

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099934.D
 Acq On : 11 Jun 2019 21:08
 Operator : JU/SJ
 Sample : K3255-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D2-20190603

Quant Time: Jun 12 04:53:05 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

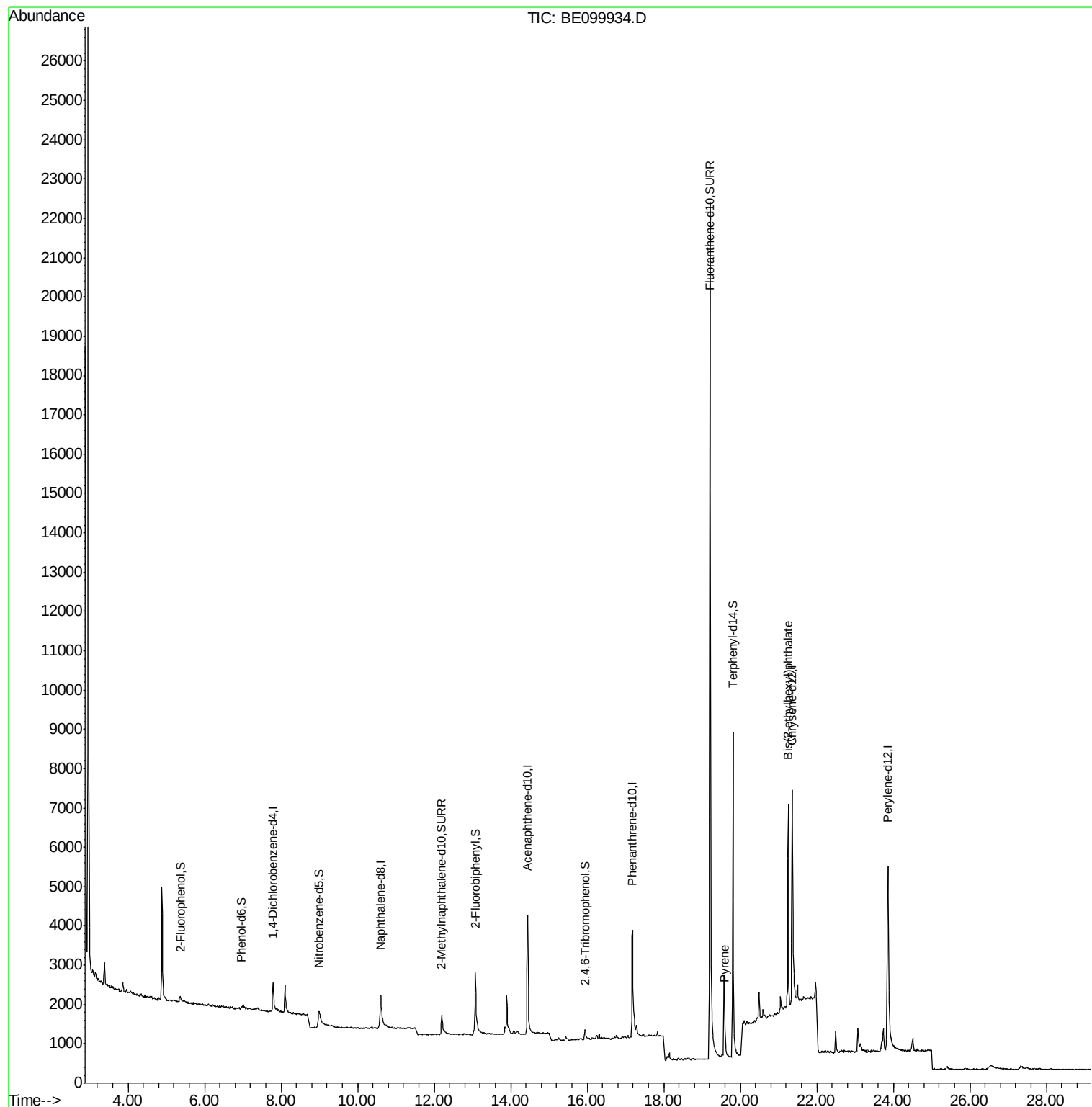
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	619	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2150	0.40	ng	0.00
13) Acenaphthene-d10	14.44	164	1994	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	6255	0.40	ng	-0.03
27) Chrysene-d12	21.35	240	8762	0.40	ng	-0.05
34) Perylene-d12	23.86	264	9744	0.40	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	207	0.12	ng	0.01
5) Phenol-d6	6.97	99	133	0.06	ng	0.00
8) Nitrobenzene-d5	8.98	82	613	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	1395	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	332	0.23	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	2660	0.35	ng	-0.03
25) Fluoranthene-d10	19.21	212	37064	0.41	ng	-0.05
29) Terphenyl-d14	19.80	244	9855	0.62	ng	-0.05
Target Compounds						
28) Pyrene	19.60	202	580	0.025	ng	Qvalue # 89
32) Bis(2-ethylhexyl)phthalate	21.26	149	7276	0.194	ng	99

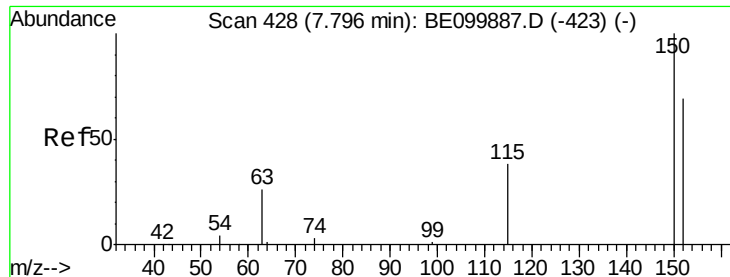
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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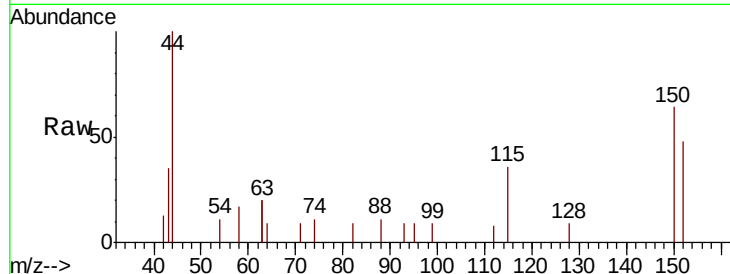


