

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
 Data File : BE099651.D
 Acq On : 17 May 2019 14:26
 Operator : JU/SJ
 Sample : K2838-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

Quant Time: May 17 15:36:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

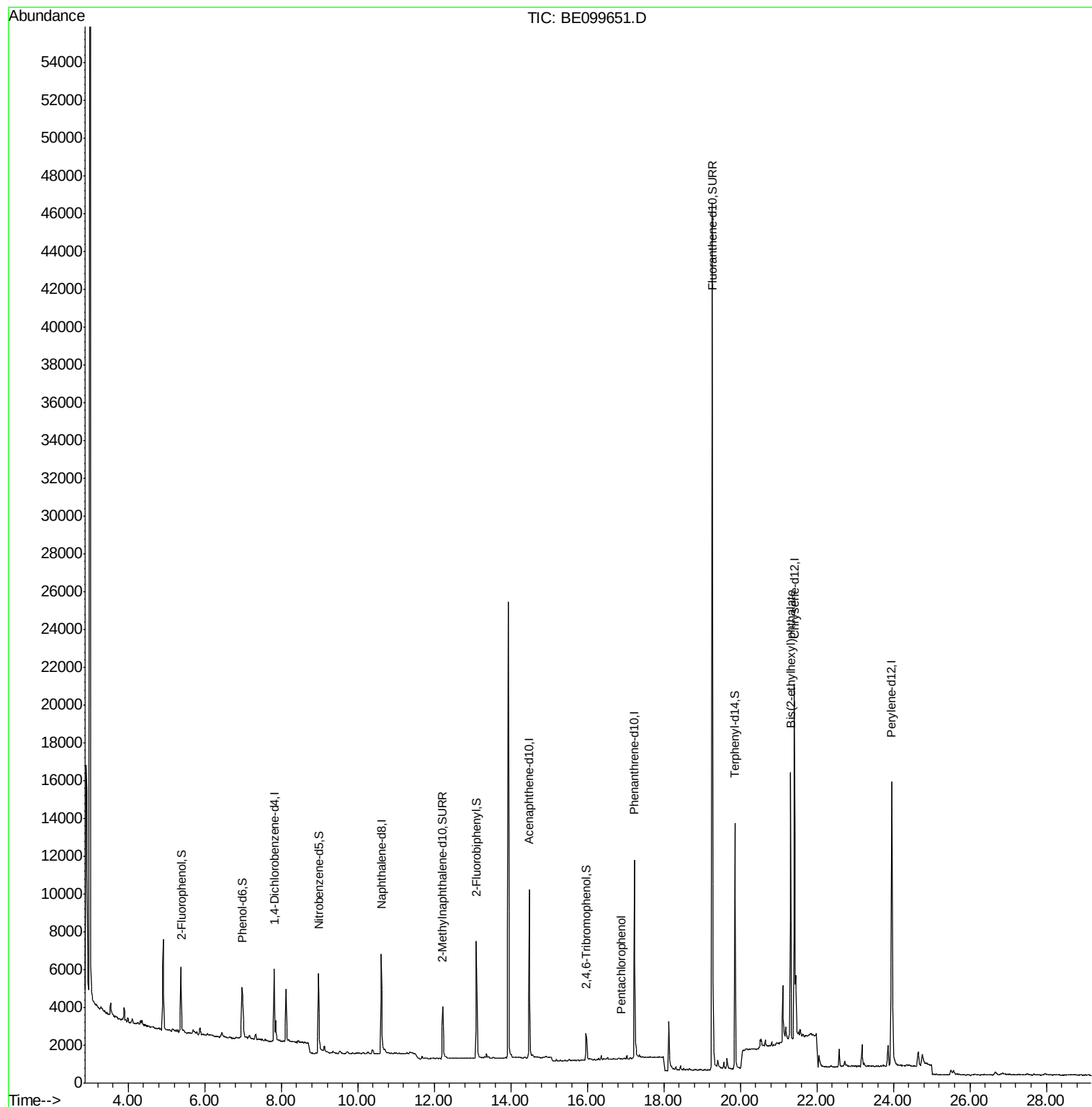
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2174	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	7363	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	5111	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	15847	0.40	ng	0.00
27) Chrysene-d12	21.41	240	20725	0.40	ng	0.00
34) Perylene-d12	23.96	264	24870	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2063	0.33	ng	0.00
5) Phenol-d6	6.97	99	3082	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	2338	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4330	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1105	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6388	0.32	ng	0.00
25) Fluoranthene-d10	19.26	212	64219	0.30	ng	0.00
29) Terphenyl-d14	19.86	244	12172	0.33	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.89	266	35	0.282	ng	Qvalue # 68
32) Bis(2-ethylhexyl)phthalate	21.32	149	15790	0.163	ng	99

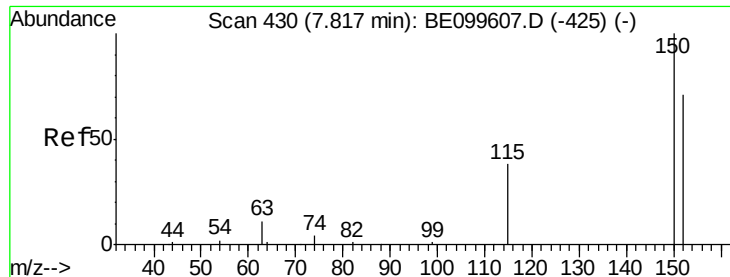
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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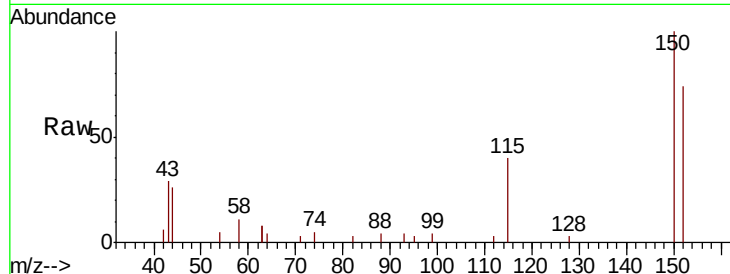


