

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099404.D
 Acq On : 27 Apr 2019 7:19
 Operator : JU/SJ
 Sample : K2568-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-023-B180-042319

Quant Time: Apr 29 00:57:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

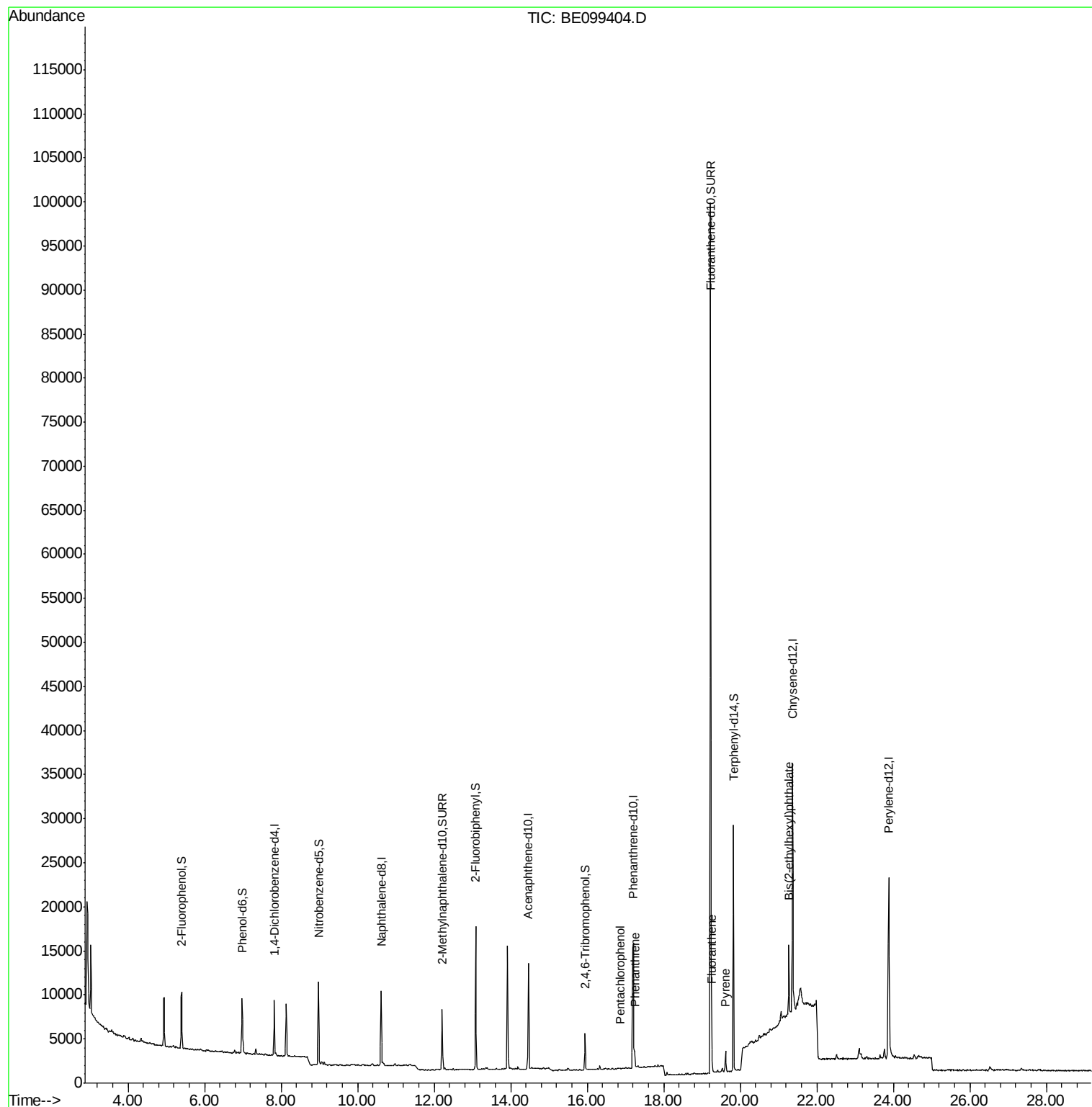
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3043	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	11261	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	8398	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	24011	0.40	ng	0.01
27) Chrysene-d12	21.37	240	28027	0.40	ng	0.00
34) Perylene-d12	23.88	264	31976	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3858	0.52	ng	0.01
5) Phenol-d6	6.98	99	5598	0.53	ng	0.00
8) Nitrobenzene-d5	8.98	82	4698	0.54	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	8837	0.44	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2432	0.87	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13507	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	126165	0.44	ng	0.00
29) Terphenyl-d14	19.82	244	25631	0.46	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.85	266	30	0.226	ng	Qvalue # 73
23) Phenanthrene	17.24	178	2365	0.037	ng	# 98
26) Fluoranthene	19.25	202	2207	0.026	ng	# 91
28) Pyrene	19.62	202	2115	0.026	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.27	149	9578	0.128	ng	# 98

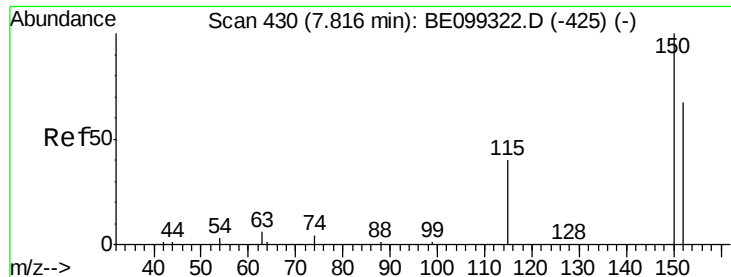
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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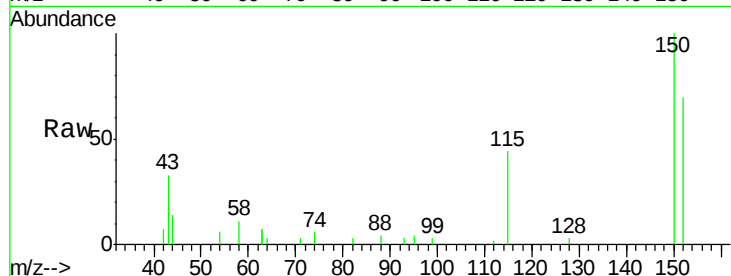


