

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
 Data File : BE099251.D
 Acq On : 29 Mar 2019 12:43
 Operator : JU/SJ
 Sample : K1982-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-028-SW009-032519

Quant Time: Mar 29 22:54:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3008	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	12388	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9259	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	27027	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	28608	0.40	ng	-0.01
34) Perylene-d12	23.89	264	21600	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	2480	0.28	ng	0.00
5) Phenol-d6	6.99	99	3564	0.26	ng	0.00
8) Nitrobenzene-d5	8.99	82	2534	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7413	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	825	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11210	0.30	ng	0.00
25) Fluoranthene-d10	19.24	212	101008	0.31	ng	0.00
29) Terphenyl-d14	19.83	244	16000	0.26	ng	0.00

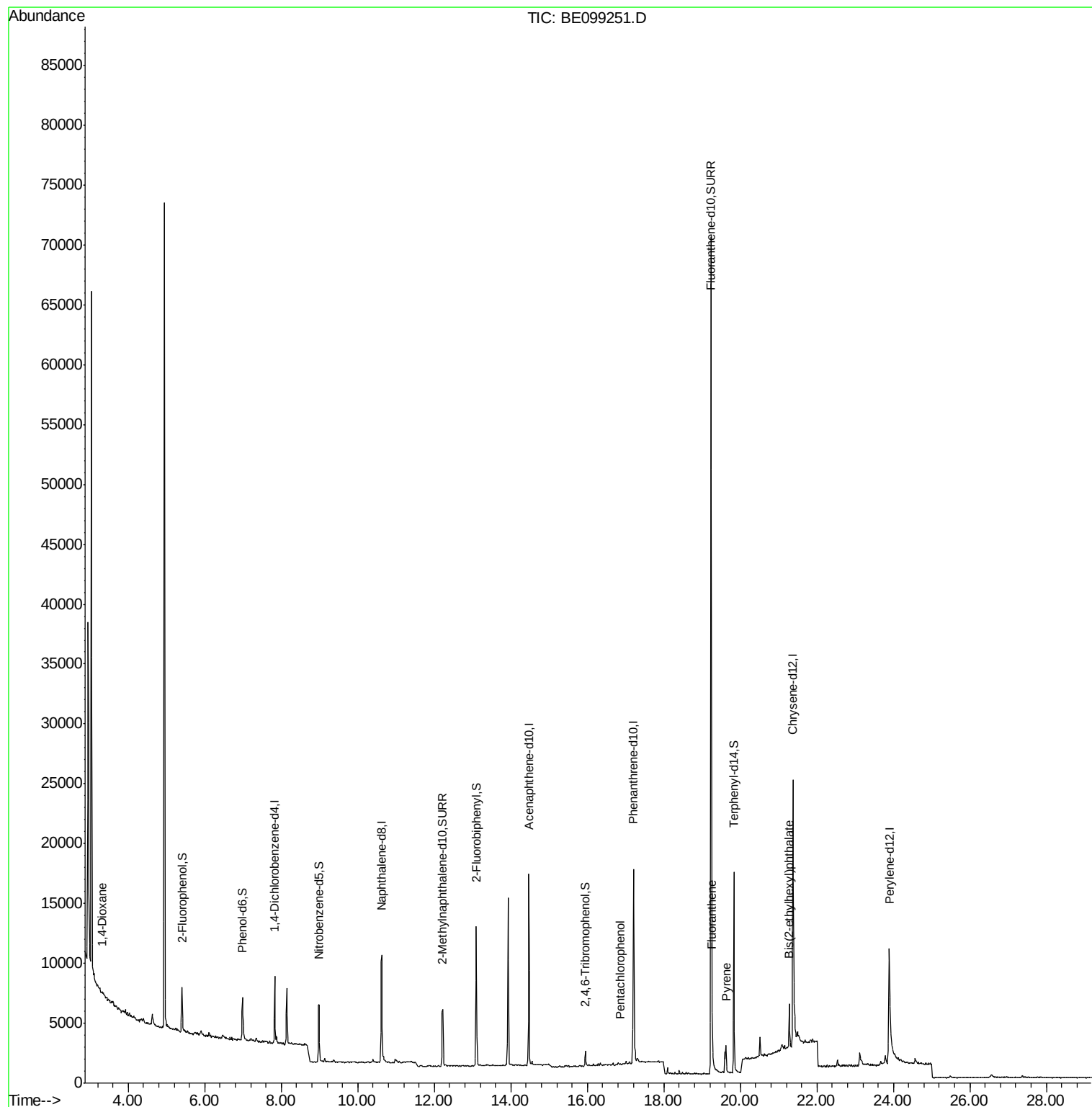
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	224	0.056	ng	# 1
22) Pentachlorophenol	16.85	266	81	0.272	ng	# 90
26) Fluoranthene	19.26	202	2276	0.022	ng	# 97
28) Pyrene	19.63	202	2353	0.025	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.28	149	4867	0.043	ng	# 99

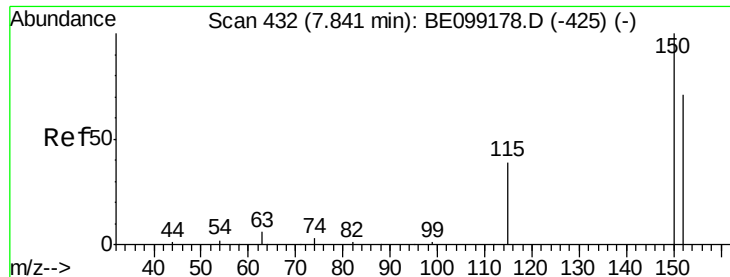
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099251.D

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ClientSampleId :