#1

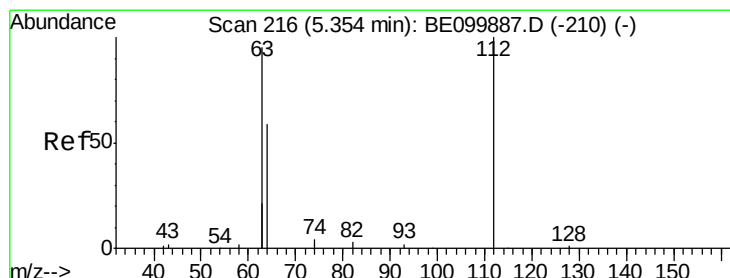
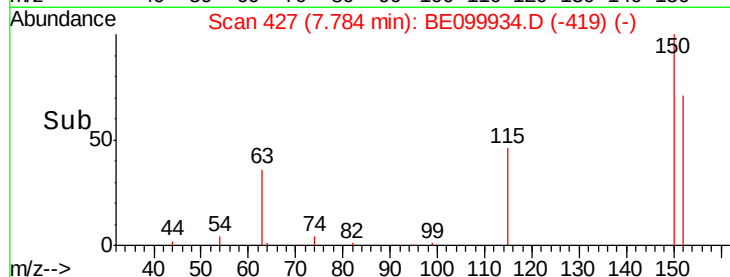
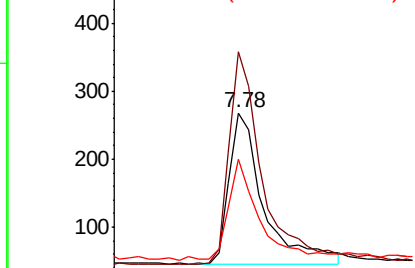
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099934.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_E
ClientSampleId :
RE117D2-20190603

Tot Ion:152 Resp: 619
Ion Ratio Lower Upper
152 100
150 133.6 111.0 166.6
115 74.3 50.7 76.1



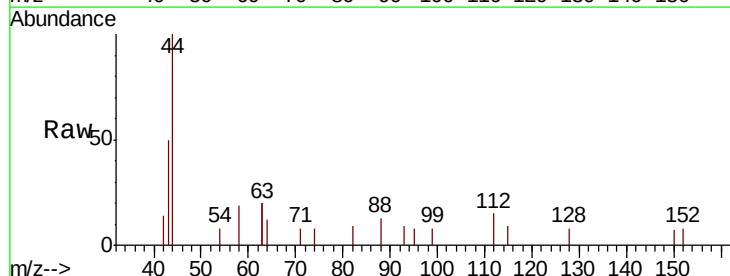
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



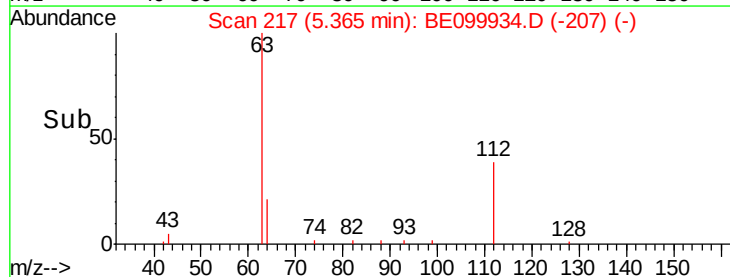
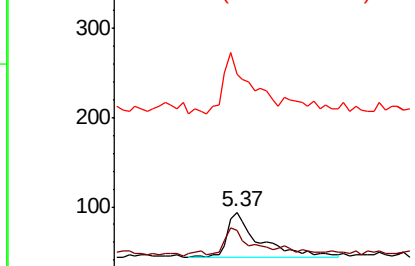
#4

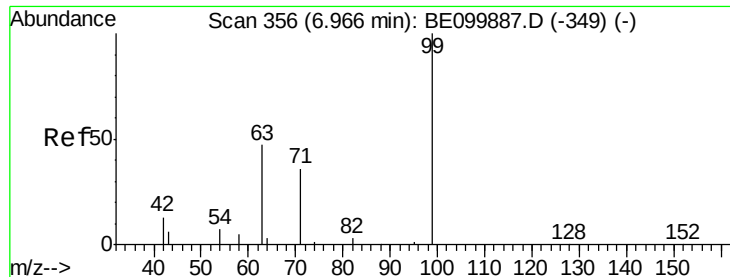
2-Fluorophenol
Concen: 0.124 ng
RT: 5.37 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099934.D
Acq: 11 Jun 2019 21:08

Tgt Ion:112 Resp: 207
Ion Ratio Lower Upper
112 100
64 47.8 44.1 66.1
63 118.4 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.062 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190603