#1

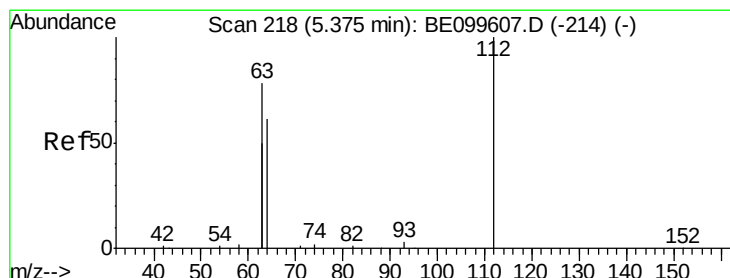
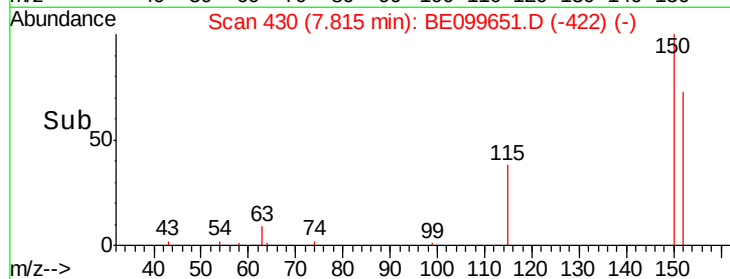
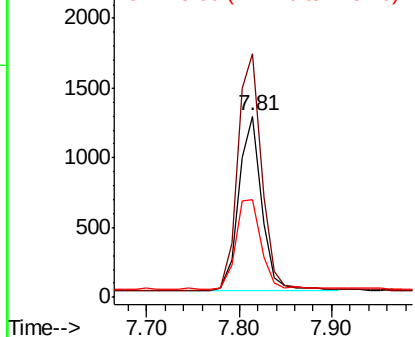
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099651.D
Acq: 17 May 2019 14:26

Instrument :
BNA_E
ClientSampleId :
FEBH-05(33-33.5)

Tot Ion:152 Resp: 2174
Ion Ratio Lower Upper
152 100
150 134.6 110.1 165.1
115 54.0 46.2 69.4



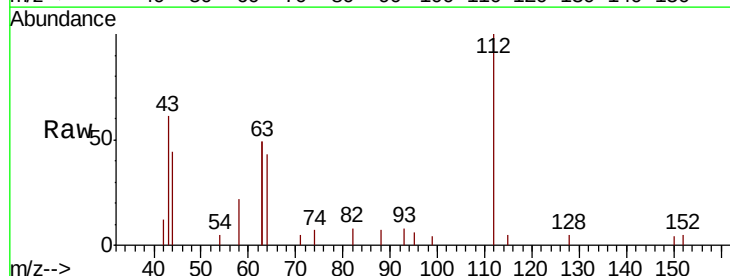
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



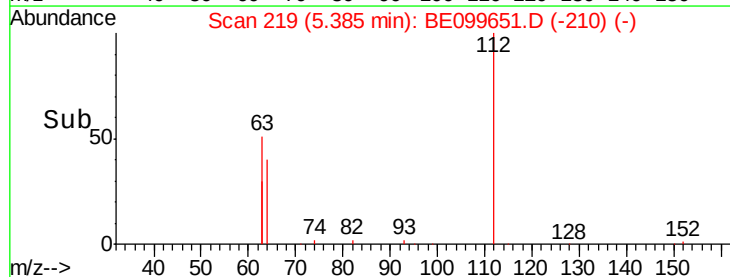
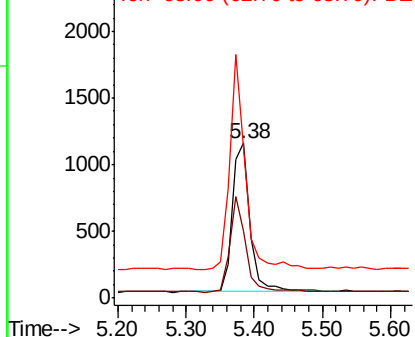
#4

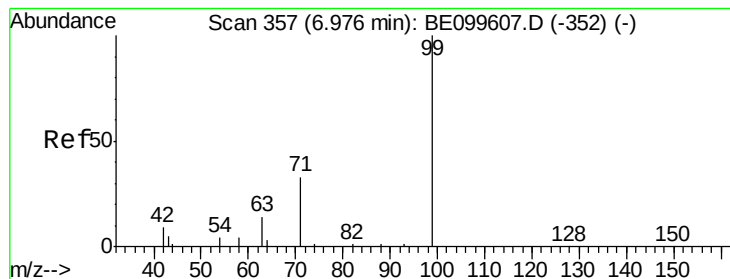
2-Fluorophenol
Concen: 0.334 ng
RT: 5.38 min Scan# 219
Delta R.T. 0.01 min
Lab File: BE099651.D
Acq: 17 May 2019 14:26

Tgt Ion:112 Resp: 2063
Ion Ratio Lower Upper
112 100
64 57.4 43.7 65.5
63 125.6 94.0 141.0



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: 0.394 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099651.D