EXT-028-SW009-032519

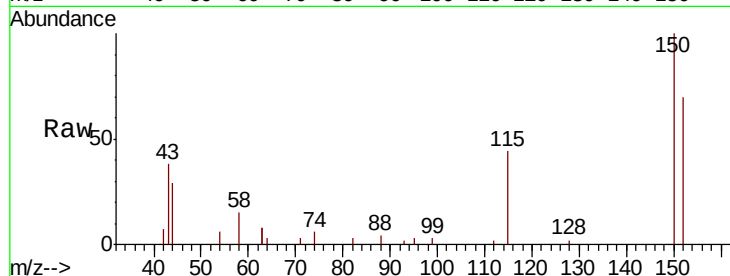
Tgt Ion: 152 Resp: 3008

Ion Ratio Lower Upper

152 100

150 141.9 112.8 169.2

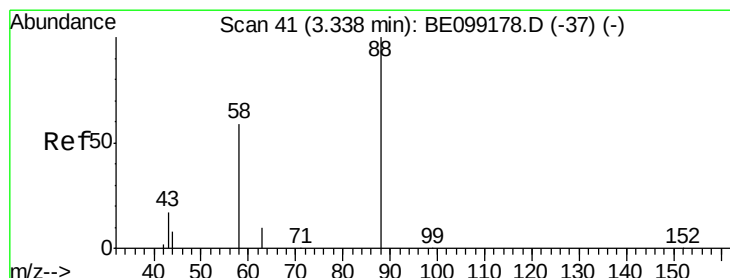
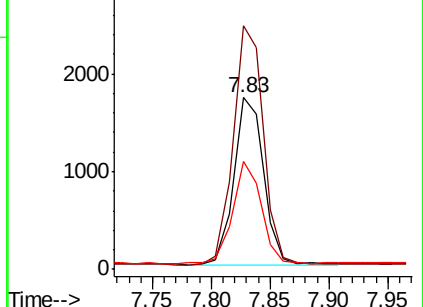
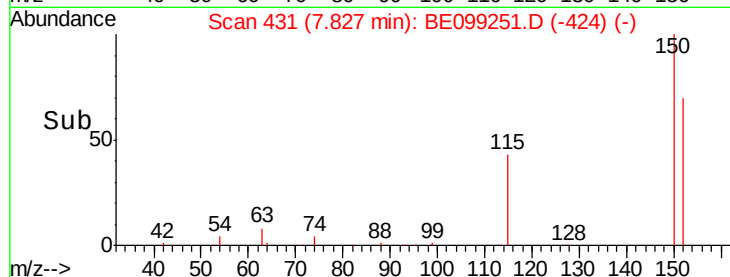
115 62.8 45.1 67.7



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: 0.056 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.01 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

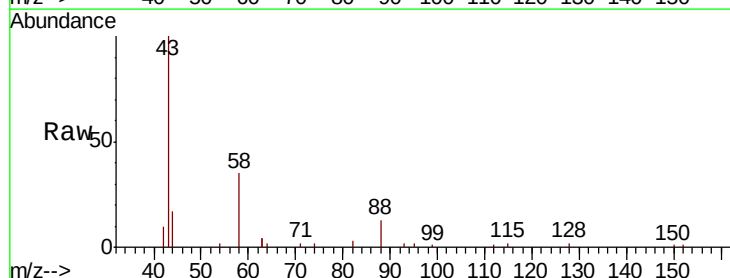
Tgt Ion: 88 Resp: 224

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

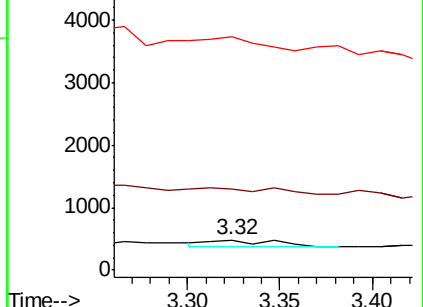
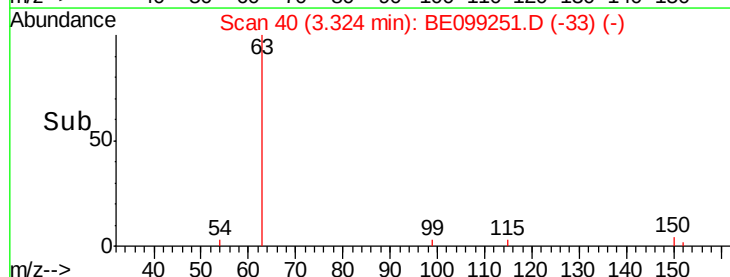
43 219.6 15.6 23.4#

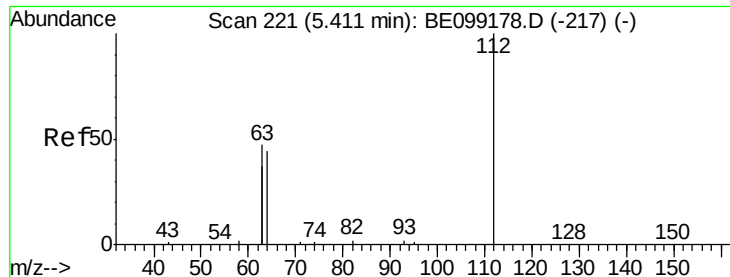


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.276 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

Instrument :

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EXT-028-SW009-032519

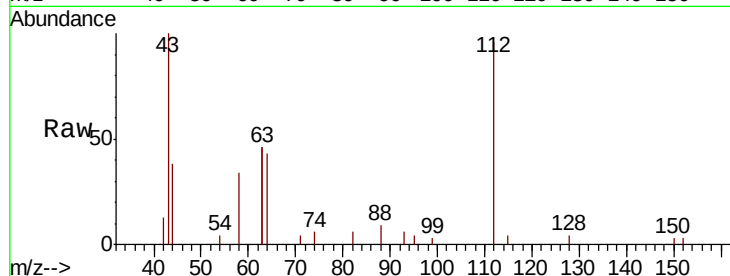
Tgt Ion: 112 Resp: 2480

Ion Ratio Lower Upper

112 100

64 56.9 46.2 69.2

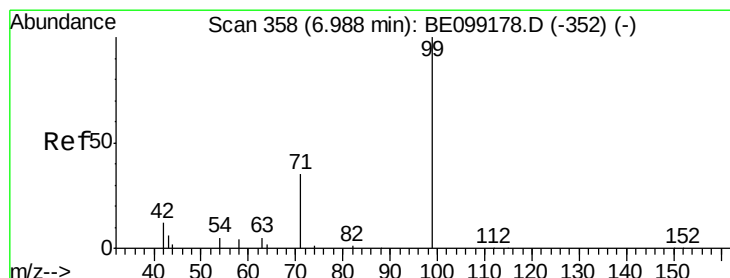
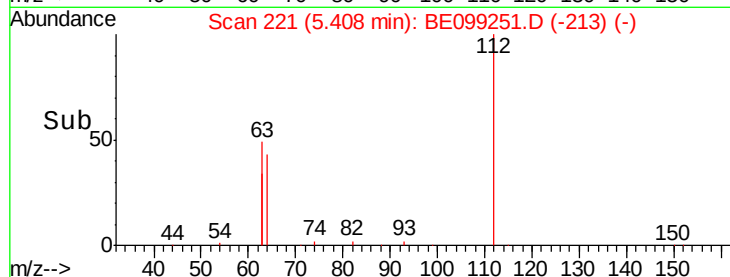
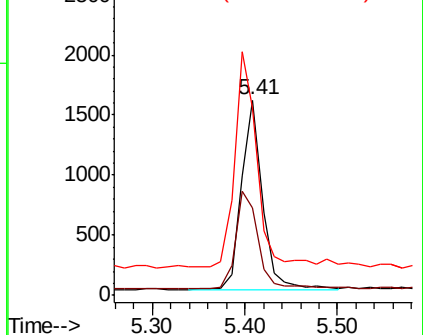
63 119.6 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.260 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