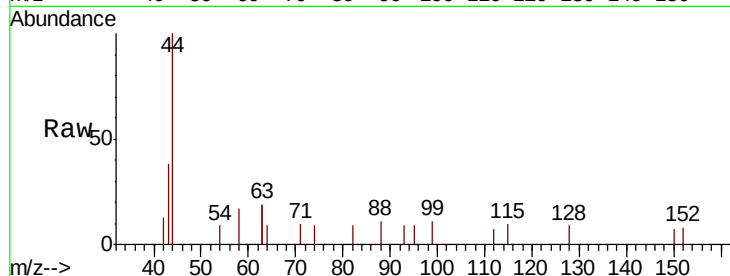
Tot Ion: 99 Resp: 133

Ion Ratio Lower Upper

99 100

42 15.0 15.9 23.9#

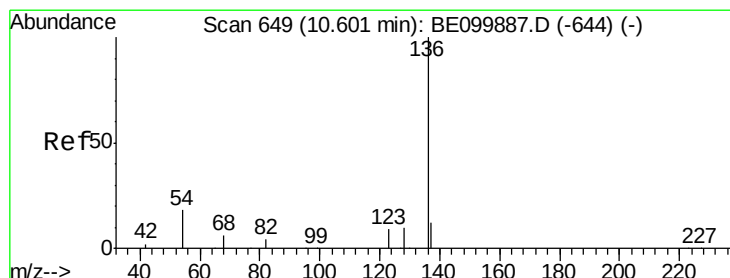
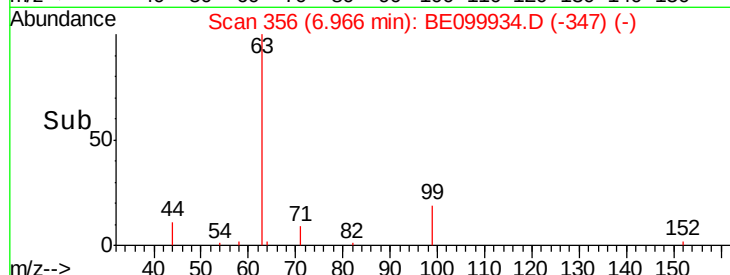
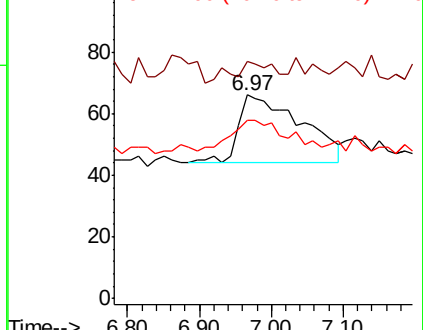
71 42.9 34.6 52.0



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

Tgt Ion: 136 Resp: 2150

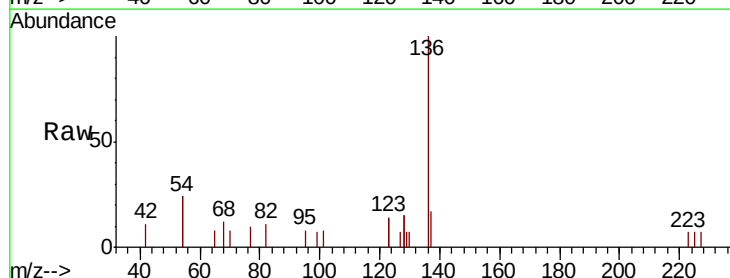
Ion Ratio Lower Upper

136 100

137 17.2 12.3 18.5

54 47.1 28.2 42.4#

68 12.0 7.8 11.8#

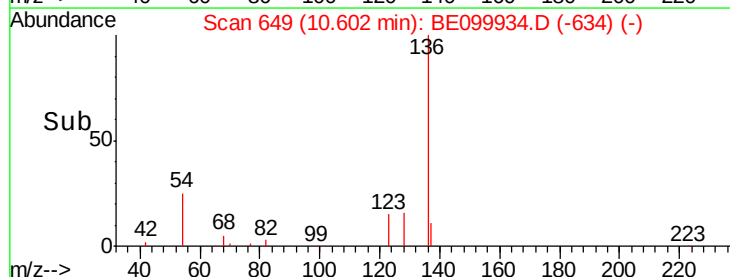
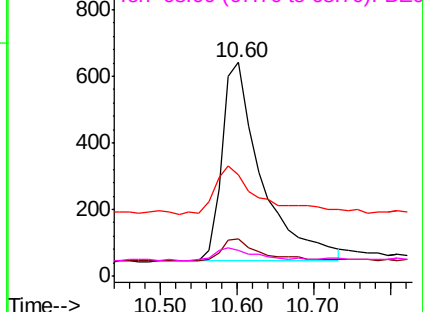


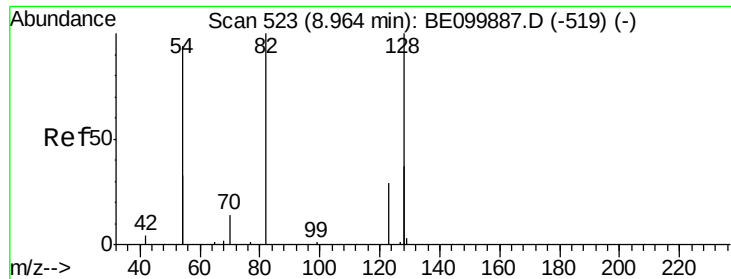
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.301 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190603

