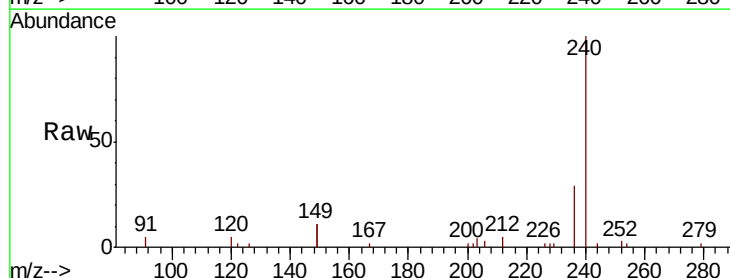
Tgt Ion:240 Resp: 8674

Ion Ratio Lower Upper

240 100

120 5.1 3.8 5.6

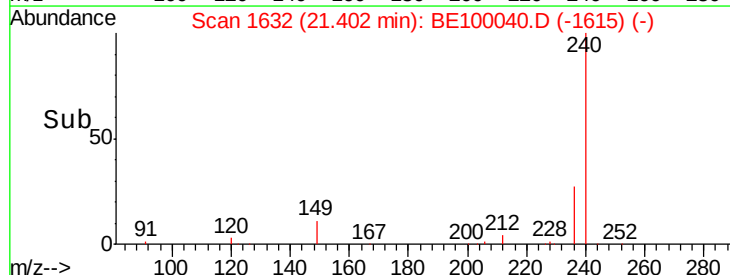
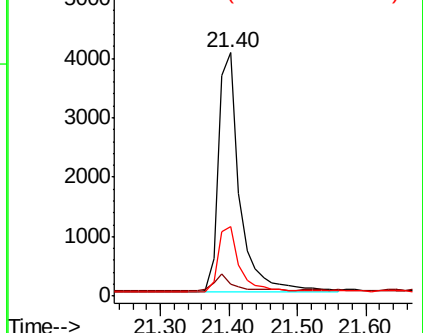
236 28.5 22.0 33.0

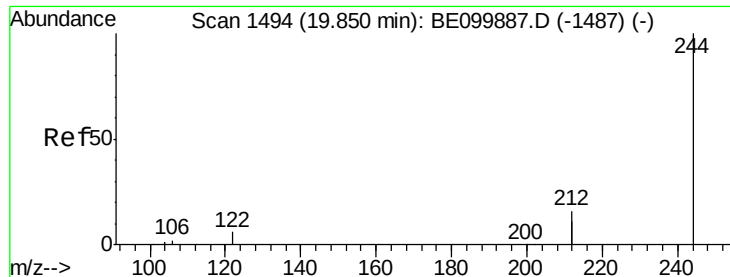


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.627 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607

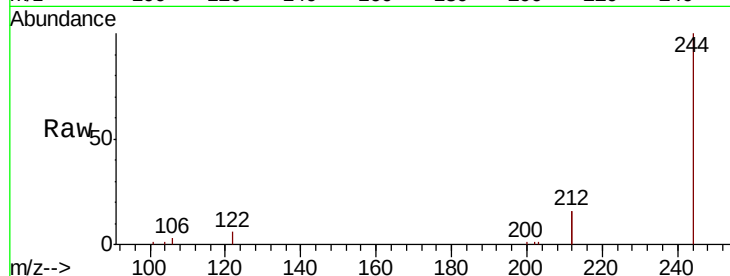
Tot Ion:244 Resp: 9785

Ion Ratio Lower Upper

244 100

212 31.8 25.7 38.5

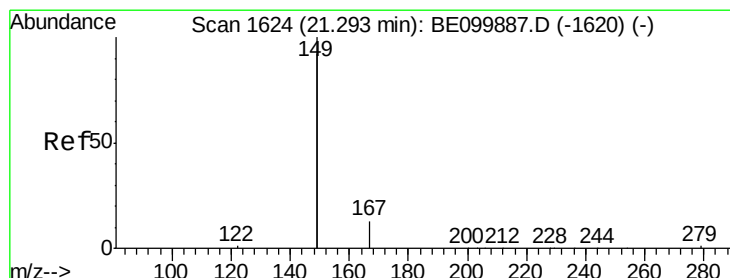
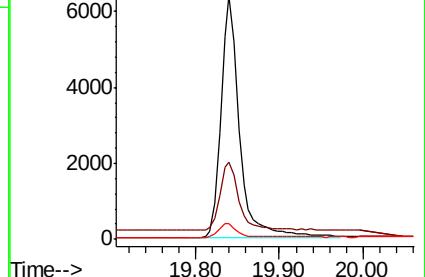
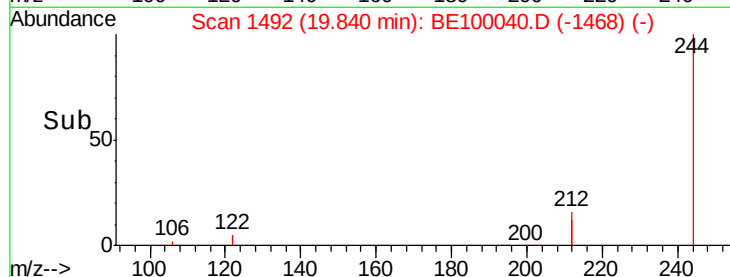
122 6.3 5.5 8.3