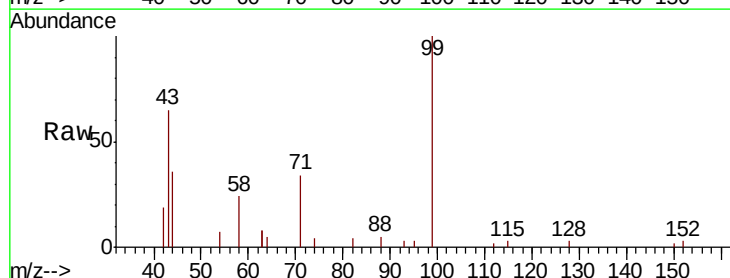
Tgt Ion: 99 Resp: 3564

Ion Ratio Lower Upper

99 100

42 13.6 12.4 18.6

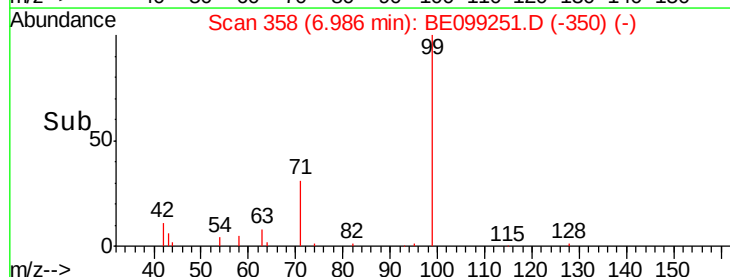
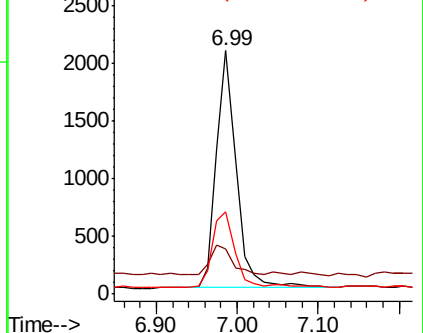
71 36.1 28.4 42.6

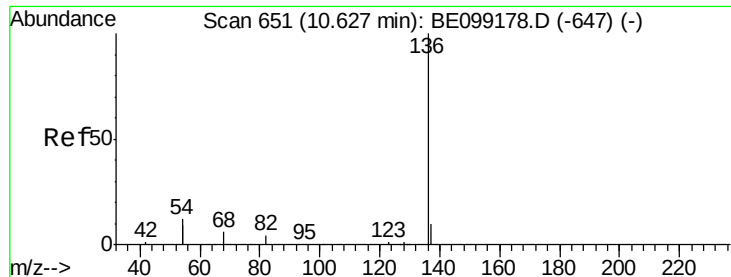


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW009-032519

Tgt Ion: 136 Resp: 12388

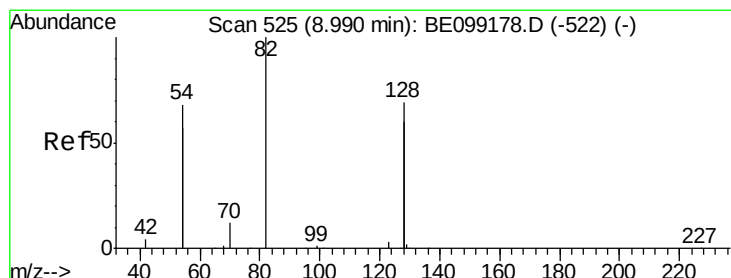
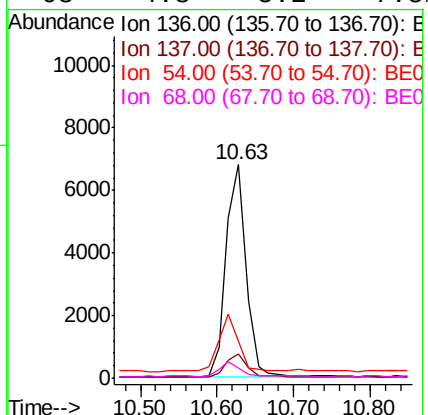
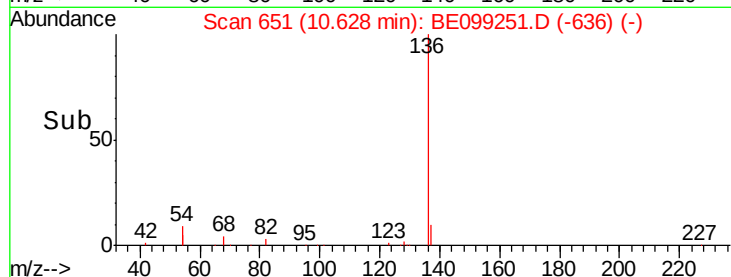
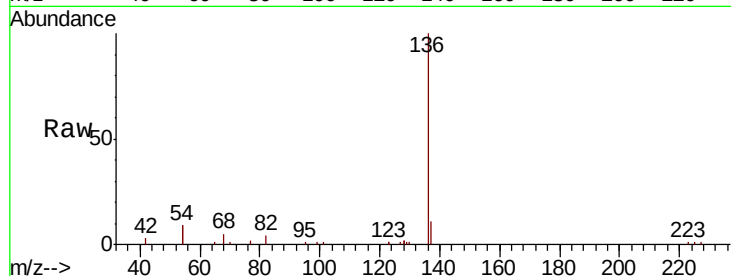
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 17.1 18.7 28.1#

68 4.8 5.2 7.8#



#8

Nitrobenzene-d5

Concen: 0.250 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

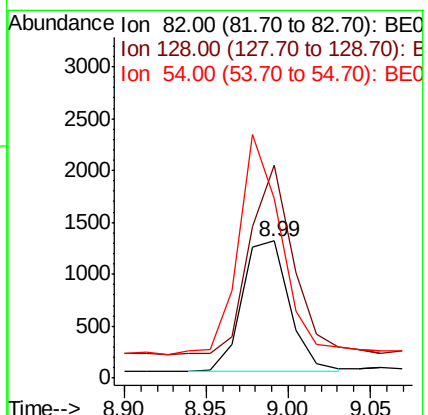
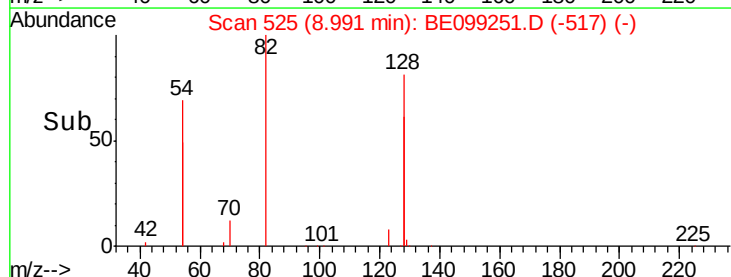
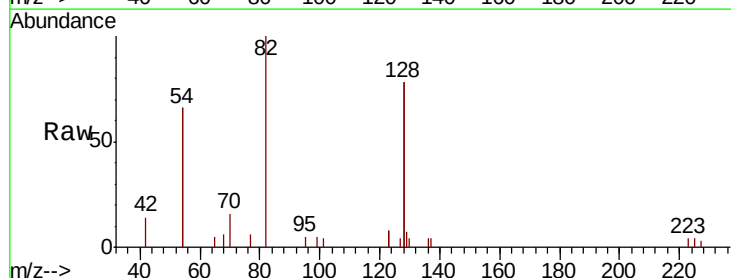
Tgt Ion: 82 Resp: 2534