Acq: 17 May 2019 14:26

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

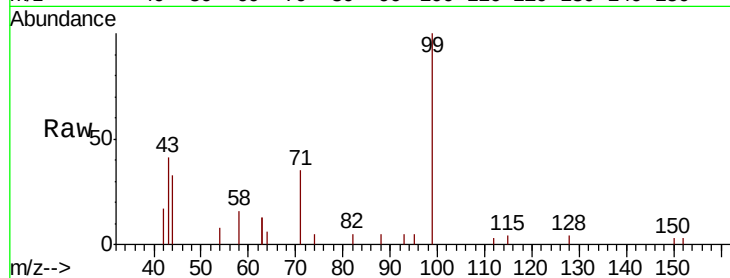
Tot Ion: 99 Resp: 3082

Ion Ratio Lower Upper

99 100

42 17.0 14.3 21.5

71 36.1 33.1 49.7

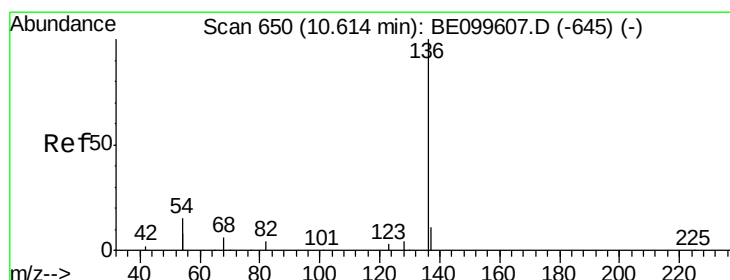
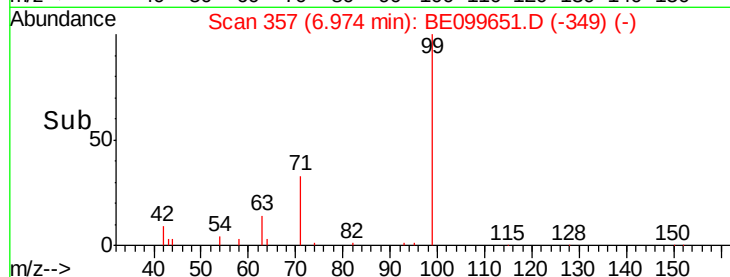
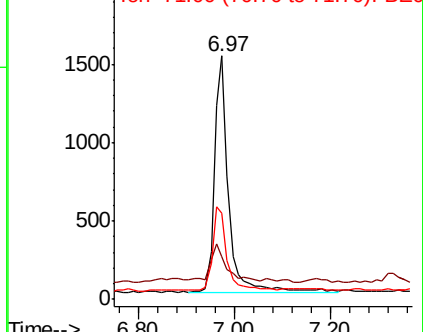


Abundance

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: 10.61 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099651.D

Acq: 17 May 2019 14:26

Tgt Ion: 136 Resp: 7363

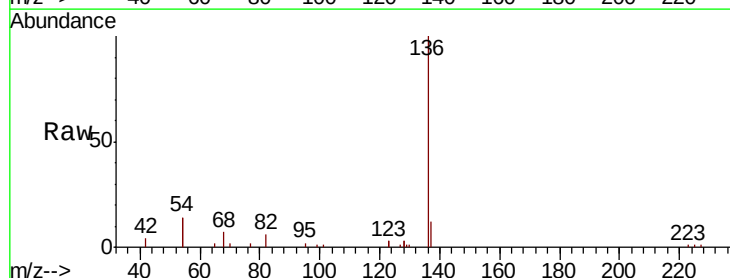
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 27.6 23.8 35.8

68 7.3 6.2 9.2



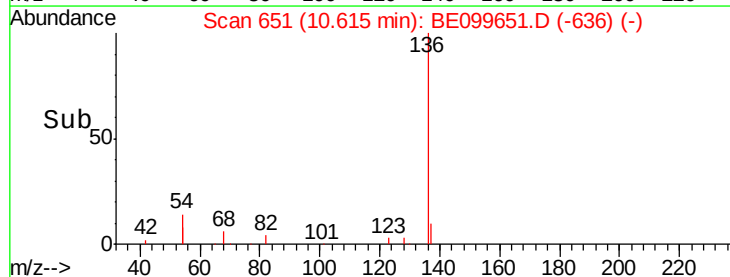
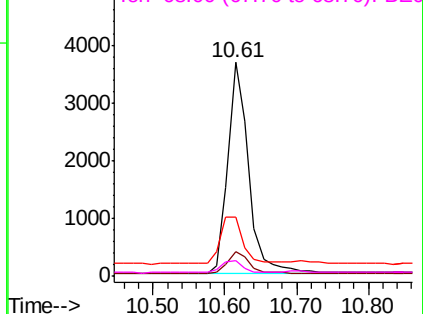
Abundance

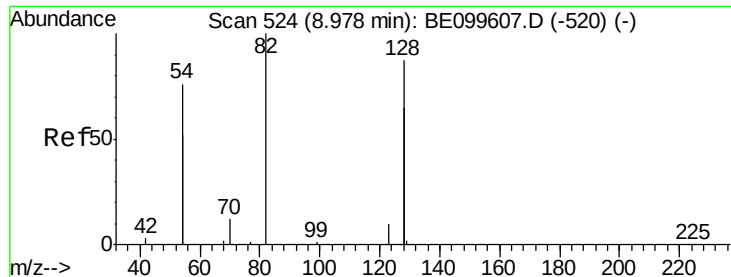
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 8.98 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099651.D