#1

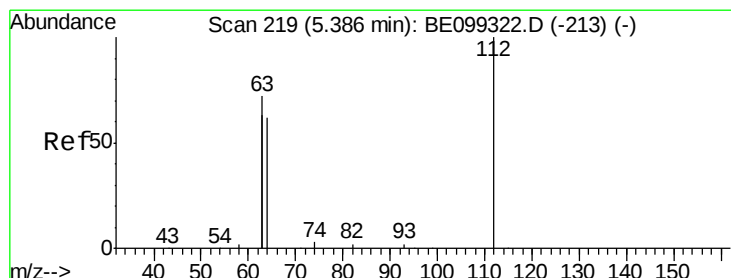
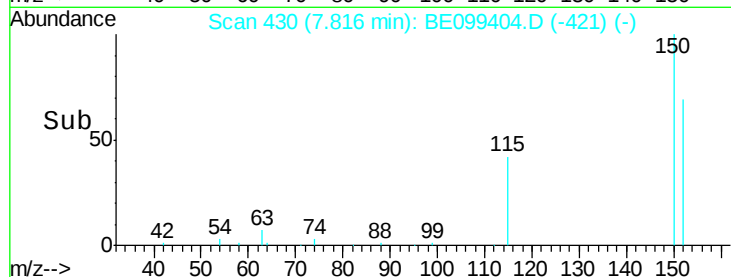
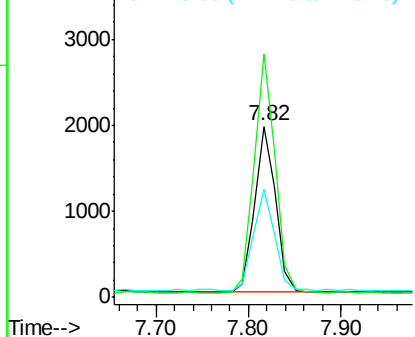
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099404.D
Acq: 27 Apr 2019 7:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B180-042319

Tot Ion:152 Resp: 3043
Ion Ratio Lower Upper
152 100
150 142.5 119.5 179.3
115 63.2 47.5 71.3



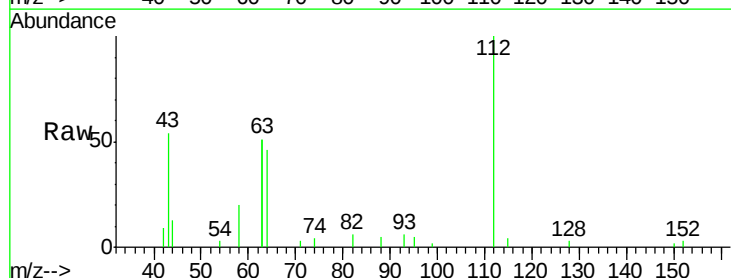
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



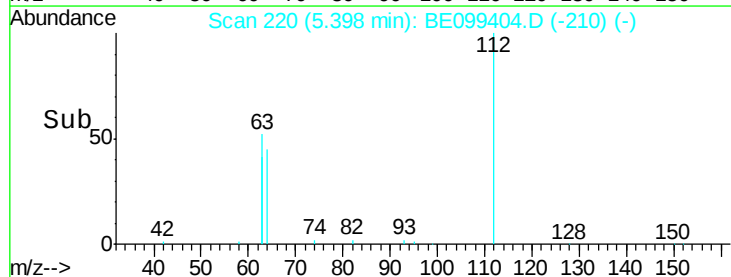
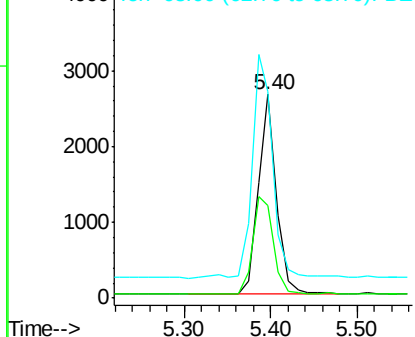
#4

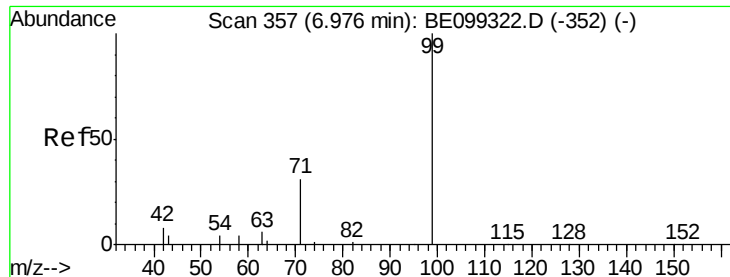
2-Fluorophenol
Concen: 0.519 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099404.D
Acq: 27 Apr 2019 7:19

Tgt Ion:112 Resp: 3858
Ion Ratio Lower Upper
112 100
64 56.4 44.9 67.3
63 127.7 97.4 146.0



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: 0.528 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

Instrument :

BNA_E

ClientSampleId :

PST-023-B180-042319

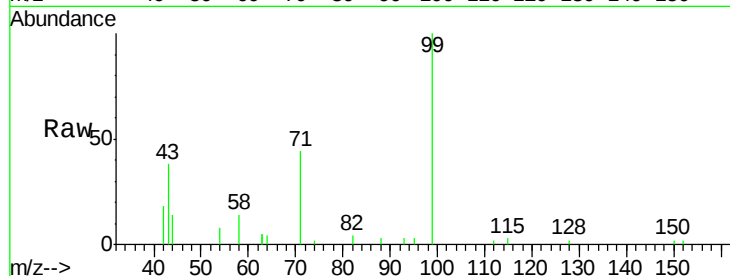
Tot Ion: 99 Resp: 5598

Ion Ratio Lower Upper

99 100

42 17.9 11.7 17.5#

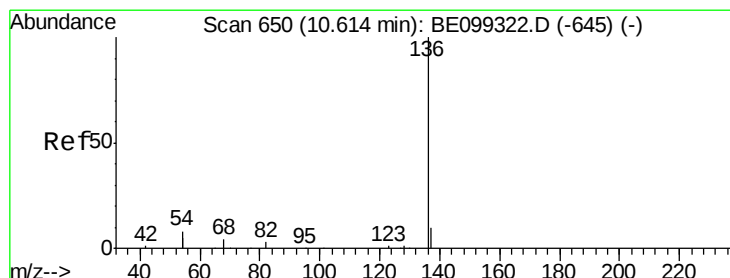
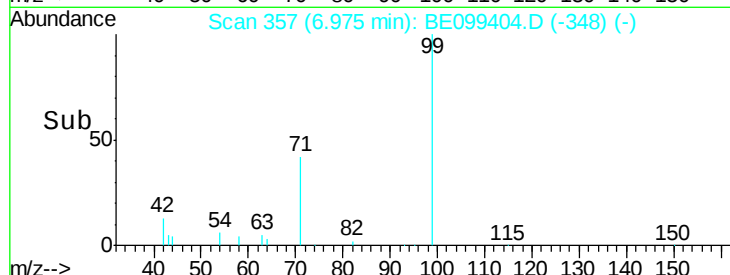
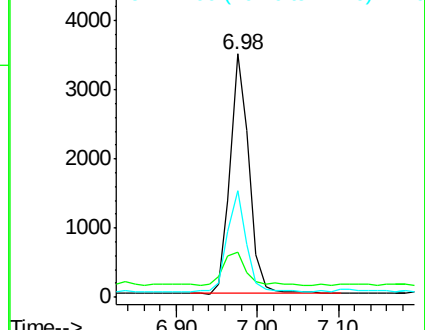
71 43.1 29.6 44.4