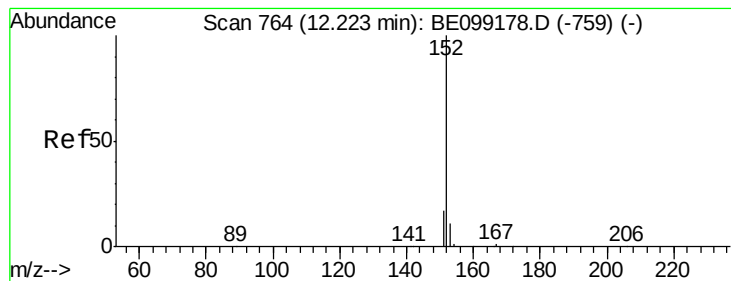
Ion Ratio Lower Upper

82 100

128 155.4 107.5 161.3

54 131.0 106.3 159.5





#11

2-Methylnaphthalene-d10

Concen: 0.311 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

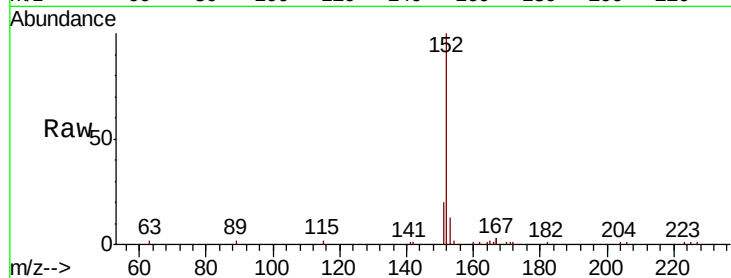
EXT-028-SW009-032519

Tgt Ion:152 Resp: 7413

Ion Ratio Lower Upper

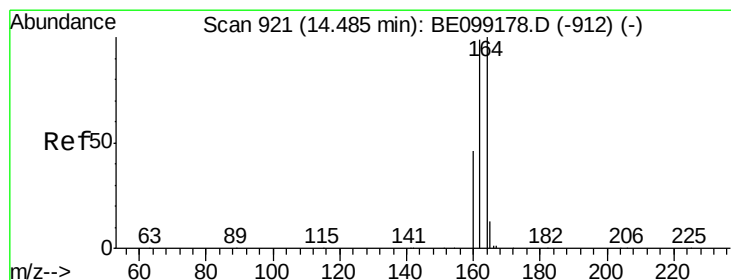
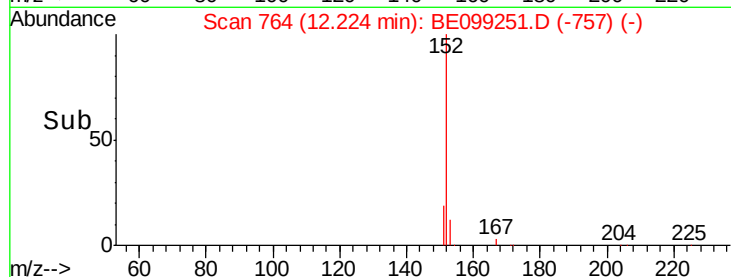
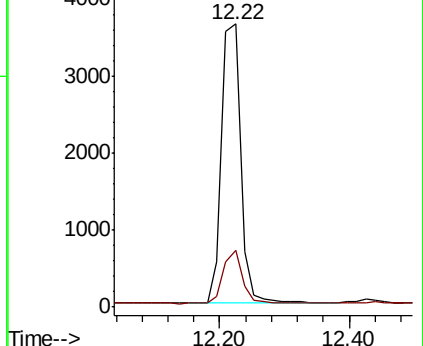
152 100

151 18.6 15.0 22.6



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. -0.01 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

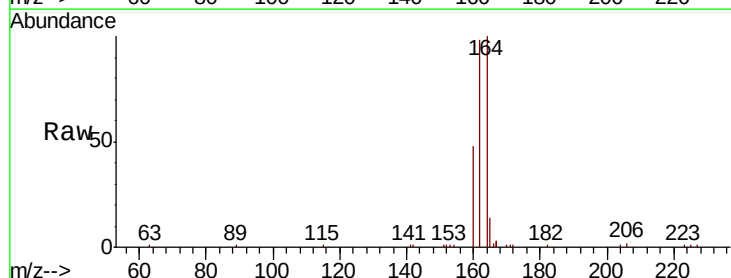
Tgt Ion:164 Resp: 9259

Ion Ratio Lower Upper

164 100

162 98.4 79.2 118.8

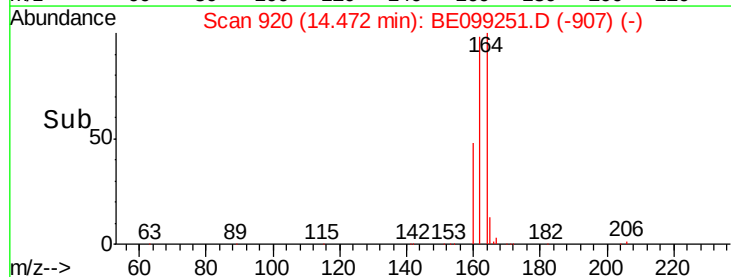
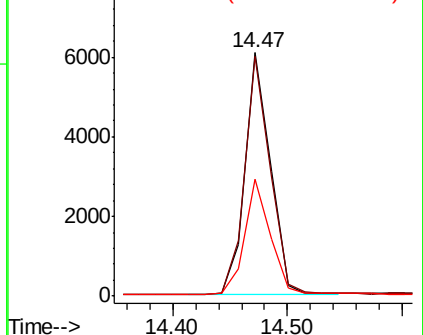
160 48.1 36.7 55.1