Acq: 17 May 2019 14:26

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

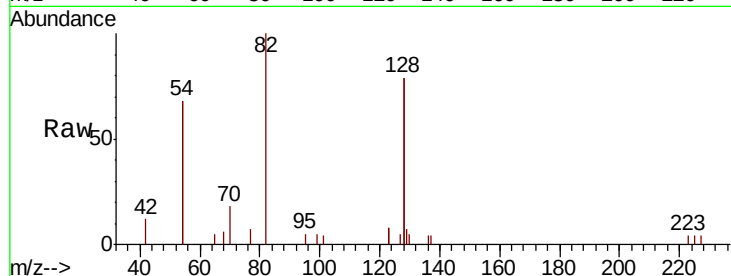
Tot Ion: 82 Resp: 2338

Ion Ratio Lower Upper

82 100

128 157.6 131.4 197.2

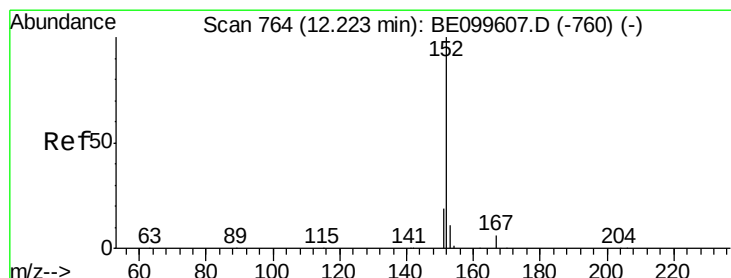
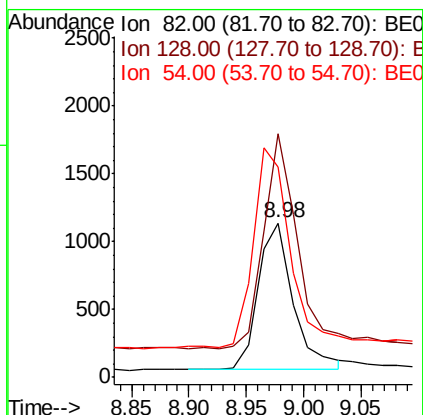
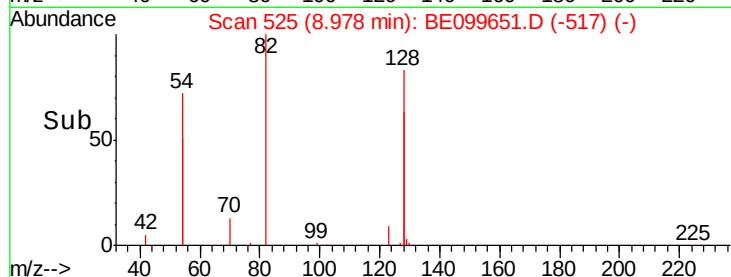
54 136.4 113.9 170.9



Abundance Ion 82.00 (81.70 to 82.70): BE099607.D (-520) (-)

Ion 128.00 (127.70 to 128.70): BE099607.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BE099607.D (-520) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.22 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE099651.D

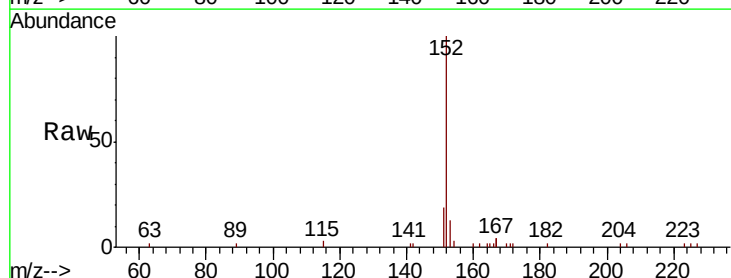
Acq: 17 May 2019 14:26

Tgt Ion: 152 Resp: 4330

Ion Ratio Lower Upper

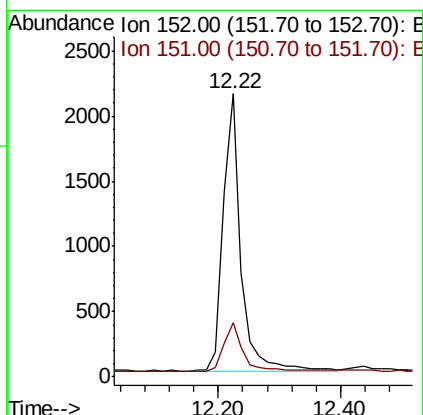
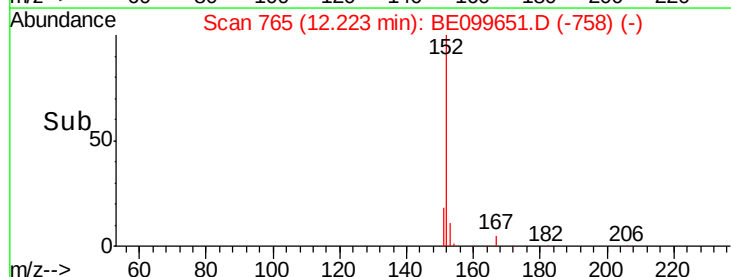
152 100

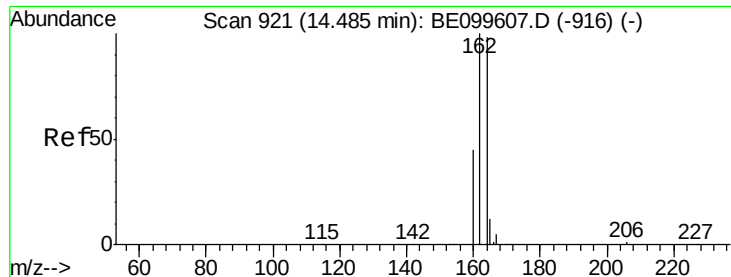
151 18.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): BE099607.D (-760) (-)

Ion 151.00 (150.70 to 151.70): BE099607.D (-760) (-)

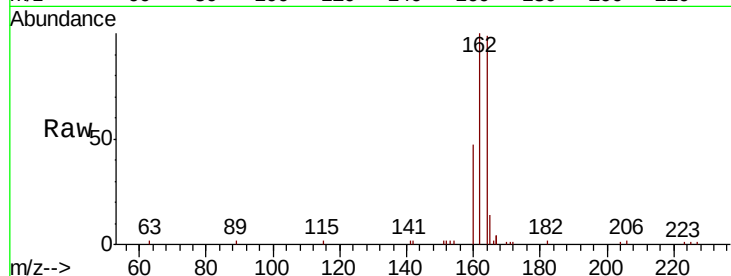




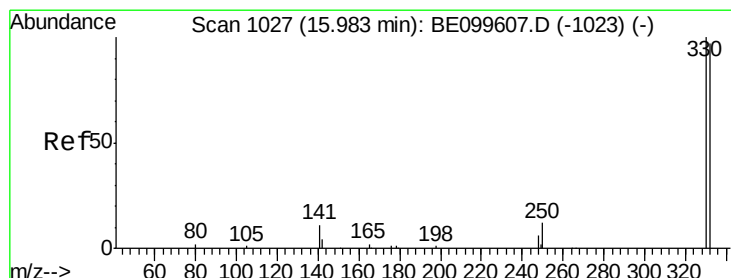
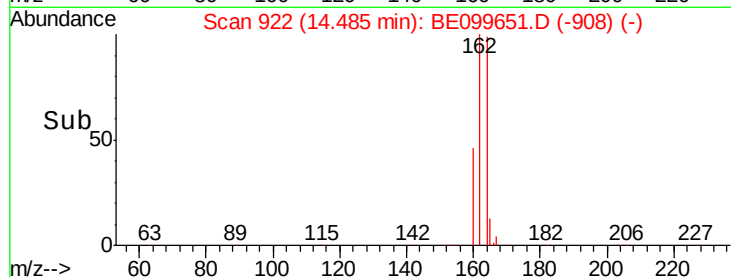
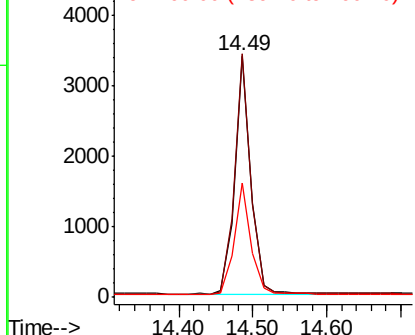
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099651.D
 Acq: 17 May 2019 14:26

Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

Tot Ion:164 Resp: 5111
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.4 122.0
 160 47.3 37.4 56.2

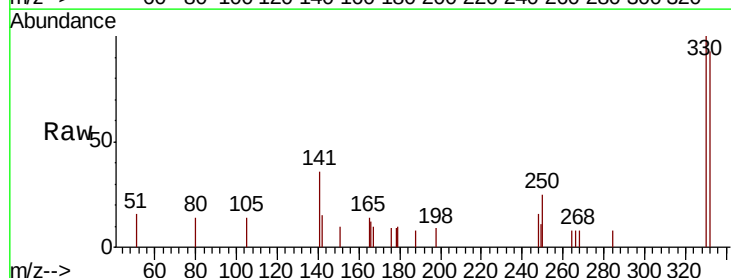


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

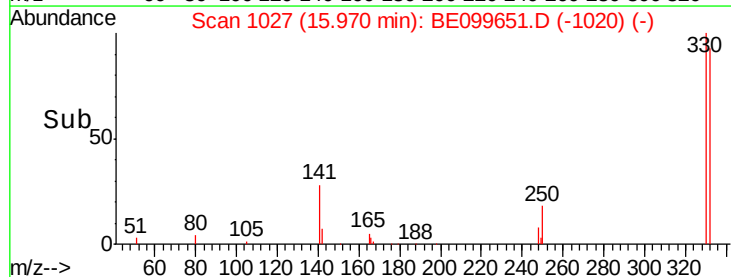
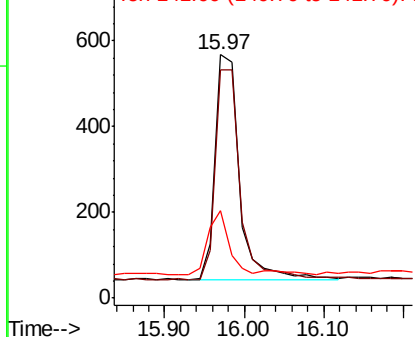


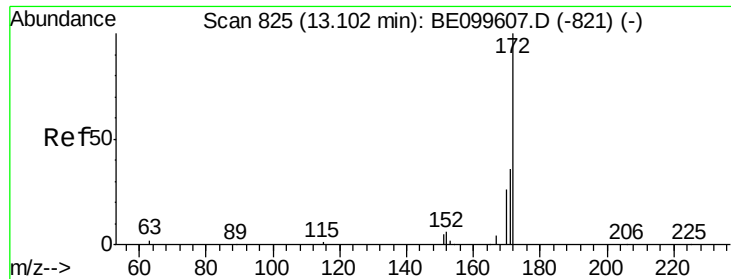
#14
 2,4,6-Tribromophenol
 Concen: 0.316 ng
 RT: 15.97 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BE099651.D
 Acq: 17 May 2019 14:26

Tgt Ion:330 Resp: 1105
 Ion Ratio Lower Upper
 330 100
 332 94.7 73.8 110.8
 141 24.1 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

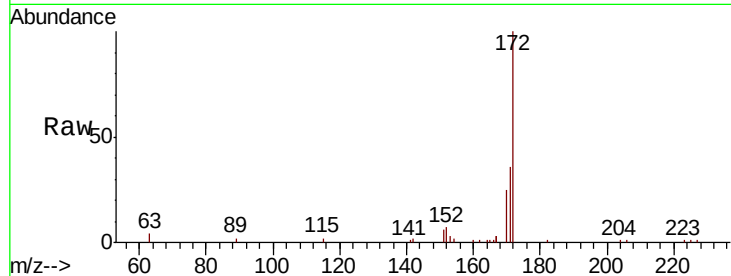




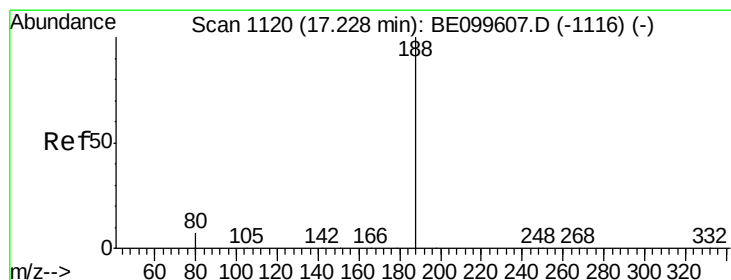
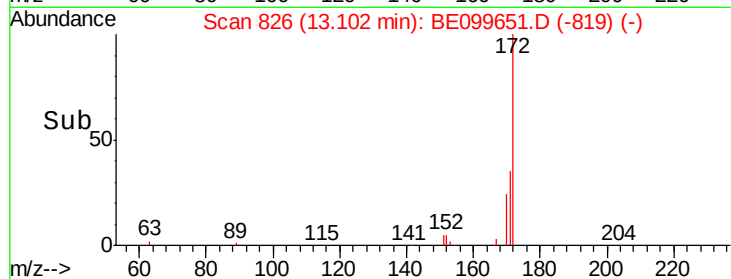
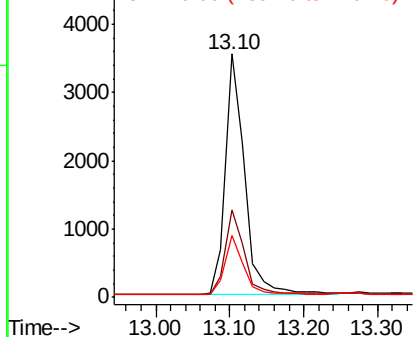
#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 13.10 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099651.D
Acq: 17 May 2019 14:26