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.047 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

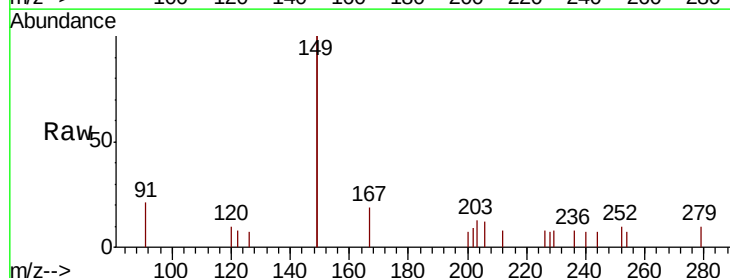
Tgt Ion:149 Resp: 1748

Ion Ratio Lower Upper

149 100

167 8.5 5.9 8.9

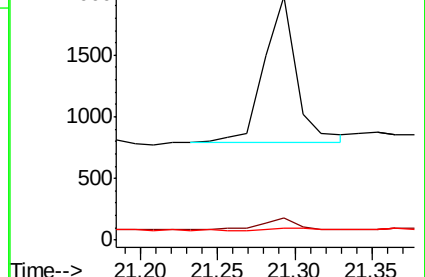
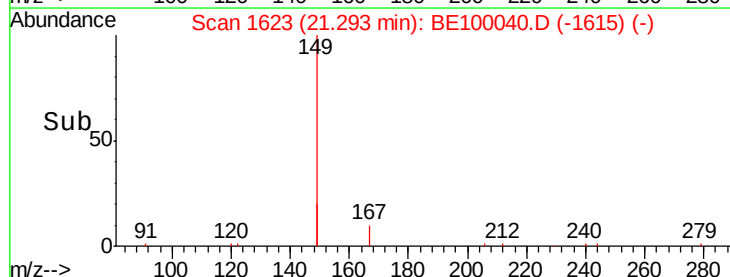
279 2.7 1.2 1.8#

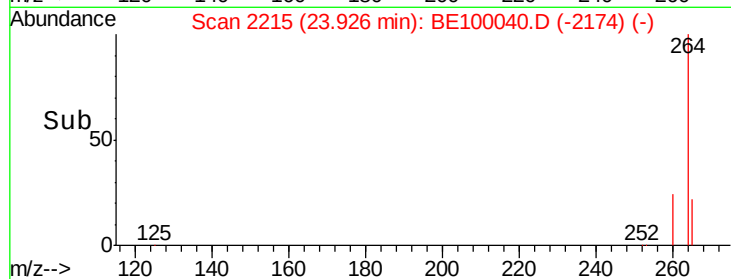
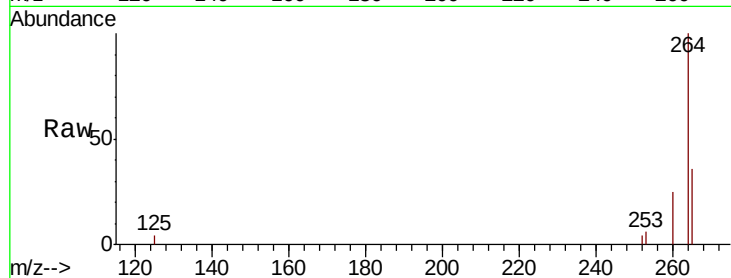
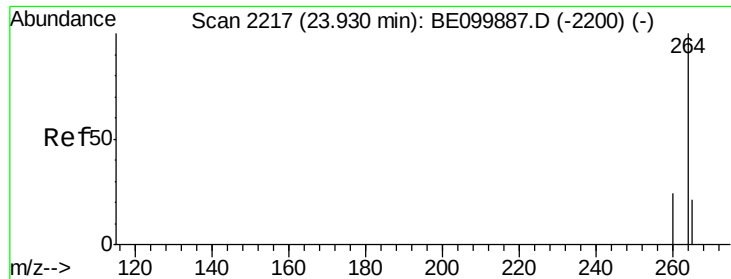


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE100040.D

Acq: 15 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE104D2-20190607

Tot Ion:264 Resp: 9928

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 36.5 22.0 33.0#