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# 650

Delta R.T. 0.01 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

Tgt Ion: 136 Resp: 11261

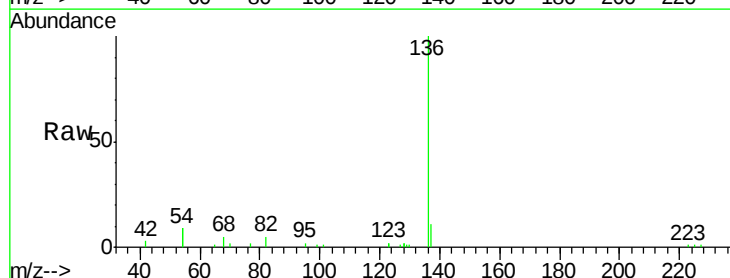
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 18.0 23.8 35.8#

68 4.6 6.4 9.6#

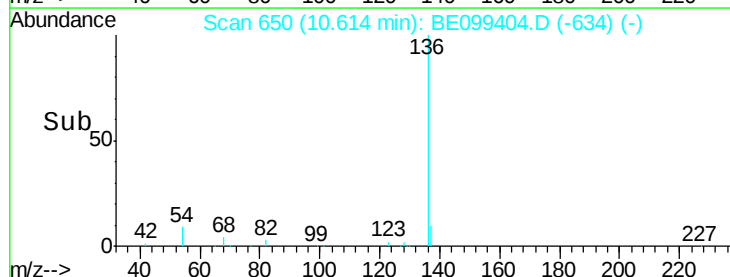
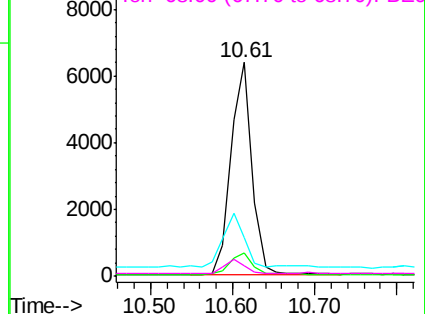


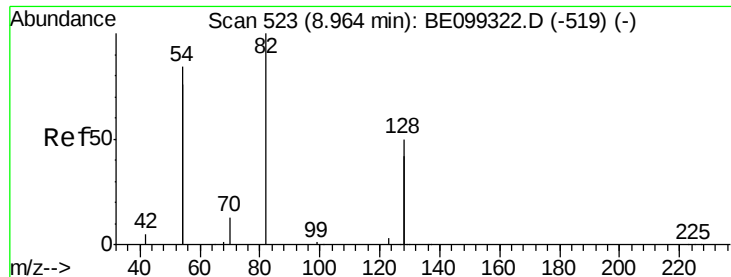
Abundance Ion 136.00 (135.70 to 136.70): E

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

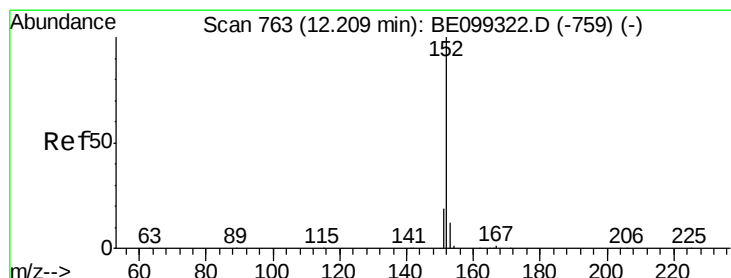
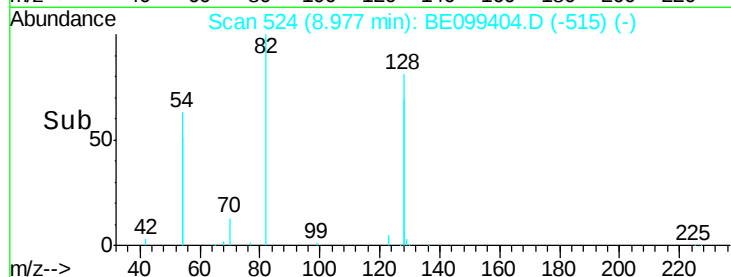
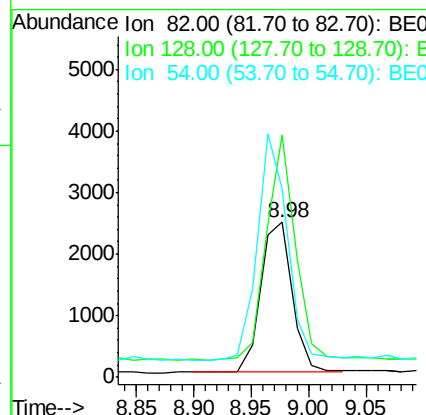
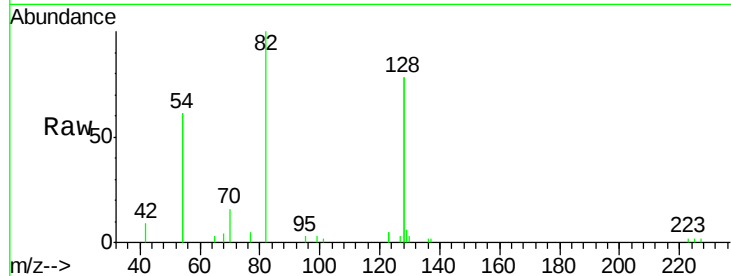




#8
 Nitrobenzene-d5
 Concen: 0.537 ng
 RT: 8.98 min Scan# 524
 Delta R.T. 0.01 min
 Lab File: BE099404.D
 Acq: 27 Apr 2019 7:19

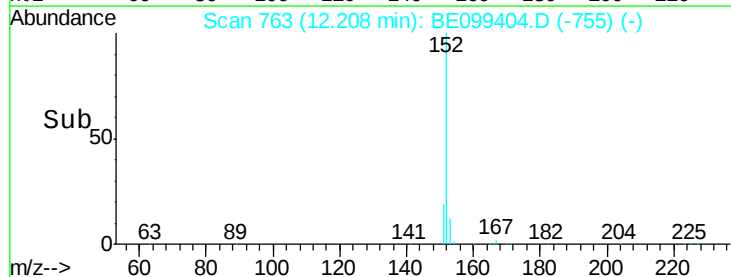
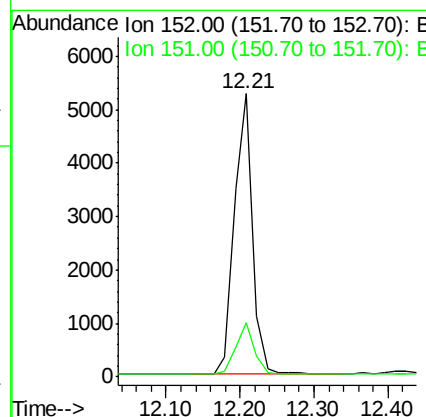
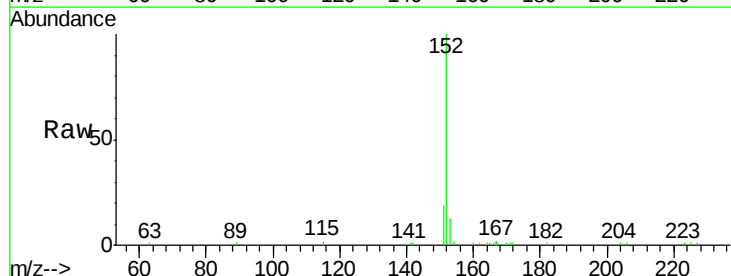
Instrument :
 BNA_E
 ClientSampleId :
 PST-023-B180-042319