Instrument :
BNA_E
ClientSampleId :
FEBH-05(33-33.5)

Tot Ion:172 Resp: 6388
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.2
170 25.4 21.5 32.3

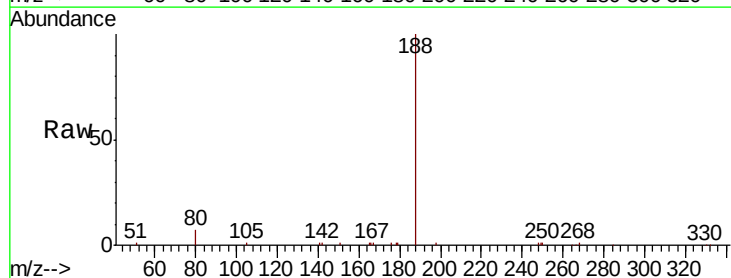


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

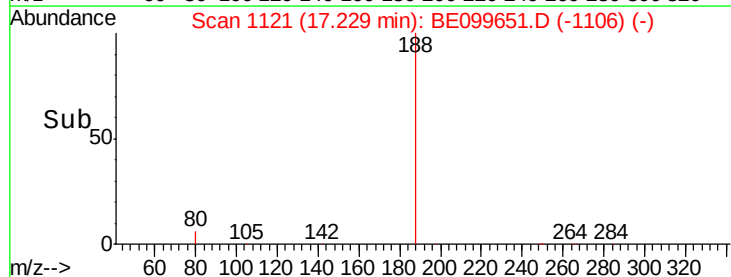
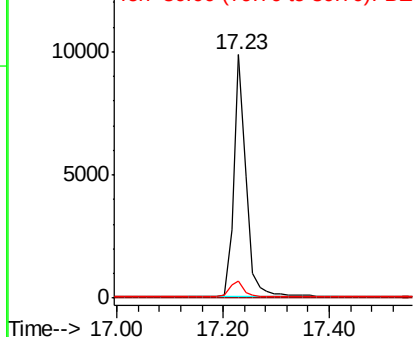


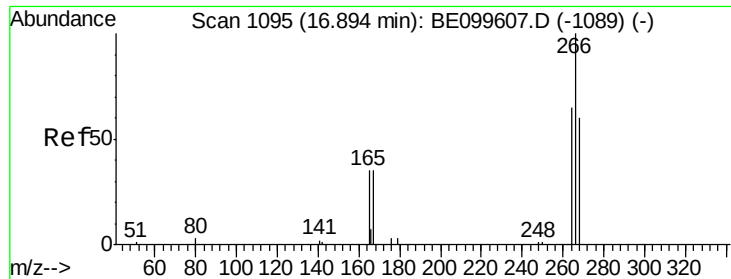
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099651.D
Acq: 17 May 2019 14:26

Tgt Ion:188 Resp: 15847
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 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

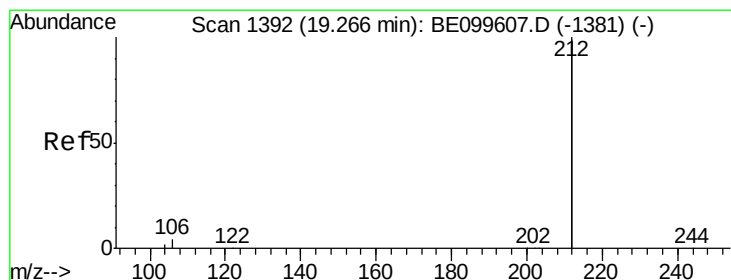
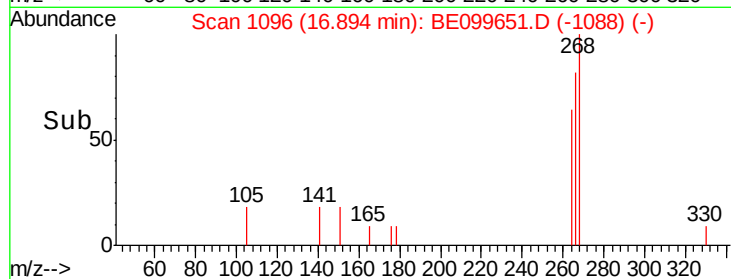
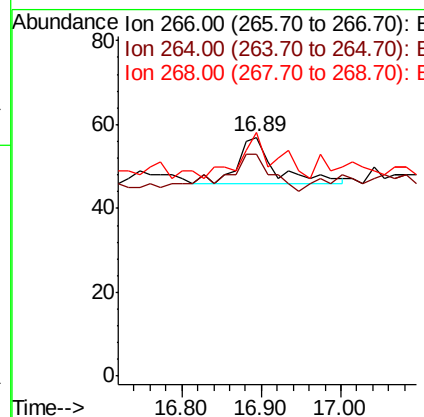
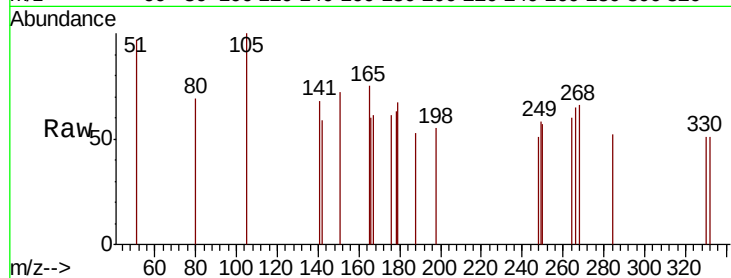




#22
 Pentachlorophenol
 Concen: 0.282 ng
 RT: 16.89 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BE099651.D
 Acq: 17 May 2019 14:26