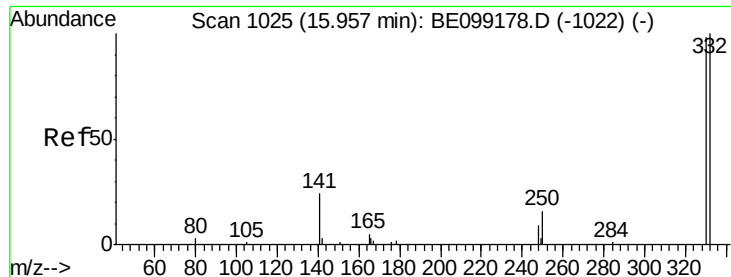


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

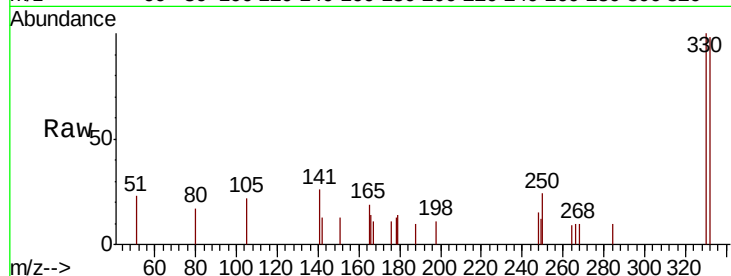




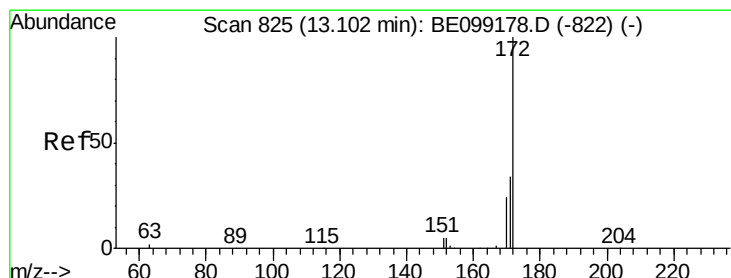
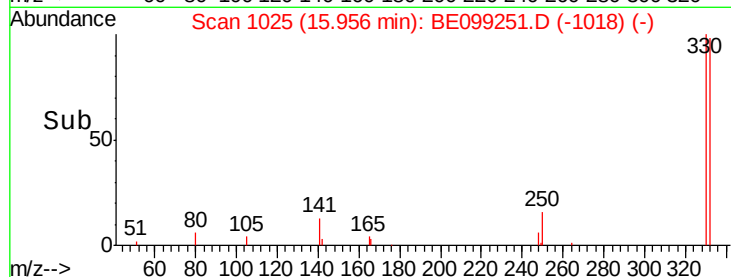
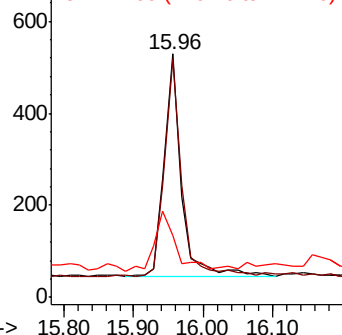
#14
 2,4,6-Tribromophenol
 Concen: 0.387 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099251.D
 Acq: 29 Mar 2019 12:43

Instrument :
 BNA_E
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 EXT-028-SW009-032519

Tgt Ion: 330 Resp: 825
 Ion Ratio Lower Upper
 330 100
 332 98.3 71.3 106.9
 141 34.9 21.7 32.5#

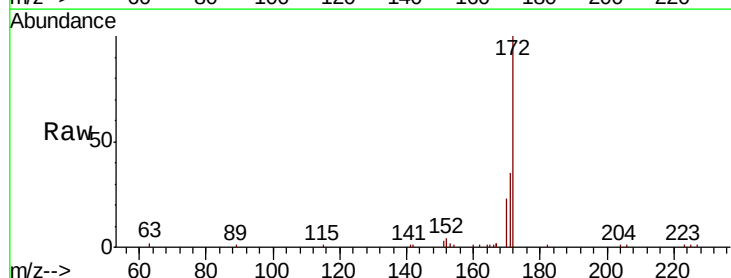


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

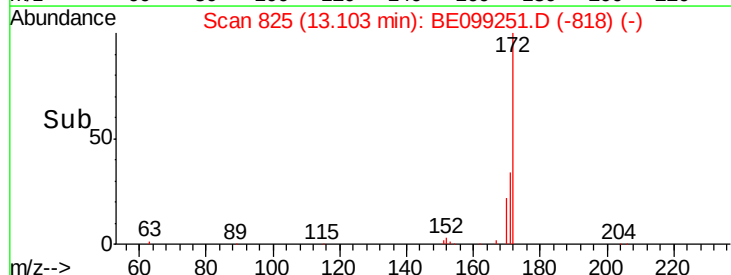
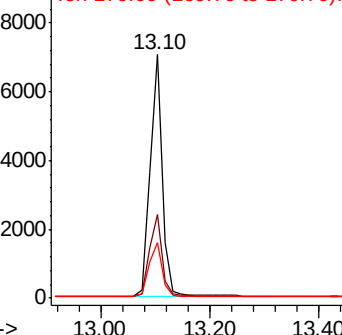


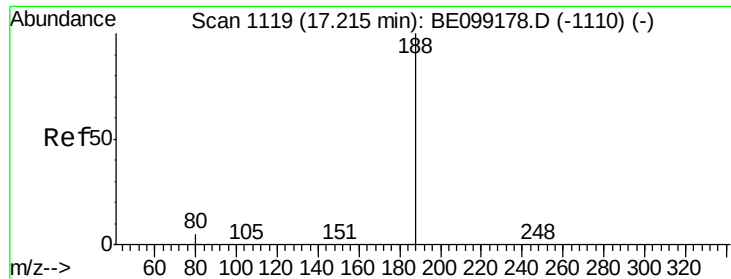
#15
 2-Fluorobiphenyl
 Concen: 0.297 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099251.D
 Acq: 29 Mar 2019 12:43

Tgt Ion: 172 Resp: 11210
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.4 41.0
 170 22.9 19.1 28.7



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

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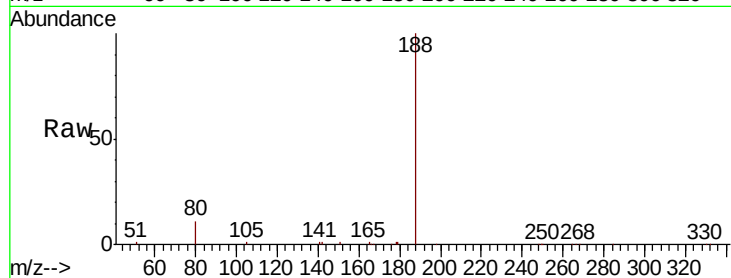
Tgt Ion:188 Resp: 27027

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

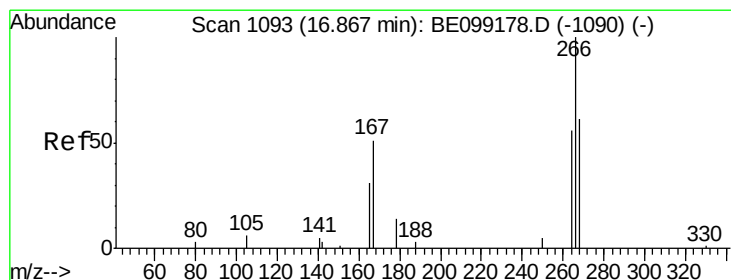
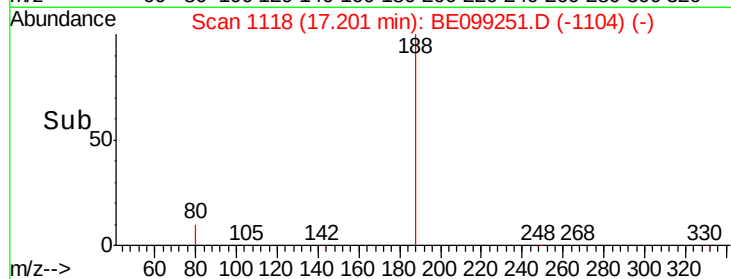
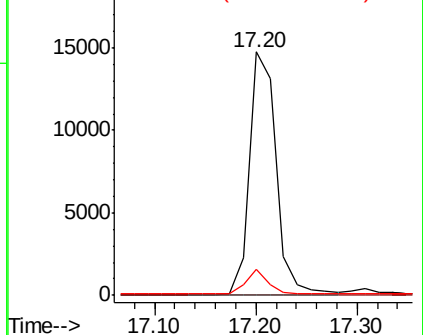
80 10.5 4.5 6.7#