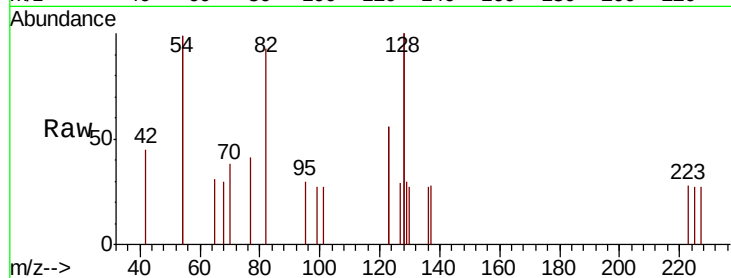
Tot Ion: 82 Resp: 613

Ion Ratio Lower Upper

82 100

128 215.7 137.3 205.9#

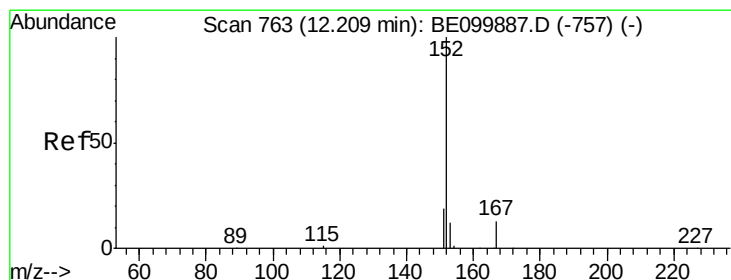
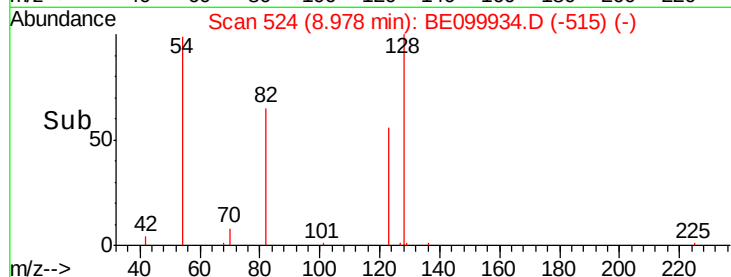
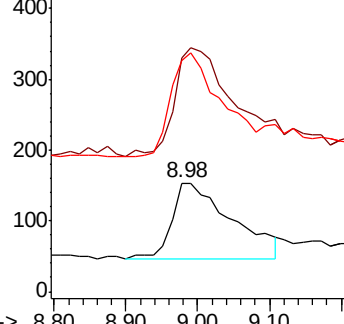
54 213.1 129.7 194.5#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099934.D

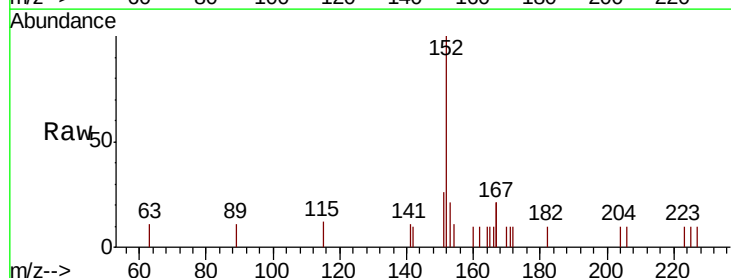
Acq: 11 Jun 2019 21:08

Tgt Ion: 152 Resp: 1395

Ion Ratio Lower Upper

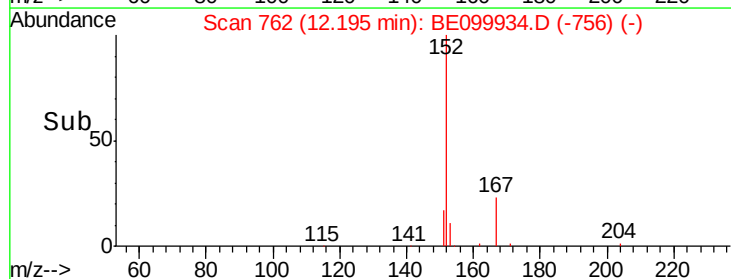
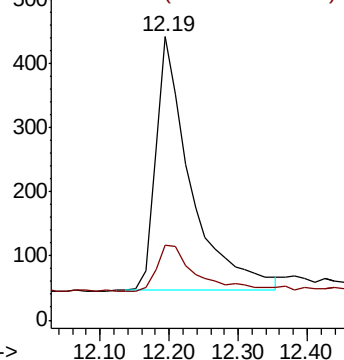
152 100

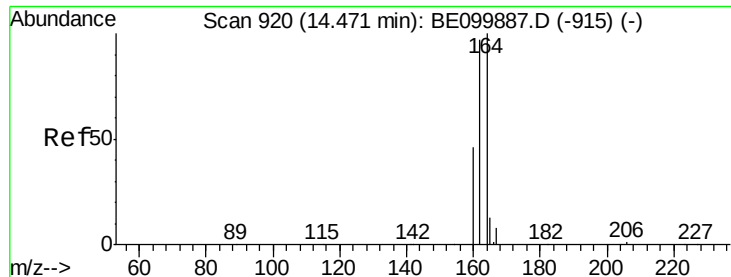
151 20.8 15.2 22.8



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: 14.44 min Scan# 918

Delta R.T. -0.03 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190603

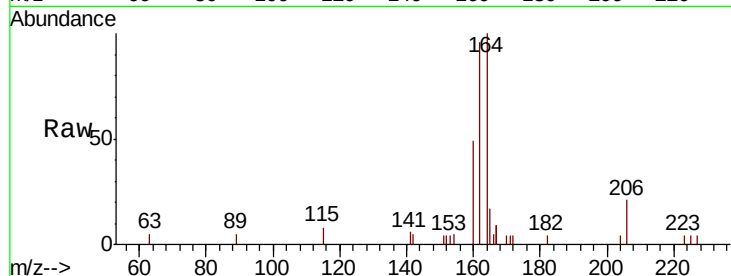
Tot Ion:164 Resp: 1994

Ion Ratio Lower Upper

164 100

162 96.0 77.8 116.8

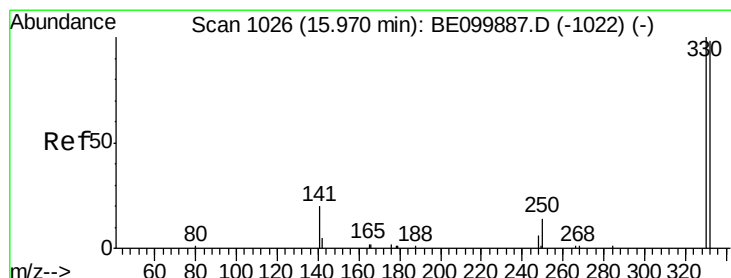
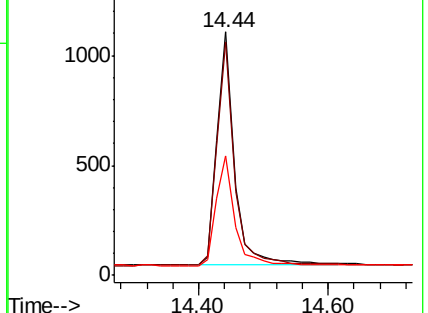
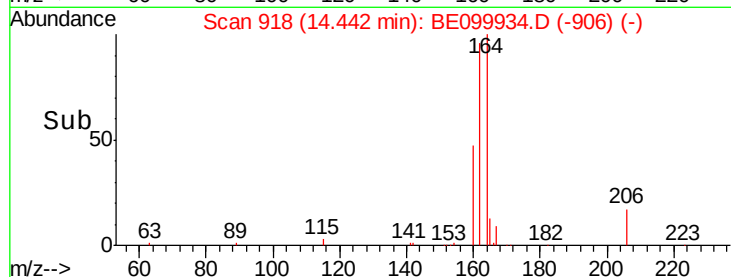
160 49.1 38.2 57.4