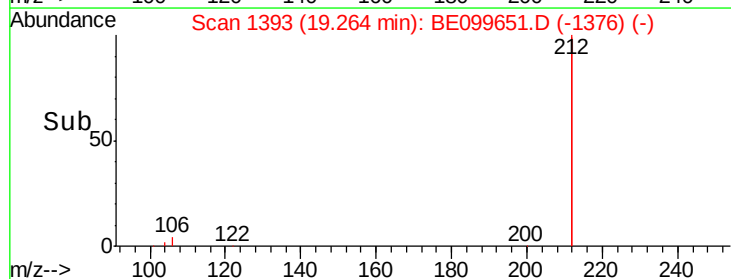
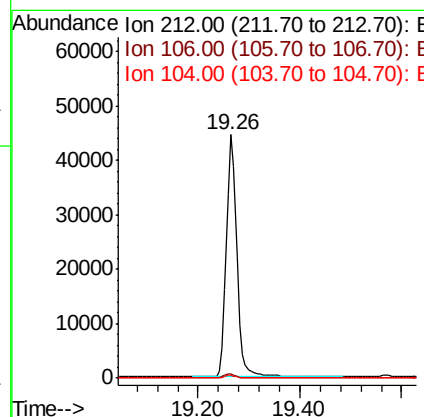
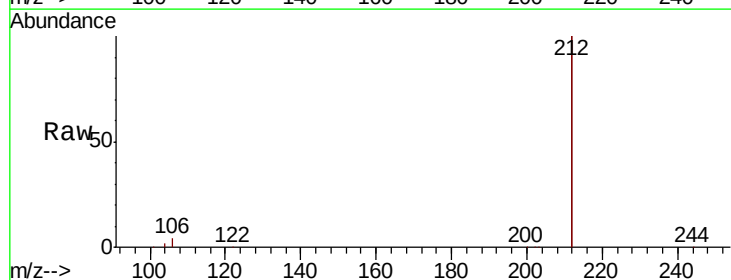
Instrument :
 BNA_E
 ClientSampleId :
 FEBH-05(33-33.5)

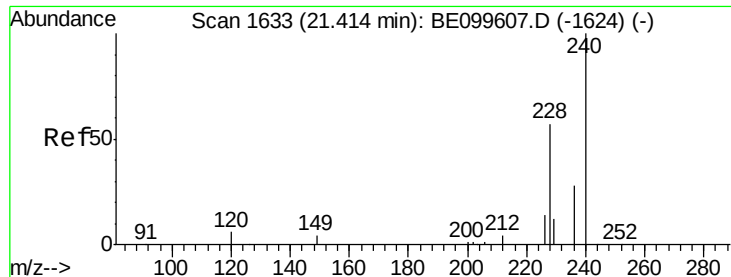
Tot Ion	Ratio	Lower	Upper
266	100		
264	93.0	57.7	86.5#
268	101.8	55.8	83.8#



#25
 Fluoranthene-d10
 Concen: 0.305 ng
 RT: 19.26 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BE099651.D
 Acq: 17 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099651.D

Acq: 17 May 2019 14:26

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

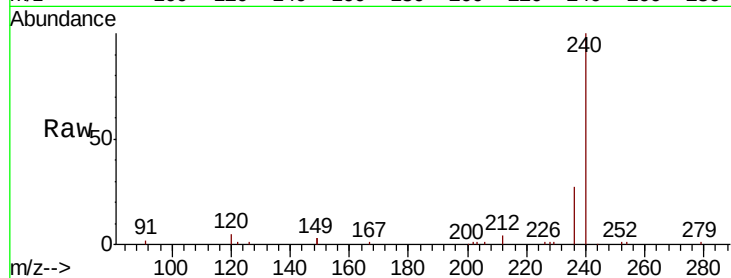
Tot Ion:240 Resp: 20725

Ion Ratio Lower Upper

240 100

120 5.2 5.7 8.5#

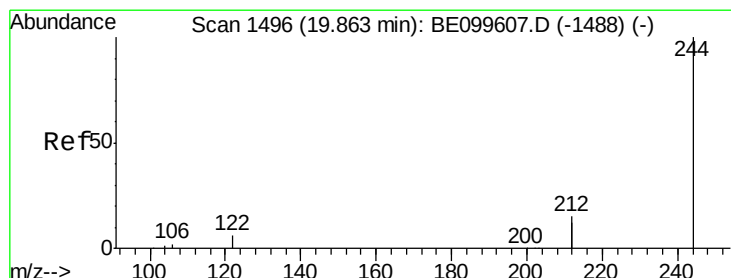
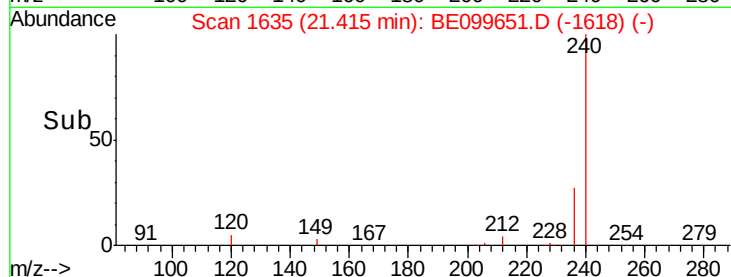
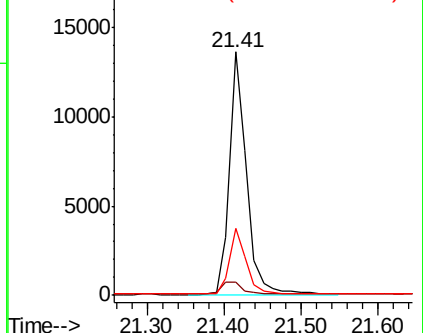
236 27.4 22.8 34.2