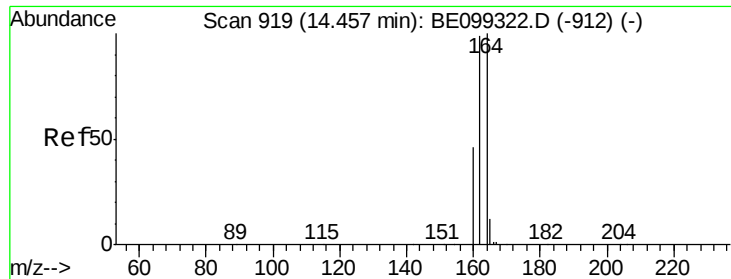
Tot Ion: 82 Resp: 4698
 Ion Ratio Lower Upper
 82 100
 128 156.4 91.7 137.5#
 54 122.1 122.8 184.2#



#11
 2-Methylnaphthalene-d10
 Concen: 0.445 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099404.D
 Acq: 27 Apr 2019 7:19

Tgt Ion: 152 Resp: 8837
 Ion Ratio Lower Upper
 152 100
 151 18.9 14.9 22.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

Instrument :

BNA_E

ClientSampleId :

PST-023-B180-042319

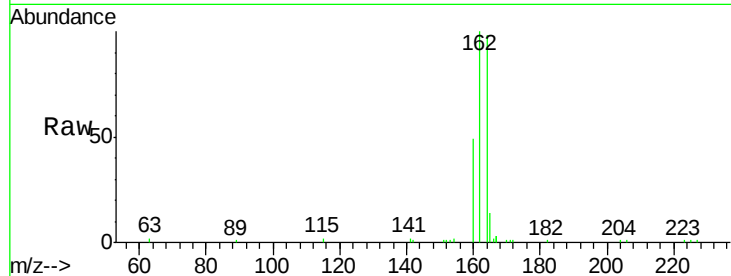
Tot Ion:164 Resp: 8398

Ion Ratio Lower Upper

164 100

162 102.4 77.8 116.6

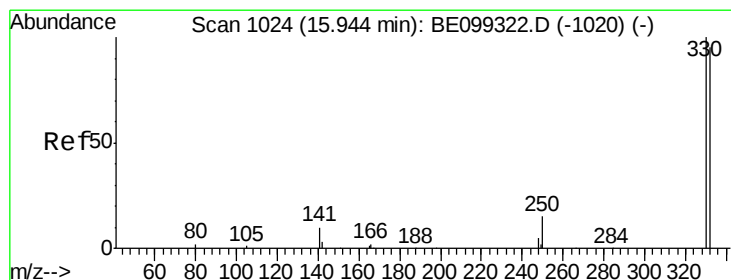
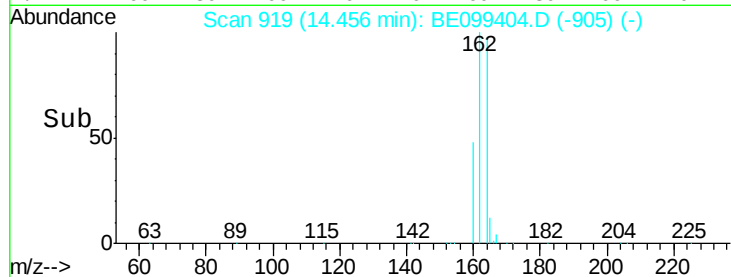
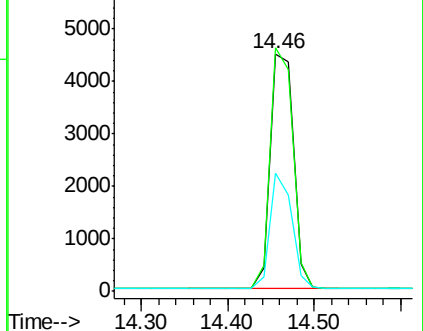
160 49.8 37.1 55.7



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: 0.872 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

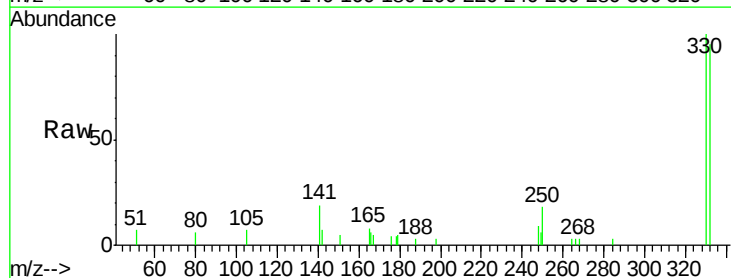
Tgt Ion:330 Resp: 2432

Ion Ratio Lower Upper

330 100

332 94.9 82.5 123.7

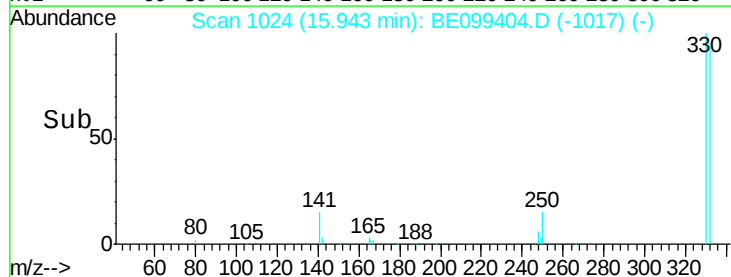
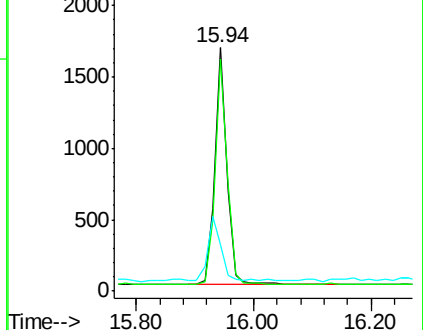
141 28.2 24.9 37.3