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: 0.272 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

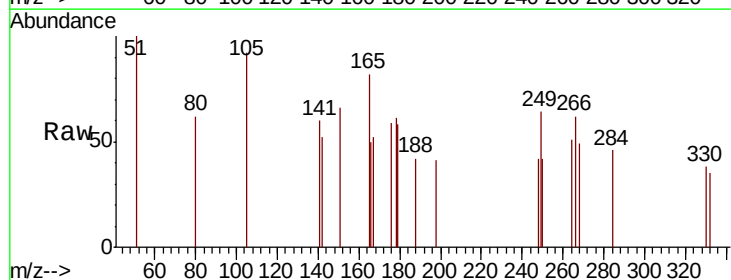
Tgt Ion:266 Resp: 81

Ion Ratio Lower Upper

266 100

264 83.1 54.4 81.6#

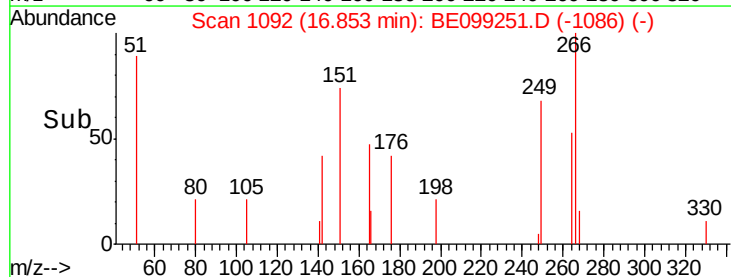
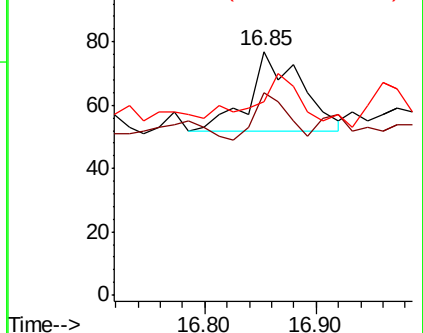
268 79.2 61.3 91.9

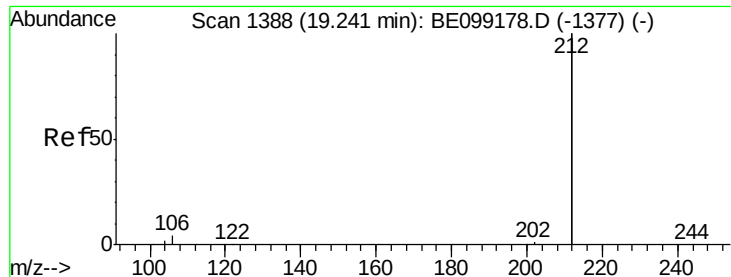


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.308 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099251.D

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EXT-028-SW009-032519

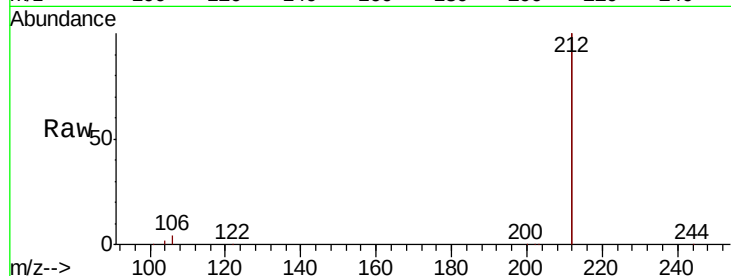
Tgt Ion:212 Resp: 101008

Ion Ratio Lower Upper

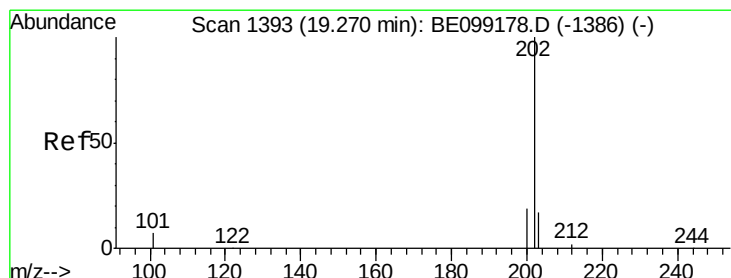
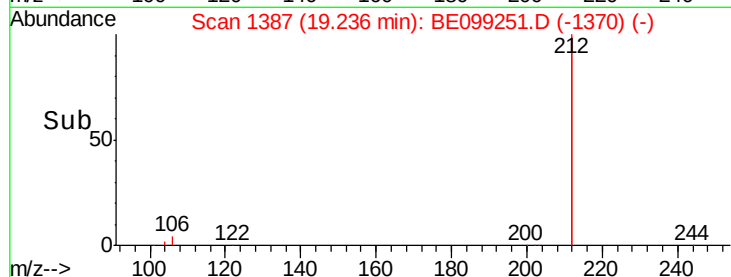
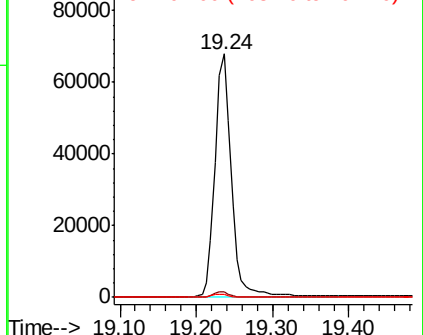
212 100

106 2.1 1.8 2.8

104 1.3 1.1 1.7



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: 0.022 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

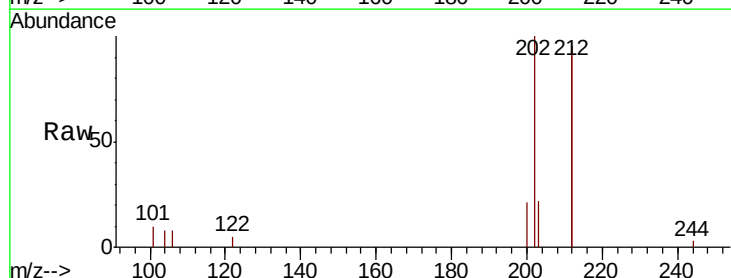
Tgt Ion:202 Resp: 2276

Ion Ratio Lower Upper

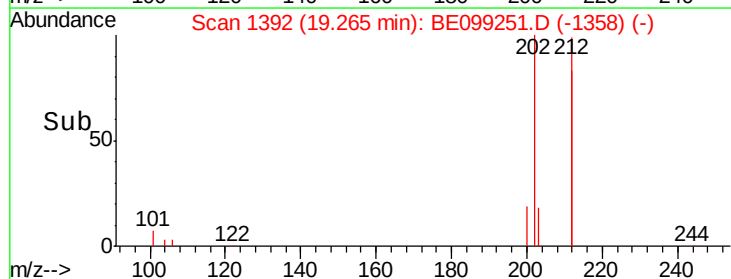
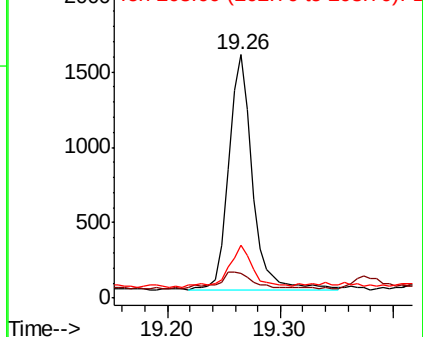
202 100