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: 0.326 ng

RT: 19.86 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099651.D

Acq: 17 May 2019 14:26

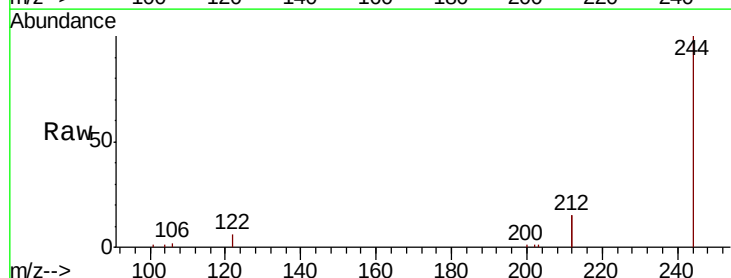
Tgt Ion:244 Resp: 12172

Ion Ratio Lower Upper

244 100

212 29.3 23.8 35.6

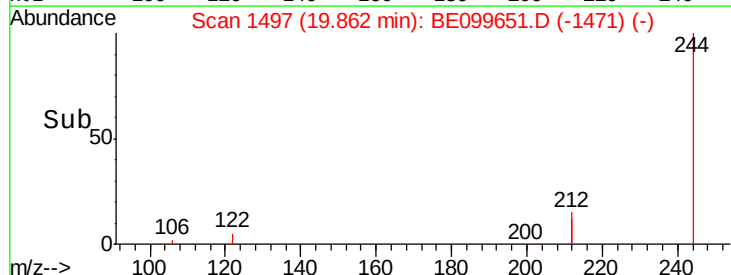
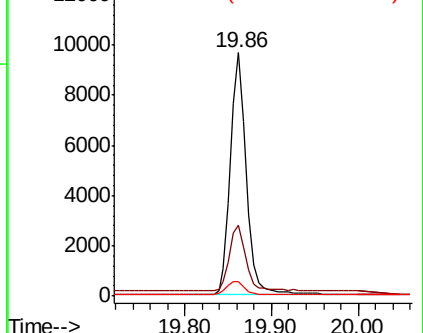
122 6.0 5.0 7.6

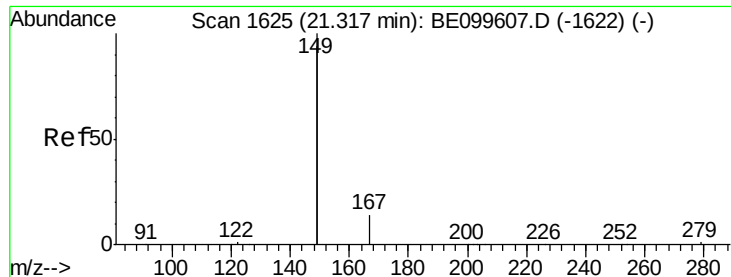


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.163 ng

RT: 21.32 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE099651.D

Acq: 17 May 2019 14:26

Instrument :

BNA_E

ClientSampleId :

FEBH-05(33-33.5)

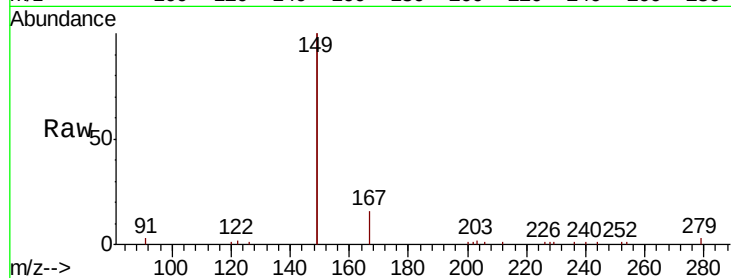
Tot Ion:149 Resp: 15790

Ion Ratio Lower Upper

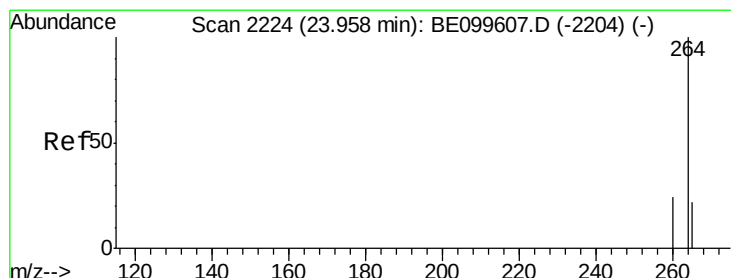
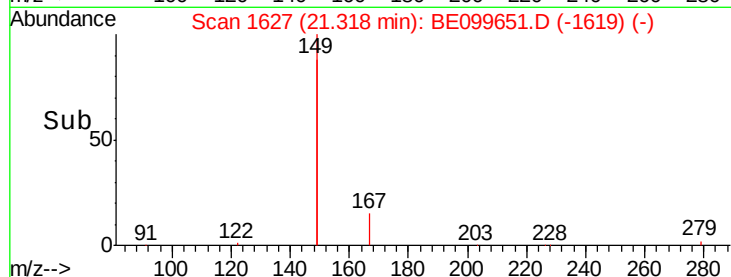
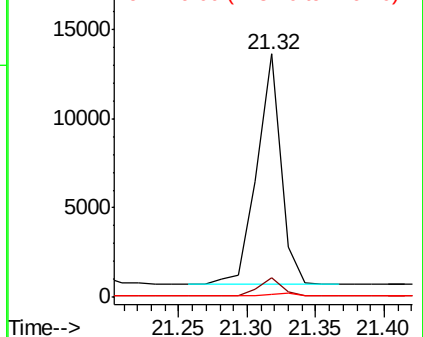
149 100

167 7.8 6.0 9.0

279 1.4 1.1 1.7



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: 23.96 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099651.D

Acq: 17 May 2019 14:26

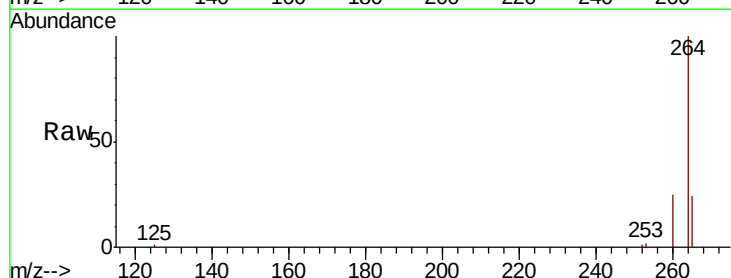
Tgt Ion:264 Resp: 24870

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 24.4 21.2 31.8



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