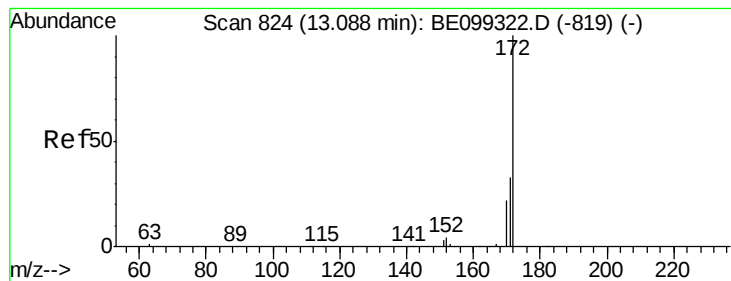


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

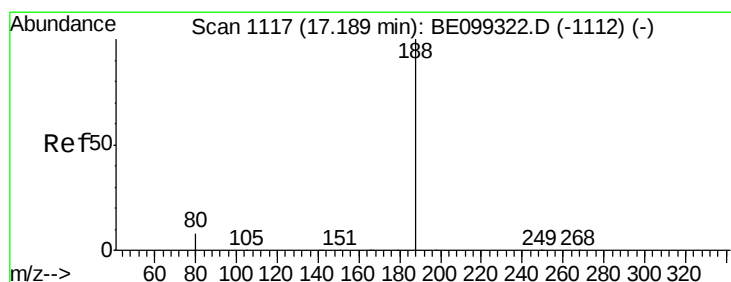
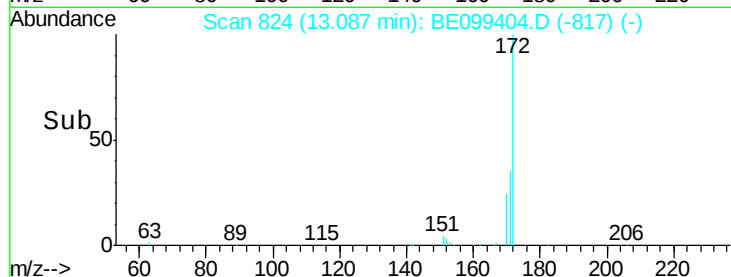
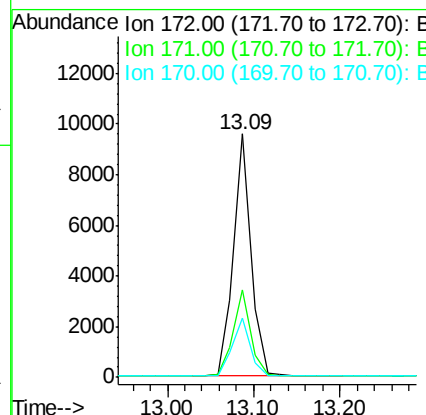
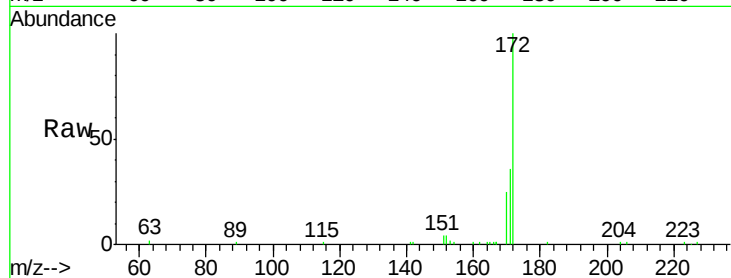




#15
 2-Fluorobiphenyl
 Concen: 0.409 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099404.D
 Acq: 27 Apr 2019 7:19

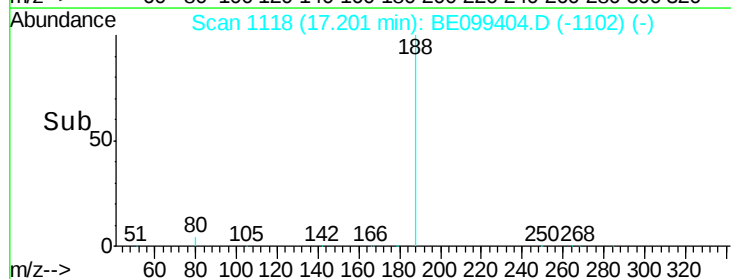
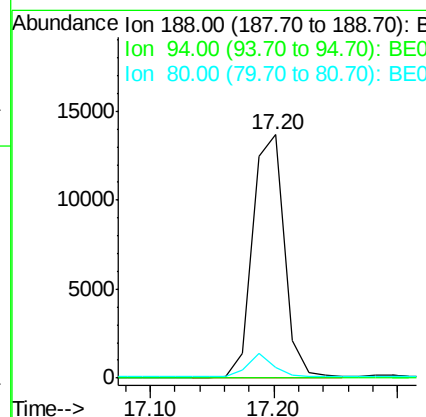
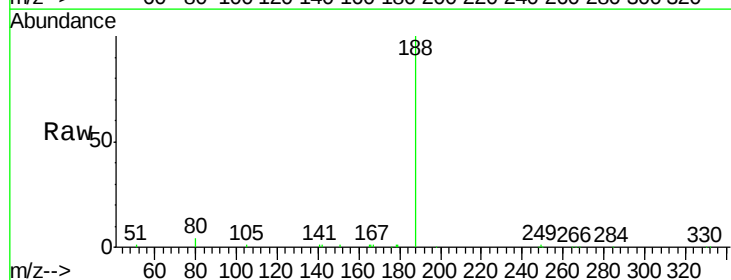
Instrument :
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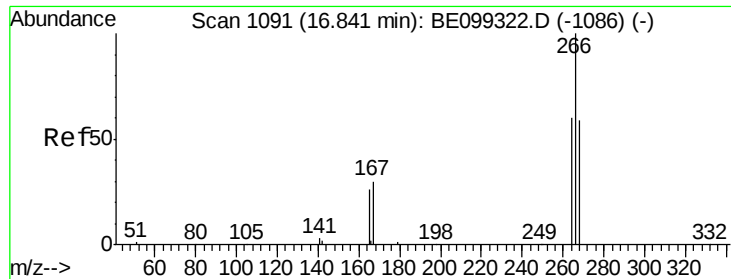
Tot Ion:172 Resp: 13507
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.2 39.2
 170 24.6 18.1 27.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BE099404.D
 Acq: 27 Apr 2019 7:19

Tgt Ion:188 Resp: 24011
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 4.5 6.2 9.4#





#22

Pentachlorophenol

Concen: 0.226 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

Instrument :

BNA_E

ClientSampleId :