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: 0.225 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

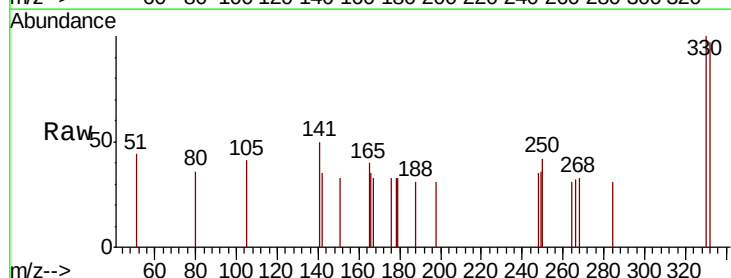
Tgt Ion:330 Resp: 332

Ion Ratio Lower Upper

330 100

332 97.9 76.7 115.1

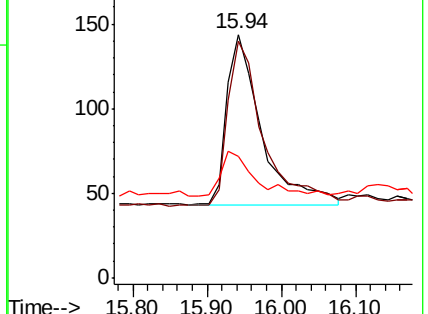
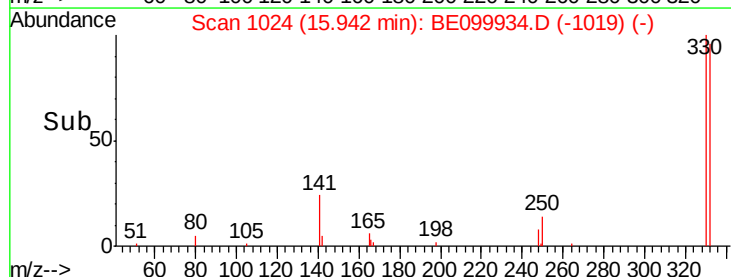
141 26.5 21.0 31.6

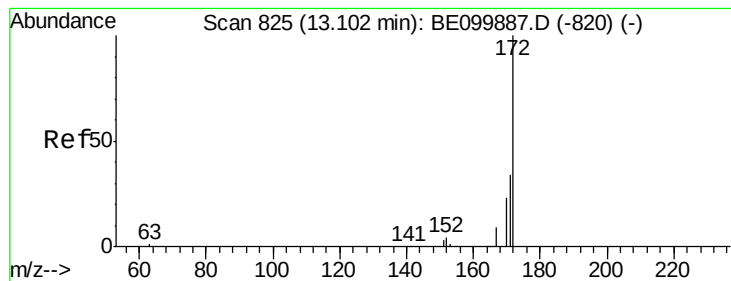


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

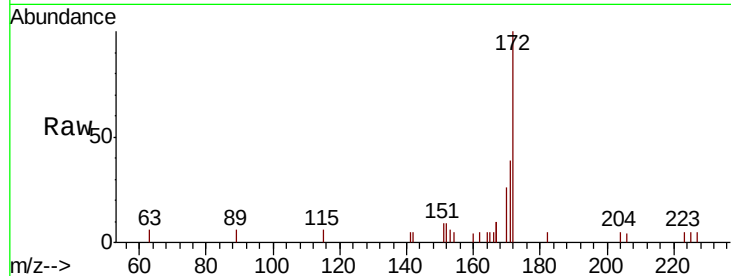




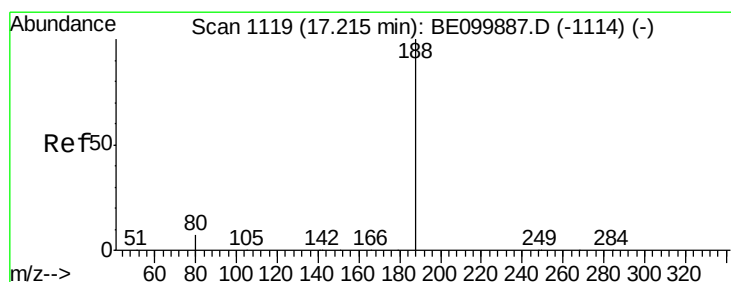
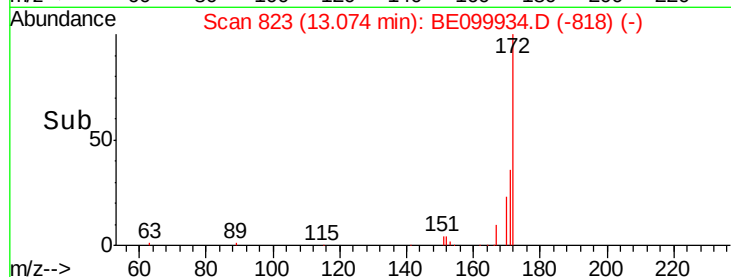
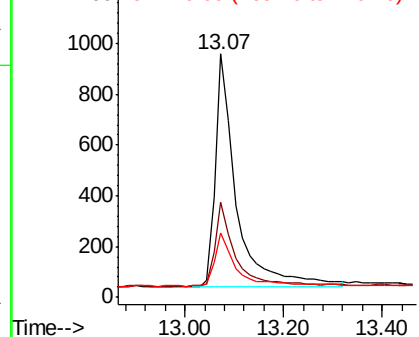
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.03 min
Lab File: BE099934.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_E
ClientSampleId :
RE117D2-20190603