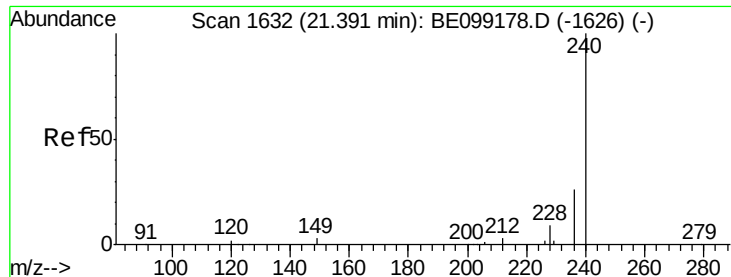
101 9.8 7.0 10.4

203 18.3 13.8 20.6



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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW009-032519

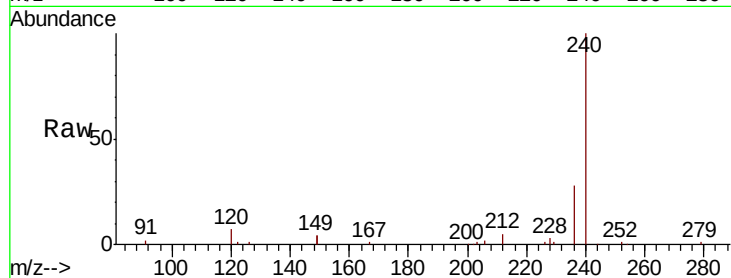
Tgt Ion:240 Resp: 28608

Ion Ratio Lower Upper

240 100

120 6.7 2.6 3.8#

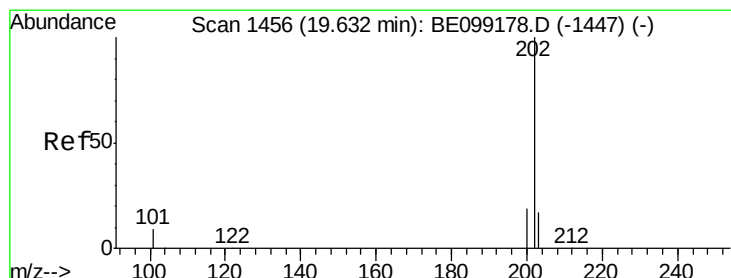
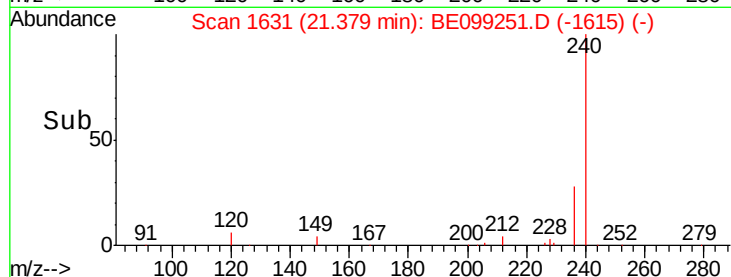
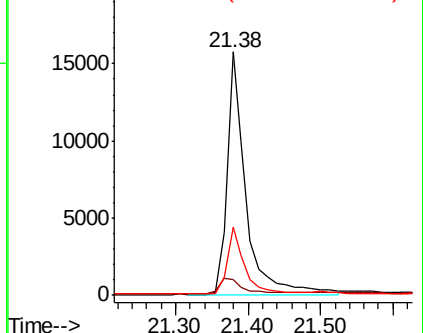
236 28.1 20.9 31.3



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: 0.025 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

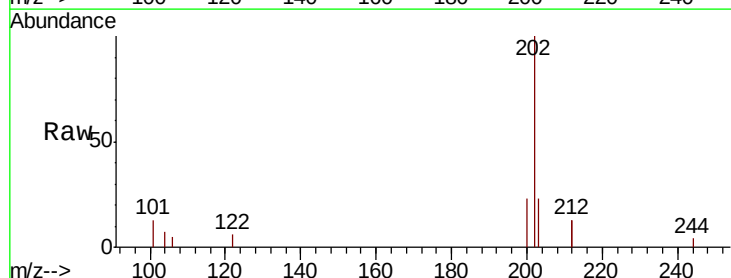
Tgt Ion:202 Resp: 2353

Ion Ratio Lower Upper

202 100

200 20.7 15.8 23.8

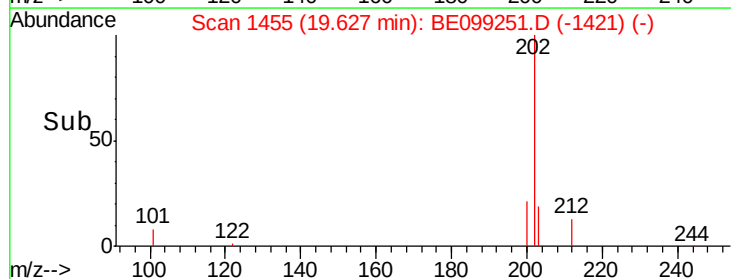
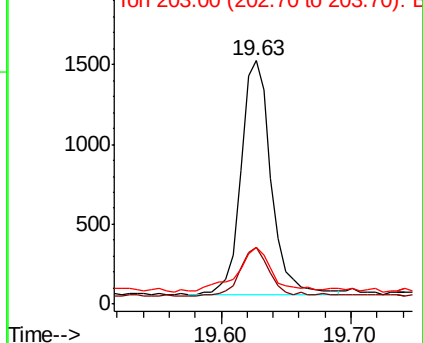
203 23.1 14.1 21.1#