PST-023-B180-042319

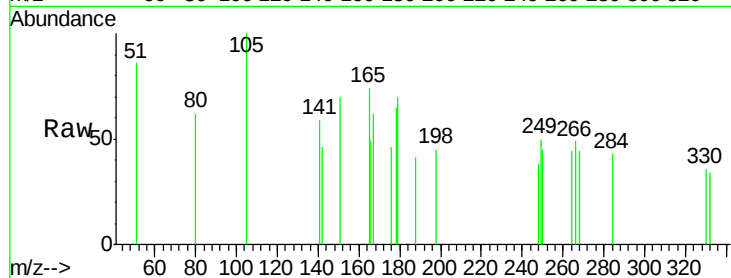
Tot Ion:266 Resp: 30

Ion Ratio Lower Upper

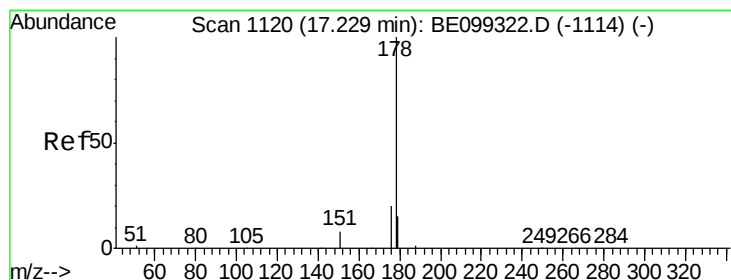
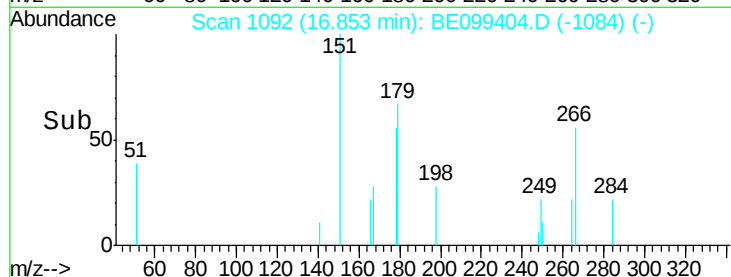
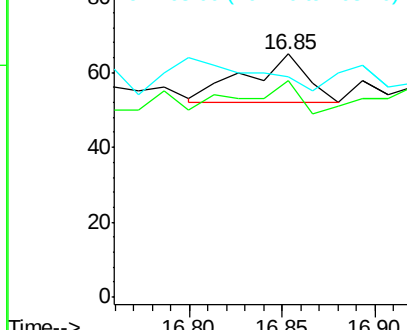
266 100

264 89.2 54.5 81.7#

268 90.8 54.3 81.5#



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



#23

Phenanthrene

Concen: 0.037 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

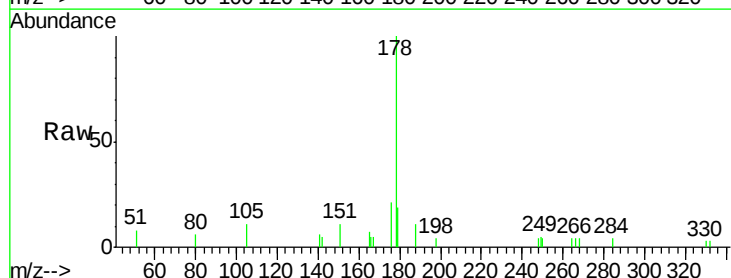
Tgt Ion:178 Resp: 2365

Ion Ratio Lower Upper

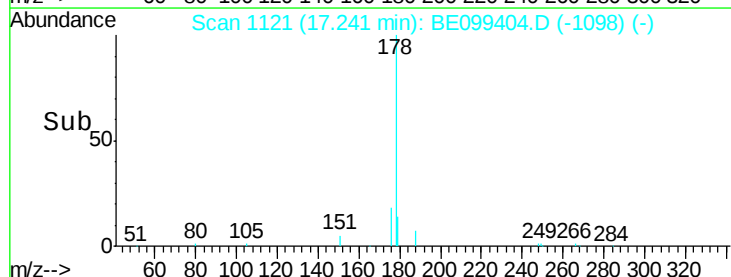
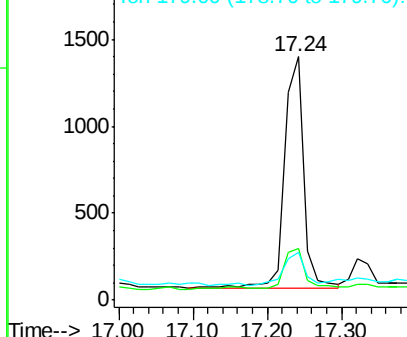
178 100

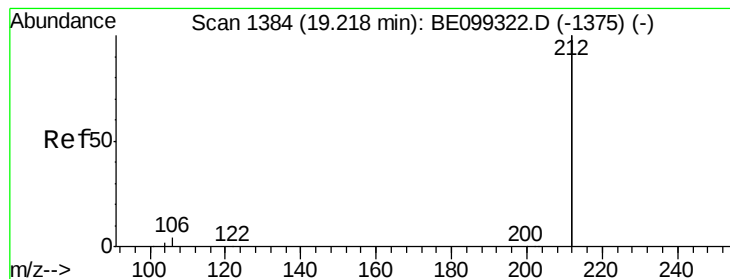
176 18.3 15.3 22.9

179 16.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.437 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

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PST-023-B180-042319

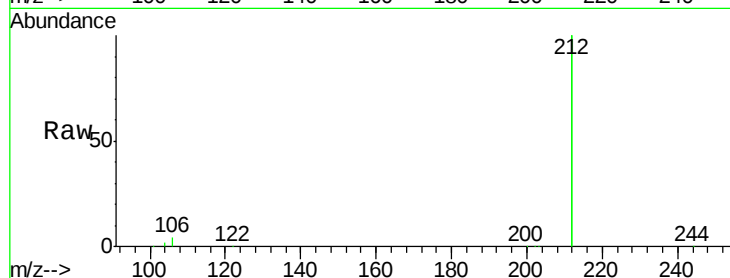
Tot Ion:212 Resp: 126165

Ion Ratio Lower Upper

212 100

106 1.8 1.8 2.6

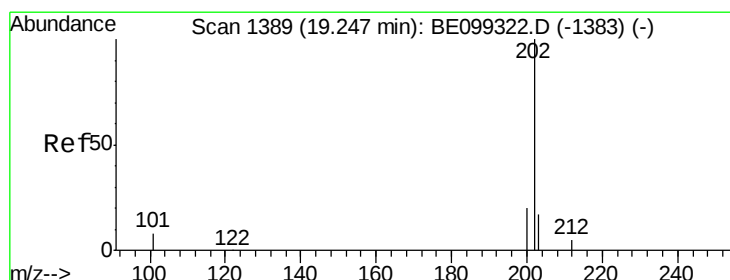
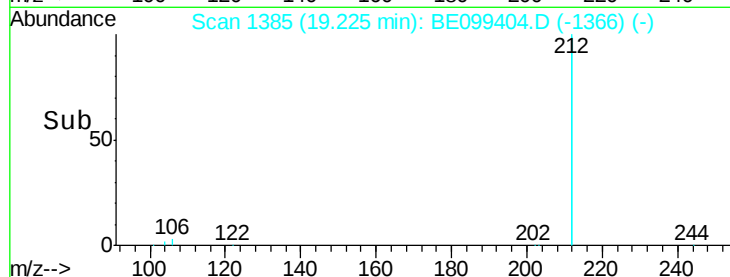
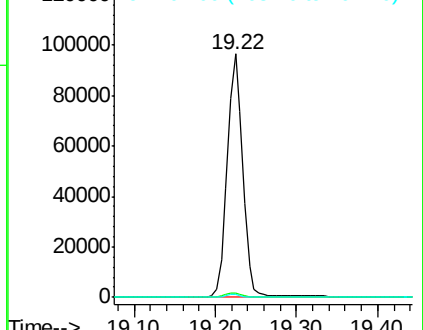
104 1.1 1.0 1.4