Tot Ion:172 Resp: 2660
Ion Ratio Lower Upper
172 100
171 38.9 29.2 43.8
170 26.4 21.2 31.8

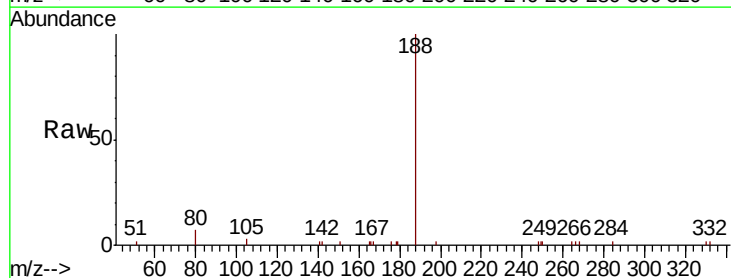


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

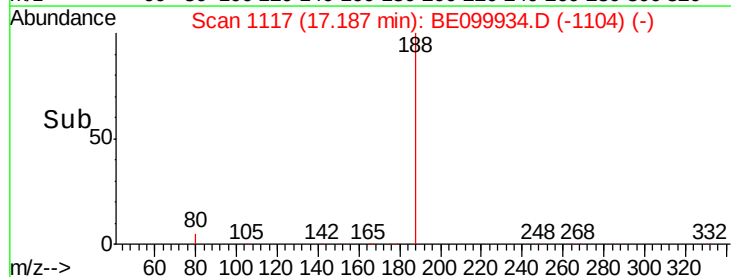
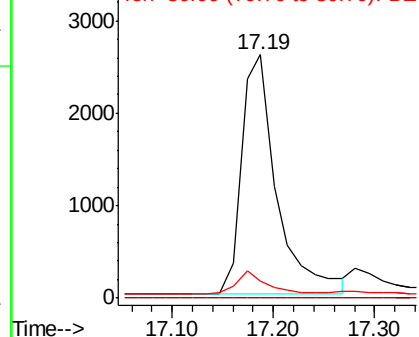


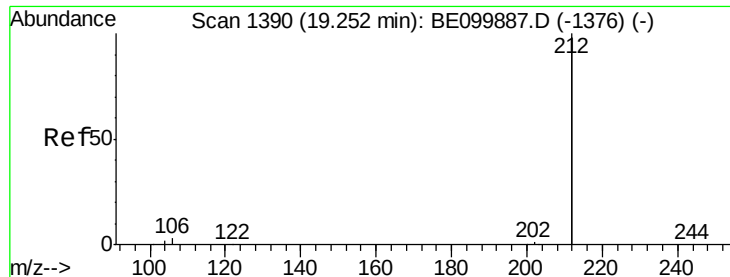
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099934.D
Acq: 11 Jun 2019 21:08

Tgt Ion:188 Resp: 6255
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.21 min Scan# 1382

Delta R.T. -0.05 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190603

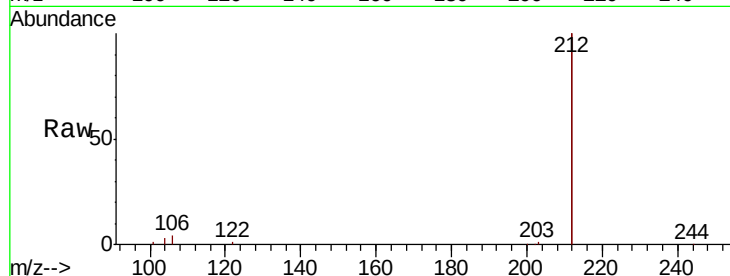
Tot Ion:212 Resp: 37064

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

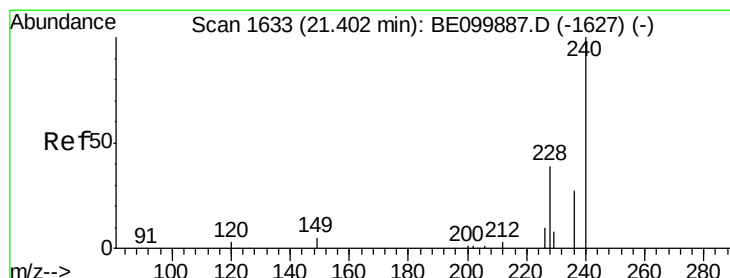
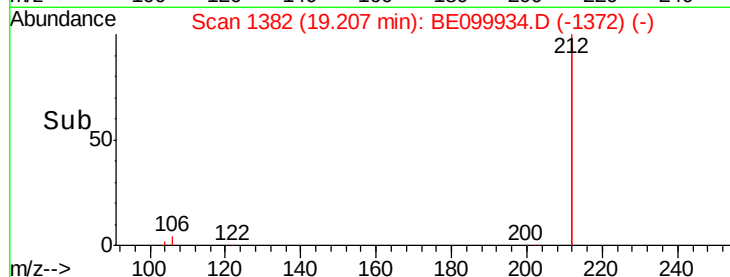
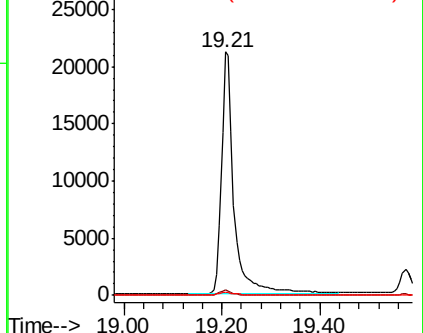
104 1.2 0.9 1.3