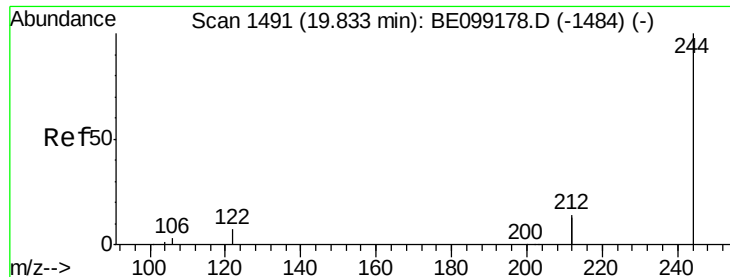


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.257 ng

RT: 19.83 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW009-032519

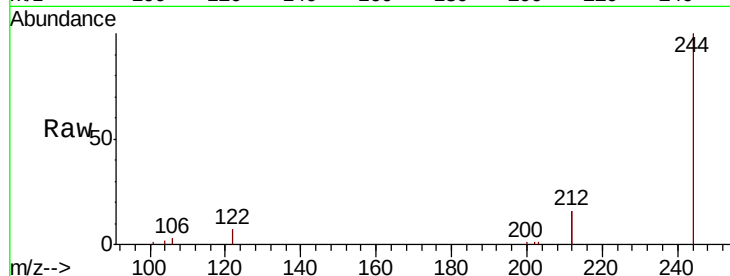
Tgt Ion:244 Resp: 16000

Ion Ratio Lower Upper

244 100

212 31.3 22.7 34.1

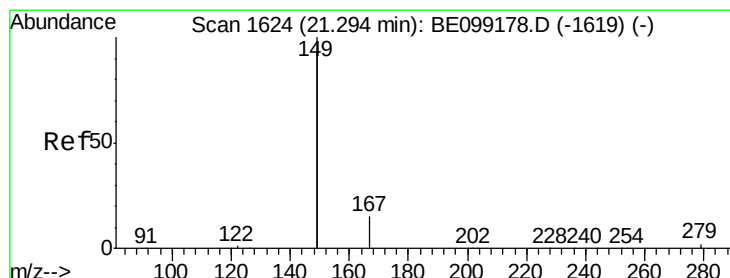
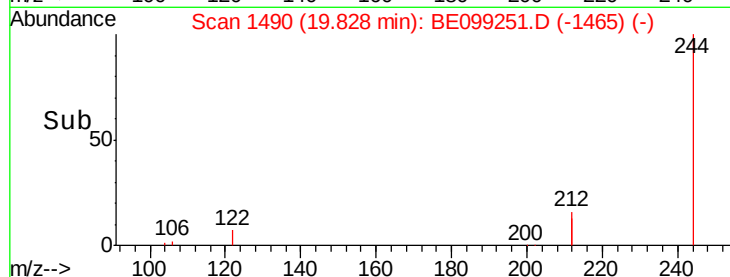
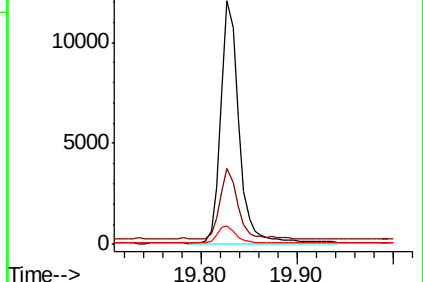
122 7.5 5.8 8.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.043 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

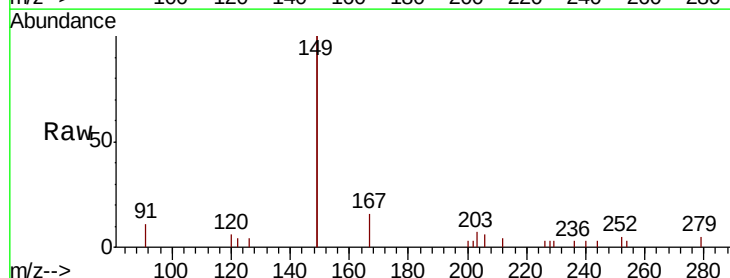
Tgt Ion:149 Resp: 4867

Ion Ratio Lower Upper

149 100

167 7.0 5.9 8.9

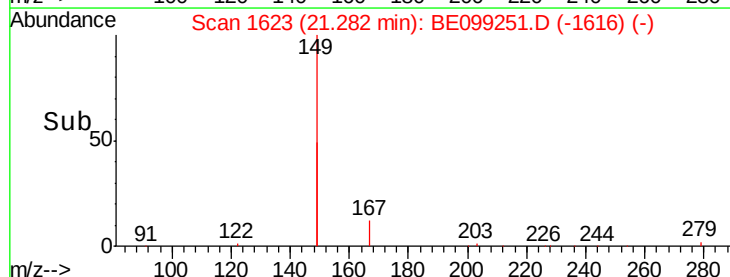
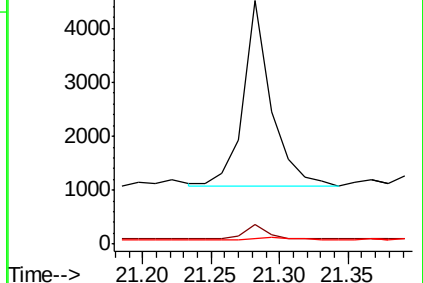
279 1.8 1.0 1.6#

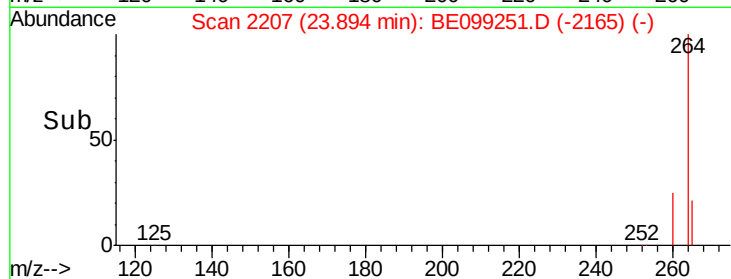
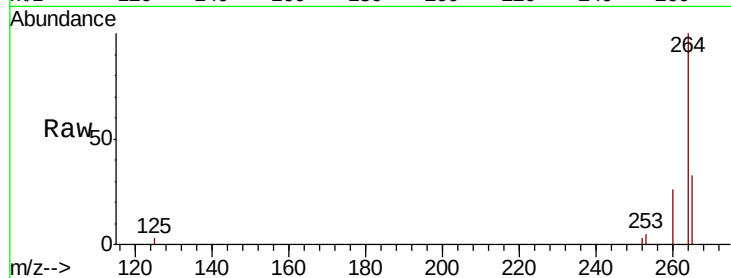
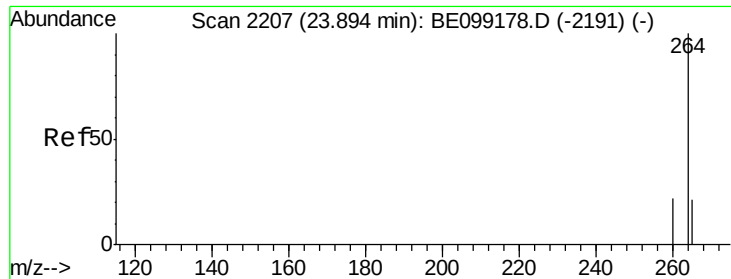


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.89 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE099251.D

Acq: 29 Mar 2019 12:43

Instrument :

BNA_E

ClientSampleId :

EXT-028-SW009-032519

Tgt Ion:264 Resp: 21600

Ion Ratio Lower Upper

264 100

260 25.7 18.2 27.2

265 32.7 21.8 32.8