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



#26

Fluoranthene

Concen: 0.026 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

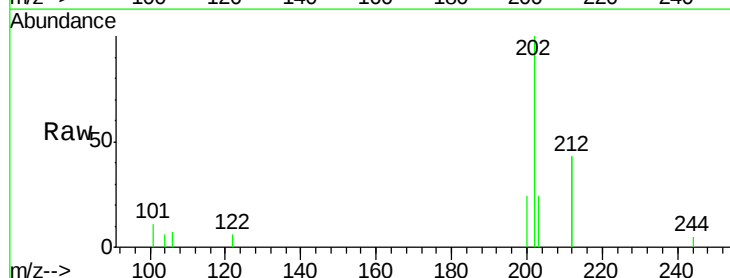
Tgt Ion:202 Resp: 2207

Ion Ratio Lower Upper

202 100

101 10.6 6.4 9.6#

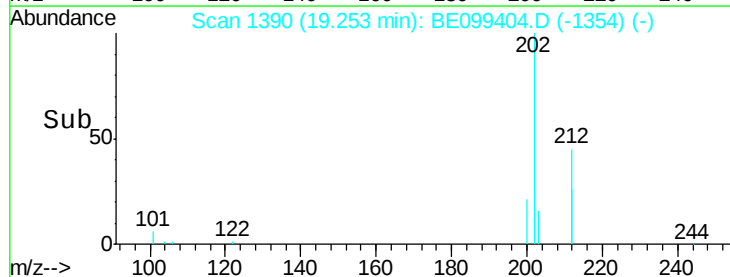
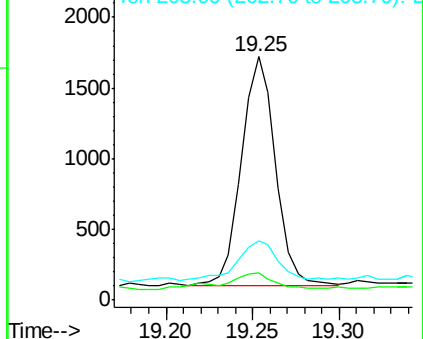
203 20.9 13.5 20.3#

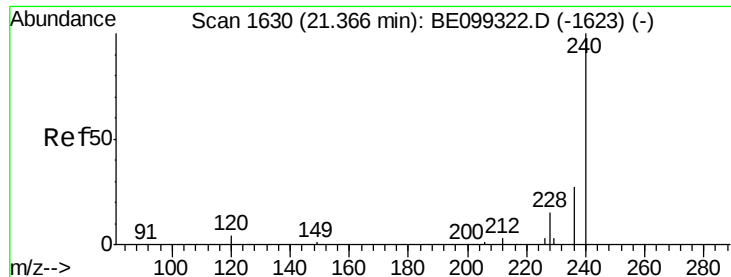


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

Instrument :

BNA_E

ClientSampleId :

PST-023-B180-042319

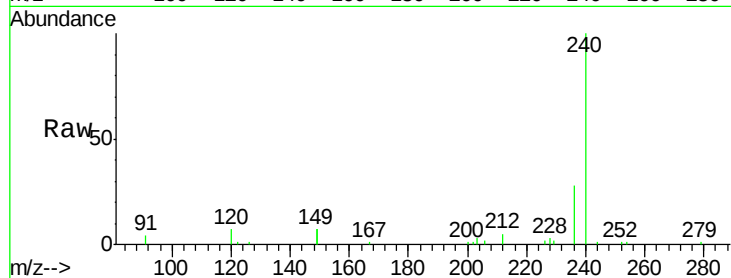
Tot Ion:240 Resp: 28027

Ion Ratio Lower Upper

240 100

120 6.5 2.2 3.2#

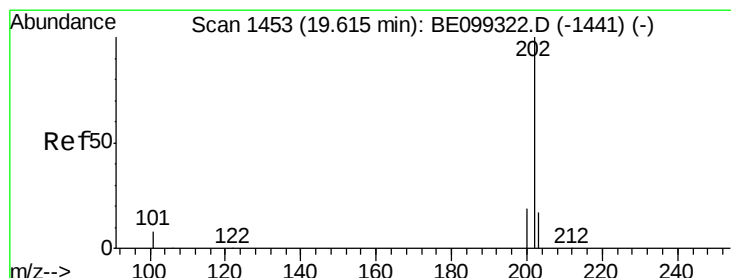
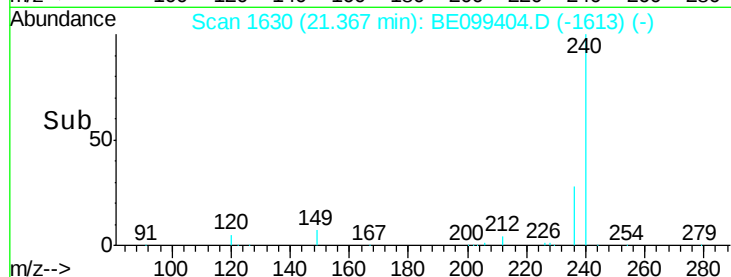
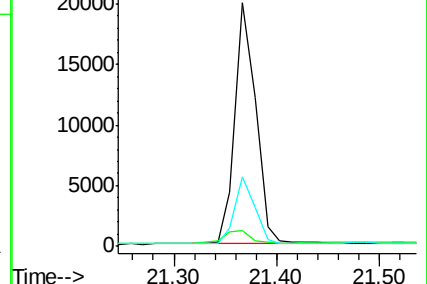
236 28.4 20.2 30.4



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

Pyrene

Concen: 0.026 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

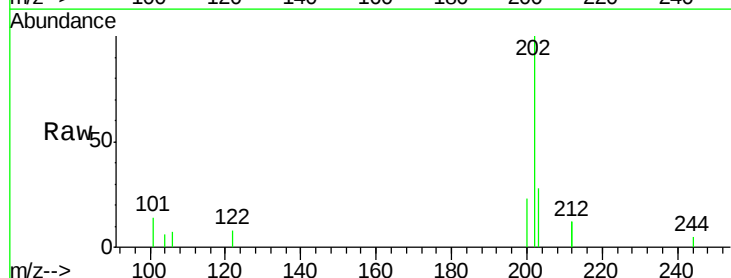
Tgt Ion:202 Resp: 2115

Ion Ratio Lower Upper

202 100

200 22.1 15.7 23.5

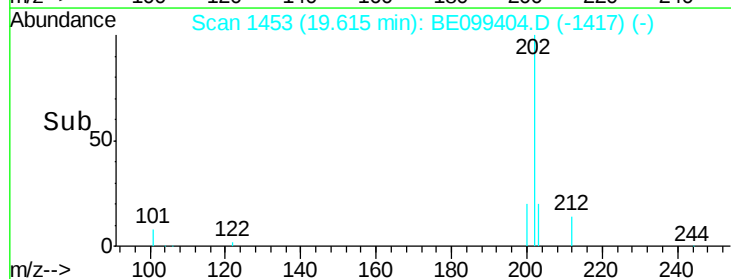
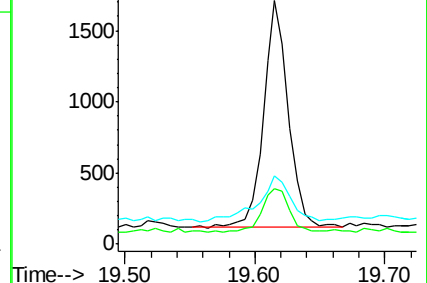
203 26.8 13.7 20.5#