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: 21.35 min Scan# 1629

Delta R.T. -0.05 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

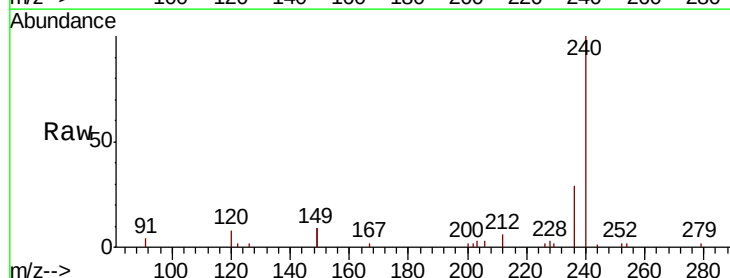
Tgt Ion:240 Resp: 8762

Ion Ratio Lower Upper

240 100

120 8.4 3.8 5.6#

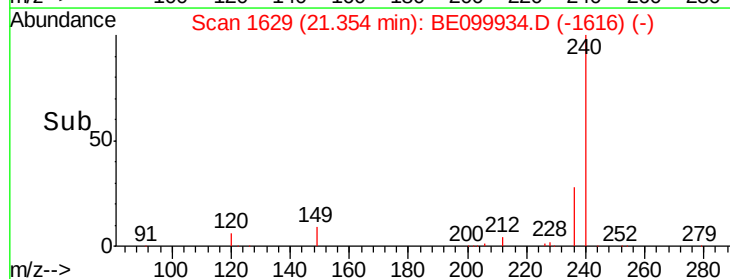
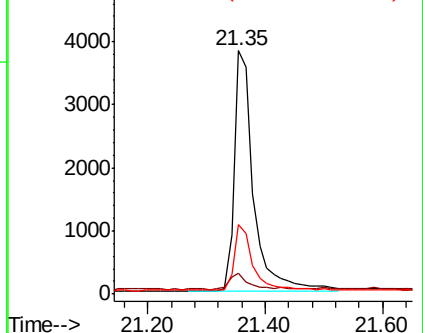
236 28.8 22.0 33.0

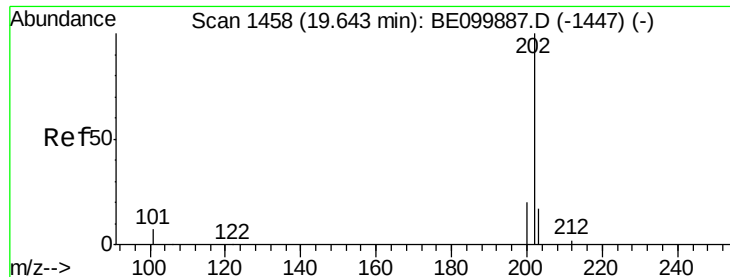


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

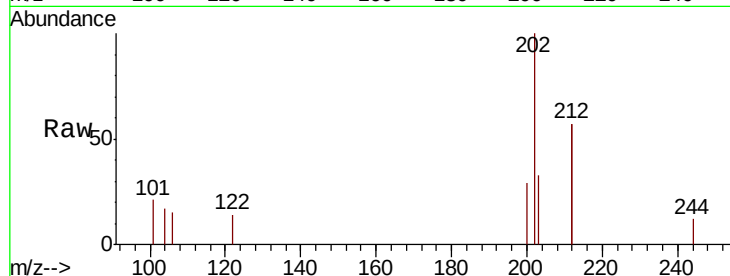




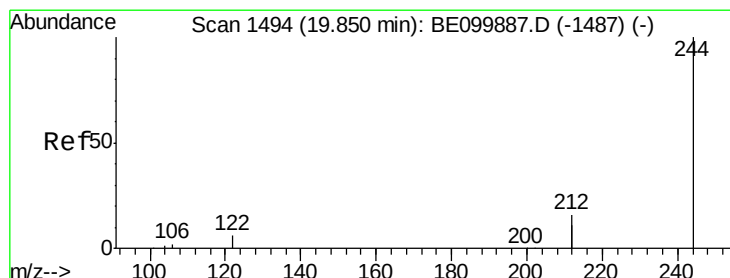
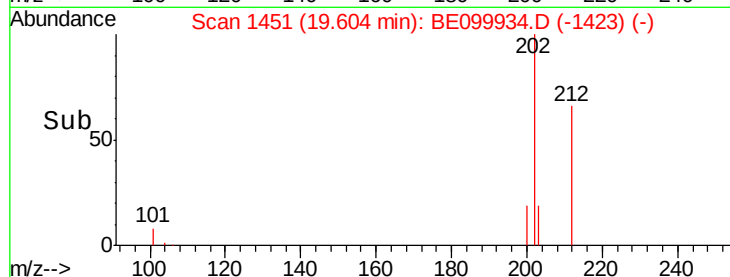
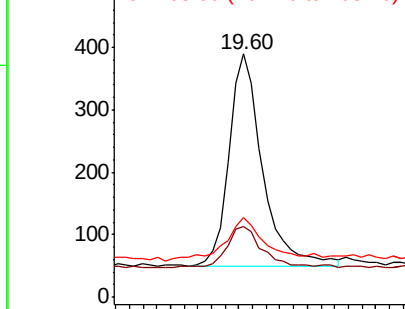
#28
Pvrene
Concen: 0.025 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.04 min
Lab File: BE099934.D
Acq: 11 Jun 2019 21:08

Instrument :
BNA_E
ClientSampleId :
RE117D2-20190603

Tot Ion:202 Resp: 580
Ion Ratio Lower Upper
202 100
200 21.0 15.5 23.3
203 25.7 14.0 21.0#