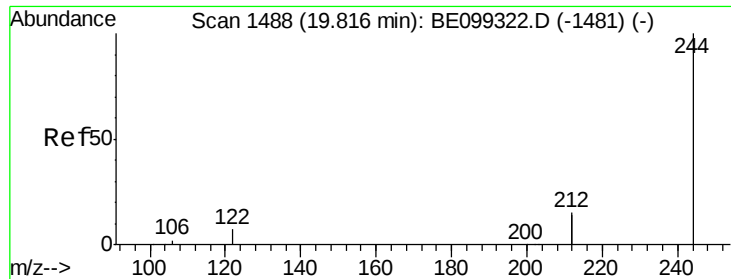


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.465 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

Instrument :

BNA_E

ClientSampleId :

PST-023-B180-042319

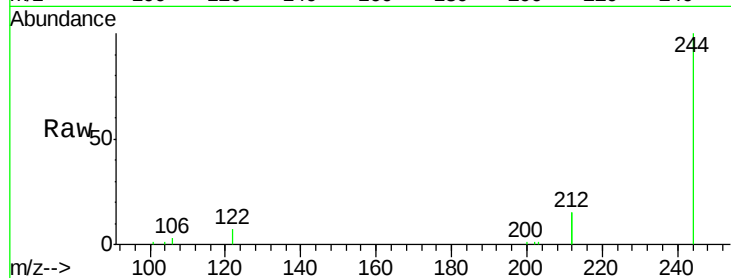
Tot Ion:244 Resp: 25631

Ion Ratio Lower Upper

244 100

212 30.1 22.6 33.8

122 6.9 4.6 7.0

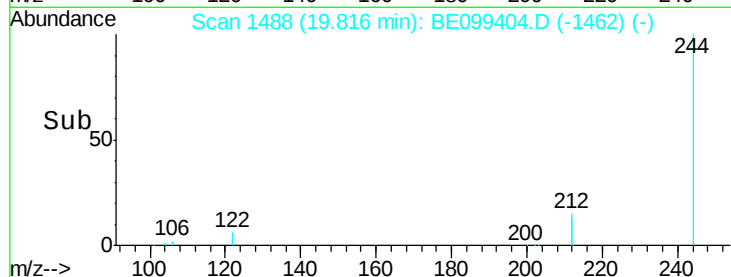


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



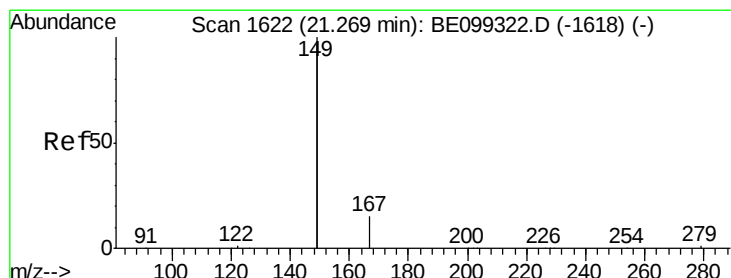
Abundance

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

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.128 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

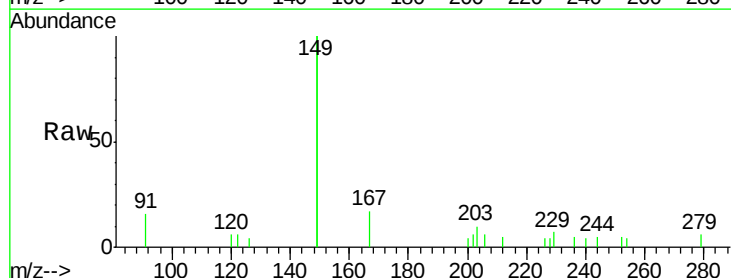
Tgt Ion:149 Resp: 9578

Ion Ratio Lower Upper

149 100

167 8.3 6.0 9.0

279 2.2 1.1 1.7#

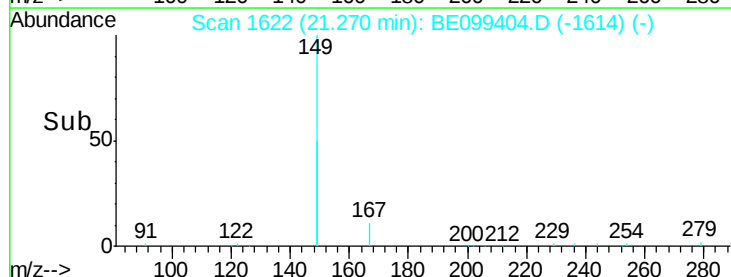


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



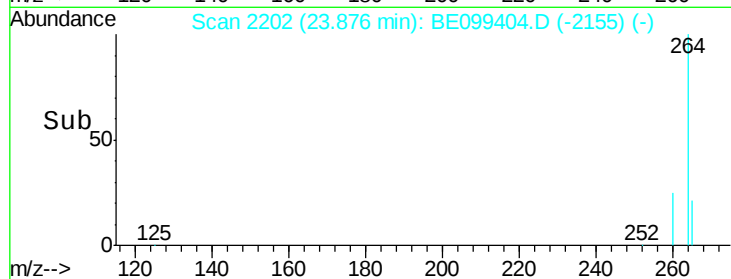
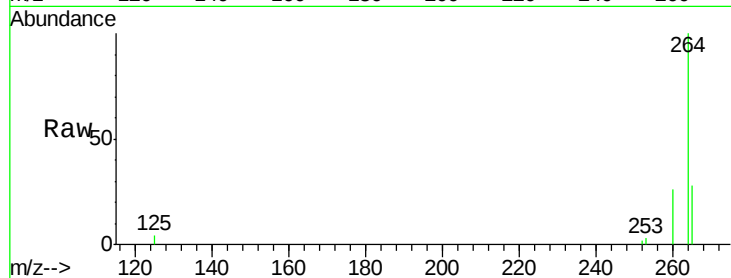
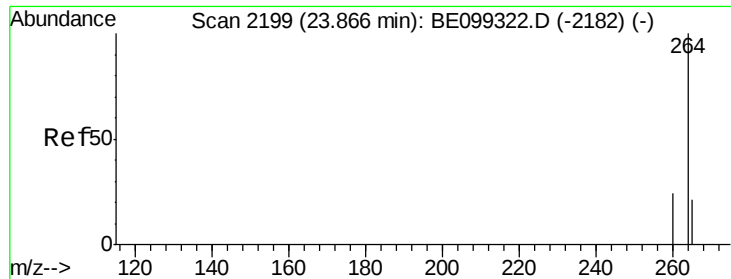
Abundance

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

Time-->



#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.88 min Scan# 2202

Delta R.T. 0.02 min

Lab File: BE099404.D

Acq: 27 Apr 2019 7:19

Instrument :

BNA_E

ClientSampleId :

PST-023-B180-042319

Tot Ion:264 Resp: 31976

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

265 28.2 19.9 29.9