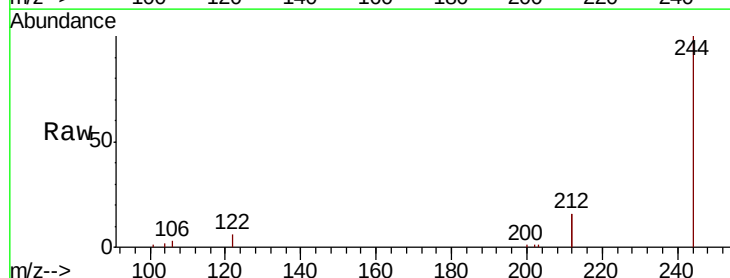


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

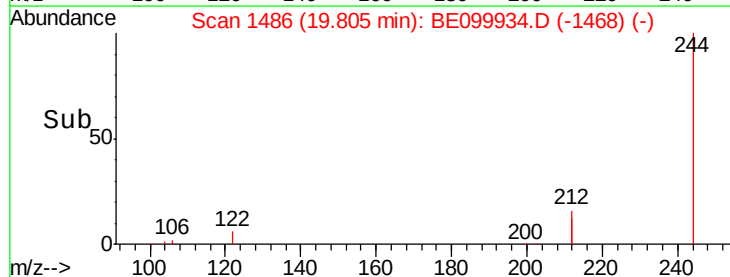
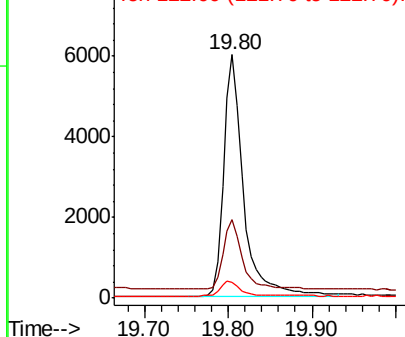


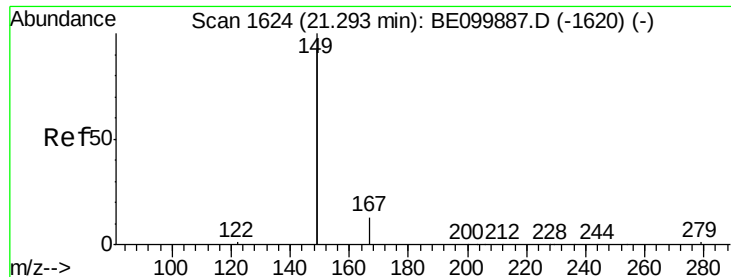
#29
Terphenyl-d14
Concen: 0.625 ng
RT: 19.80 min Scan# 1486
Delta R.T. -0.05 min
Lab File: BE099934.D
Acq: 11 Jun 2019 21:08

Tgt Ion:244 Resp: 9855
Ion Ratio Lower Upper
244 100
212 32.4 25.7 38.5
122 6.5 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: 0.194 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

Instrument :

BNA_E

ClientSampleId :

RE117D2-20190603

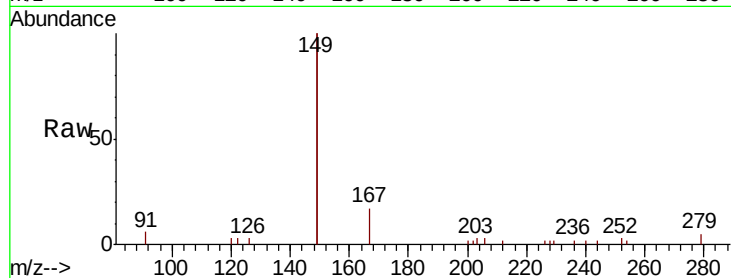
Tot Ion:149 Resp: 7276

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

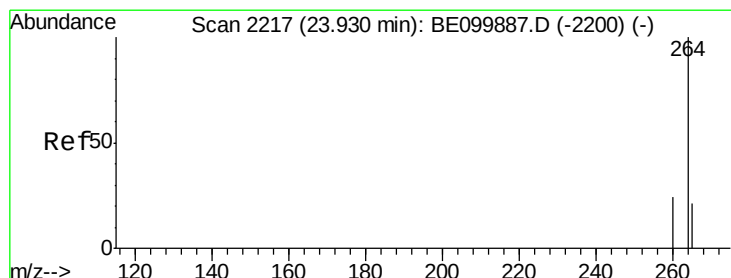
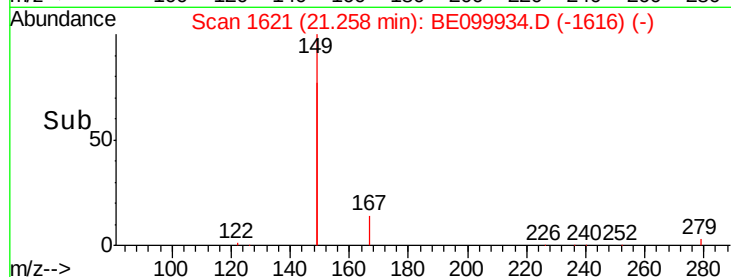
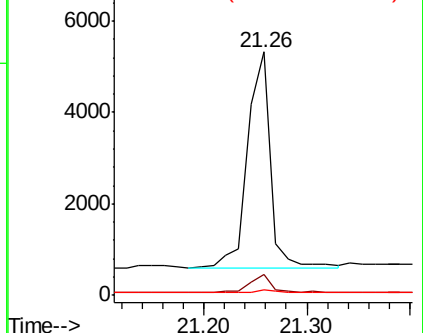
279 1.4 1.2 1.8



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

Perylene-d12

Concen: 0.400 ng

RT: 23.86 min Scan# 2196

Delta R.T. -0.07 min

Lab File: BE099934.D

Acq: 11 Jun 2019 21:08

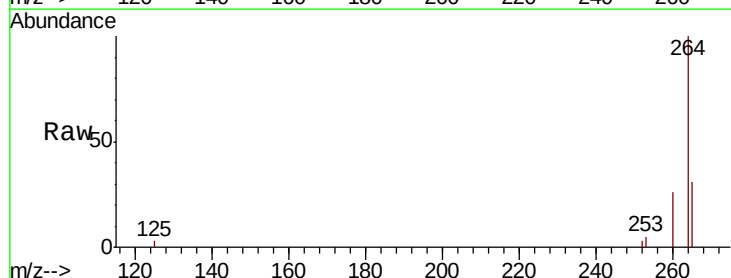
Tgt Ion:264 Resp: 9744

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 31.0 22.0 33.0



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

